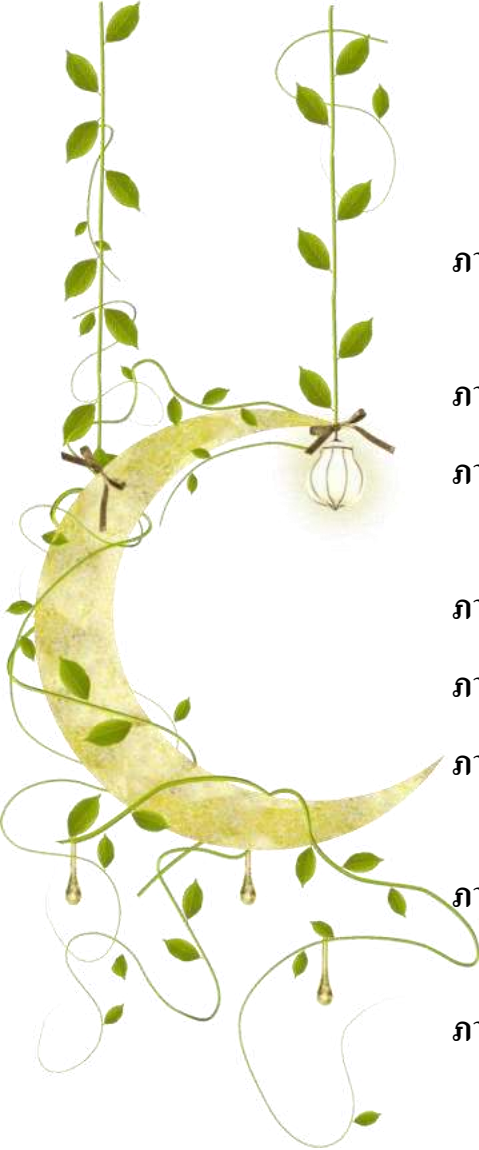




ภาคผนวก





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|---------------|--|
| ภาคผนวกที่ 1  | สำเนาหนังสือเห็นชอบรายงานประเมินผลกระทบสิ่งแวดล้อม                   |
| ภาคผนวกที่ 2  | ใบอนุญาตประกอบกิจการโรงงาน (ร.ง. 4)                                  |
| ภาคผนวกที่ 3  | สำเนาหนังสือนำส่งหน่วยงานราชการ ฉบับเดือน มกราคม-มิถุนายน 2567       |
| ภาคผนวกที่ 4  | แผนการบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น                          |
| ภาคผนวกที่ 5  | รายงานรับรองความปลอดภัยของระบบไฟฟ้า                                  |
| ภาคผนวกที่ 6  | เอกสารการประชาสัมพันธ์รายละเอียดโครงการ ผลดี-ผลเสียของโครงการ        |
| ภาคผนวกที่ 7  | ขั้นตอนการดำเนินการ เรื่อง แนวทางการเฝ้าระวัง และควบคุมคุณภาพอากาศ   |
| ภาคผนวกที่ 8  | ผลการตรวจวัดคุณภาพจากปล่องระบายมลสาร (CEMs)                          |
| ภาคผนวกที่ 9  | แผนการบำรุงรักษาป้องกันอุปกรณ์ (CEMs)                                |
| ภาคผนวกที่ 10 | เอกสารบันทึกปริมาณการใช้เชื้อเพลิง วัตถุอันตราย และสารเคมี           |
| ภาคผนวกที่ 11 | คู่มือความปลอดภัยในการทำงาน สำหรับผู้ปฏิบัติงาน                      |
| ภาคผนวกที่ 12 | ระบบรวบรวมน้ำเสียส่วนกลางของ ท่าอากาศยานสุวรรณภูมิ                   |
| ภาคผนวกที่ 13 | แผนบำรุงรักษา ป้องกัน การทำงาน ของระบบบำบัดน้ำเสียเบื้องต้น          |
| ภาคผนวกที่ 14 | ขั้นตอนการดำเนินงาน เรื่อง รายงานและการ สอดสวนอุบัติเหตุ อุบัติการณ์ |





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| ภาคผนวกที่ 15 | เอกสารขออนุญาตนำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว<br>ออกนอกบริเวณโรงงาน (กอ.1) |
| ภาคผนวกที่ 16 | เอกสารบันทึกปริมาณขยะของโครงการ   |
| ภาคผนวกที่ 17 | เอกสารการจัดการขยะมูลฝอยของโครงการ  |
| ภาคผนวกที่ 18 | รายงานการสอบสวนอุบัติเหตุ อุบัติการณ์   |
| ภาคผนวกที่ 19 | แนวทางการปฏิบัติ เมื่อเกิดเหตุฉุกเฉิน<br>ขณะขนส่งสารเคมี                      |
| ภาคผนวกที่ 20 | แนวทางการป้องกันและระงับอัคคีภัย  |
| ภาคผนวกที่ 21 | เอกสารข้อมูลความปลอดภัยของสารเคมี (MSDS)                                      |
| ภาคผนวกที่ 22 | Lay Out แสดงตำแหน่งติดตั้งอุปกรณ์ฉุกเฉิน                                      |
| ภาคผนวกที่ 23 | เอกสารแจ้งการมีบุคลากรเฉพาะรับผิดชอบ<br>การเก็บรักษาวัตถุอันตราย              |
| ภาคผนวกที่ 24 | แนวทางการจัดการสารเคมี  |
| ภาคผนวกที่ 25 | เอกสารปฏิบัติต่อข้อร้องเรียน และการสำรวจ<br>ความพึงพอใจของลูกค้า              |
| ภาคผนวกที่ 26 | แนวทางการป้องกันและระงับเหตุฉุกเฉิน<br>กรณีสารเคมีหกรั่วไหล                   |
| ภาคผนวกที่ 27 | คู่มือวิธีการปฏิบัติงานเกี่ยวกับการทำงาน<br>ระบบฉีดน้ำดับเพลิง                |
| ภาคผนวกที่ 28 | รายงานผลการตรวจสอบอุปกรณ์ดับเพลิง   |
| ภาคผนวกที่ 29 | สรุปผลการตรวจสอบสุขภาพของผู้ปฏิบัติงาน  |





## ภาคผนวกที่ 30

รายงานผลการฝึกอบรมหลักสูตรการดับเพลิงขั้นต้น และหลักสูตรฝึกซ้อมดับเพลิงและฝึกซ้อมอพยพหนีไฟ

## ภาคผนวกที่ 31

เอกสารแต่งตั้งคณะกรรมการความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน

## ภาคผนวกที่ 32

เอกสารผู้ประกอบการขนส่งสารเคมี (ใบอนุญาตประกอบการขนส่ง)

## ภาคผนวกที่ 33

Lay Out แสดงตำแหน่งติดตั้งอุปกรณ์ฉุกเฉิน บริเวณที่จัดเก็บสารเคมี

## ภาคผนวกที่ 34

เอกสารแผนงานมวลชนสัมพันธ์ (CSR)

## ภาคผนวกที่ 35

เอกสารเกี่ยวกับกิจกรรมเปิดบ้าน DCAP

## ภาคผนวกที่ 36

แบบสำรวจเศรษฐกิจ สังคม และความคิดเห็นของประชาชน

## ภาคผนวกที่ 37

รายงานผลการฝึกซ้อมแผนฉุกเฉิน กรณีสารเคมีหกรั่วไหล

## ภาคผนวกที่ 38

สำเนาหนังสือแจ้งผลการพิจารณารายงานประเมินผลกระทบสิ่งแวดล้อม โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็น สำหรับท่าอากาศยานสุวรรณภูมิ (ส่วนขยายครั้งที่ 3) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

## ภาคผนวกที่ 39

รายงานผลการตรวจวัดสิ่งแวดล้อม

## ภาคผนวกที่ 40

เอกสารหนังสืออนุญาตขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

## ภาคผนวกที่ 41

เอกสารรับรองการสอบเทียบของเครื่องมือตรวจวัด

## ภาคผนวกที่ 42

เอกสารอ้างอิงกฎหมายที่เกี่ยวข้อง





## ภาคผนวกที่ 1

สำเนาหนังสือเห็นชอบรายงานประเมินผลกระทบสิ่งแวดล้อม





### ภาคผนวกที่ 3

สำเนาหนังสือนำเสนอหน่วยงานราชการ  
ฉบับเดือน มกราคม-มิถุนายน 2567



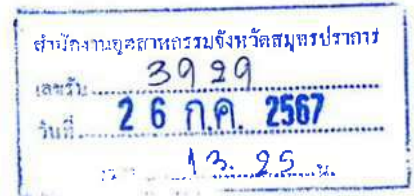


**บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด**  
**District Cooling System and Power Plant Co., Ltd.**

222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี  
สมุทรปราการ 10540 โทร: 0-2327-4242 โทรสาร: 0-2327-4244  
222 Moo 1 Tambon Nong-prue Amphur Bangplee  
Samutprakarn 10540 Thailand Tel: 66(0)-2327-4242 Fax: 66(0)-2327-4244

ที่ DCAP 670726/02

วันที่ 26 กรกฎาคม 2567



เรื่อง นำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำปีเดือนมกราคม - มิถุนายน 2567

เรียน อุตสาหกรรม จังหวัดสมุทรปราการ

สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำปีเดือนมกราคม - มิถุนายน 2567 พร้อมซีดีข้อมูล จำนวน 1 ชุด

ตามที่ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (DCAP) ได้รับใบอนุญาตประกอบกิจการโรงงาน เลขที่ 3-88(2)-3/49 สป. (10110100325492) ซึ่งตามเงื่อนไขแนบท้ายใบอนุญาตประกอบกิจการโรงงาน กำหนดให้รายงานผลการดำเนินงานเกี่ยวกับมาตรการป้องกันและลดผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม ตามแนวทางที่สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม (สผ.) กำหนดต่อกรมโรงงานอุตสาหกรรมและจังหวัดสมุทรปราการ ทราบทุก 6 เดือน

บัดนี้ DCAP ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม ตามมาตรการรายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ในระยะดำเนินการ ประจำปีเดือนมกราคม - มิถุนายน 2567 แล้วเสร็จ จึงขอส่งรายงานฯ พร้อมซีดีข้อมูล จำนวน 1 ชุด มายังอุตสาหกรรมจังหวัดสมุทรปราการ เพื่อพิจารณาโดยมีรายละเอียดตามสิ่งที่ส่งมาด้วย

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

(นายอรรถวุฒิ วรรณมธุระ)

รองผู้จัดการใหญ่อาวุโส

รักษาการผู้จัดการใหญ่





บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

สำนักงาน กกพ.ประจำเขต ๑๓  
เลขที่ 1375 วันที่ 31/7/2567  
เวลา 10.59 น. ผู้รับ โยงนภพร

222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี  
สมุทรปราการ 10540 โทร: 0-2327-4242 โทรสาร: 0-2327-4244  
222 Moo 1 Tambon Nong-prue Amphur Bangplee  
Samutprakarn 10540 Thailand Tel: 66(0)-2327-4242 Fax: 66(0)-2327-4244

ที่ DCAP 670726/01

วันที่ 26 กรกฎาคม 2567

สำเนา

เรื่อง นำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำเดือนมกราคม - มิถุนายน 2567

เรียน ผู้อำนวยการเขต สำนักงานคณะกรรมการกำกับกิจการพลังงาน ประจำเขต 13

สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำเดือนมกราคม - มิถุนายน 2567 พร้อมซีดีข้อมูล จำนวน 3 ชุด

ตามที่ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (DCAP) ซึ่งเป็นผู้ได้รับใบอนุญาตประกอบกิจการผลิตไฟฟ้า เลขที่ กกพ 01-1(2)/52-014 สถานประกอบกิจการตั้งอยู่เลขที่ 222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ และได้รับความเห็นชอบรายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) จากสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม (สผ.) ตามหนังสือเลขที่ ทส 1010.7/17827 ลงวันที่ 28 ธันวาคม 2563 โดยมีเงื่อนไขให้โครงการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมพร้อมจัดทำรายงานผลการปฏิบัติตามมาตรการฯ เสนอต่อหน่วยงานอนุญาตที่เกี่ยวข้องทุก 6 เดือน ซึ่งปัจจุบันโครงการฯ อยู่ในระยะดำเนินการ

บัดนี้ DCAP ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม ในระยะดำเนินการ ประจำเดือนมกราคม - มิถุนายน 2567 แล้วเสร็จ จึงขอส่งรายงานฯ พร้อมซีดีข้อมูลจำนวน 3 ชุด มาถึงสำนักงานคณะกรรมการกำกับกิจการพลังงาน เพื่อพิจารณาโดยมีรายละเอียดตามสิ่งที่ส่งมาด้วย

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

(นายอรรถวุฒิ วรรณมธุณี)

รองผู้จัดการใหญ่อาวุโส

รักษาการผู้จัดการใหญ่





บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

District Cooling System and Power Plant Co., Ltd.

222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี

สมุทรปราการ 10540 โทร: 0-2327-4242 โทรสาร: 0-2327-4244

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Samutprakarn 10540 Thailand Tel: 66(0)-2327-4242 Fax: 66(0)-2327-4244

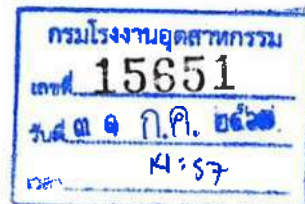
ที่ DCAP 670726/04

วันที่ 26 กรกฎาคม 2567

สำเนา

เรื่อง นำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำเดือนมกราคม - มิถุนายน 2567

เรียน อธิบดีกรมโรงงานอุตสาหกรรม



สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำเดือนมกราคม - มิถุนายน 2567 พร้อมซีดีข้อมูล จำนวน 1 ชุด

ตามที่ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (DCAP) ได้รับใบอนุญาตประกอบกิจการโรงงาน เลขที่ 3-88(2)-3/49 สป. (10110100325492) ซึ่งตามเงื่อนไขแนบท้ายใบอนุญาตประกอบกิจการโรงงาน กำหนดให้รายงานผลการดำเนินงานเกี่ยวกับมาตรการป้องกันและลดผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม ตามแนวทางที่สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม (สผ.) กำหนด ต่อ กรมโรงงานอุตสาหกรรมและจังหวัดสมุทรปราการ ทราบทุก 6 เดือน

บัดนี้ DCAP ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไข ผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม ตามมาตรการรายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ในระยะดำเนินการ ประจำเดือนมกราคม - มิถุนายน 2567 แล้วเสร็จ จึงขอส่งรายงานฯ พร้อมซีดีข้อมูล จำนวน 1 ชุด มายังกรมโรงงานอุตสาหกรรม เพื่อพิจารณาโดยมีรายละเอียดตามสิ่งที่ส่งมาด้วย

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

(นายอรรถวุฒิ วรรณมธุณี)

รองผู้จัดการใหญ่อาวุโส

รักษาการผู้จัดการใหญ่





**บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด**  
**District Cooling System and Power Plant Co., Ltd.**

222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี  
สมุทรปราการ 10540 โทร: 0-2327-4242 โทรสาร: 0-2327-4244  
222 Moo 1 Tambon Nong-prue Amphur Bangplee  
Samutprakarn 10540 Thailand Tel: 66(0)-2327-4242 Fax: 66(0)-2327-4244

ที่ DCAP 670726/02

วันที่ 26 กรกฎาคม 2567



เรื่อง นำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำเดือนมกราคม - มิถุนายน 2567

เรียน อุตสาหกรรม จังหวัดสมุทรปราการ

สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำเดือนมกราคม - มิถุนายน 2567 พร้อมซีดีข้อมูล จำนวน 1 ชุด

ตามที่ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (DCAP) ได้รับใบอนุญาตประกอบกิจการโรงงาน เลขที่ 3-88(2)-3/49 สป. (10110100325492) ซึ่งตามเงื่อนไขแนบท้ายใบอนุญาตประกอบกิจการโรงงาน กำหนดให้รายงานผลการดำเนินงานเกี่ยวกับมาตรการป้องกันและลดผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม ตามแนวทางที่สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม (สผ.) กำหนดต่อกรมโรงงานอุตสาหกรรมและจังหวัดสมุทรปราการ ทราบทุก 6 เดือน

บัดนี้ DCAP ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม ตามมาตรการรายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ในระยะดำเนินการ ประจำเดือนมกราคม - มิถุนายน 2567 แล้วเสร็จ จึงขอส่งรายงานฯ พร้อมซีดีข้อมูล จำนวน 1 ชุด มายังอุตสาหกรรมจังหวัดสมุทรปราการ เพื่อพิจารณาโดยมีรายละเอียดตามสิ่งที่ส่งมาด้วย

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

(นายอรรถวุฒิ วรธรรมคุณ)

รองผู้จัดการใหญ่อาวุโส

รักษาการผู้จัดการใหญ่





บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

สำนักงาน กกพ.ประจำเขต ๑๓  
เลขที่ 1375 วันที่ 31/7/2567  
เวลา 10.59 น. ผู้รับ 1๙๗๙๕  
222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี  
สมุทรปราการ 10540 โทร: 0-2327-4242 โทรสาร: 0-2327-4244  
222 Moo 1 Tambon Nong prue Amphur Bangplee  
Samutprakarn 10540 Thailand Tel: 66(0)-2327-4242 Fax: 66(0)-2327-4244

ที่ DCAP 670726/01

วันที่ 26 กรกฎาคม 2567

สำเนา

เรื่อง นำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำเดือนมกราคม - มิถุนายน 2567

เรียน ผู้อำนวยการเขต สำนักงานคณะกรรมการกำกับกิจการพลังงาน ประจำเขต 13

สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำเดือนมกราคม - มิถุนายน 2567 พร้อมซีดีข้อมูล จำนวน 3 ชุด

ตามที่ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (DCAP) ซึ่งเป็นผู้ได้รับใบอนุญาตประกอบกิจการผลิตไฟฟ้า เลขที่ กกพ 01-1(2)/52-014 สถานประกอบกิจการตั้งอยู่เลขที่ 222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ และได้รับความเห็นชอบรายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) จากสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม (สผ.) ตามหนังสือเลขที่ ทส 1010.7/17827 ลงวันที่ 28 ธันวาคม 2563 โดยมีเงื่อนไขให้โครงการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมพร้อมจัดทำรายงานผลการปฏิบัติตามมาตรการฯ เสนอต่อหน่วยงานอนุญาตที่เกี่ยวข้องทุก 6 เดือน ซึ่งปัจจุบันโครงการฯ อยู่ในระยะดำเนินการ

บัดนี้ DCAP ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม ในระยะดำเนินการ ประจำเดือนมกราคม - มิถุนายน 2567 แล้วเสร็จ จึงขอส่งรายงานฯ พร้อมซีดีข้อมูลจำนวน 3 ชุด มายังสำนักงานคณะกรรมการกำกับกิจการพลังงาน เพื่อพิจารณาโดยมีรายละเอียดตามสิ่งที่ส่งมาด้วย

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

(นายอรรถวุฒิ วรรณมุขะฐิติ)

รองผู้จัดการใหญ่อาวุโส

รักษาการผู้จัดการใหญ่





บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี  
สมุทรปราการ 10540 โทร: 0-2327-4242 โทรสาร: 0-2327-4244  
222 Moo 1 Tambon Nong-prue Amphur Bangplee  
Samutprakam 10540 Thailand Tel: 66(0)-2327-4242 Fax: 66(0)-2327-4244

สำเนา

ที่ DCAP 670726/04

วันที่ 26 กรกฎาคม 2567

เรื่อง นำส่งรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำปีเดือนมกราคม - มิถุนายน 2567

เรียน อธิบดีกรมโรงงานอุตสาหกรรม



สิ่งที่ส่งมาด้วย รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ) โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ประจำปีเดือนมกราคม - มิถุนายน 2567 พร้อมซีดีข้อมูล จำนวน 1 ชุด

ตามที่ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (DCAP) ได้รับใบอนุญาตประกอบกิจการโรงงาน เลขที่ 3-88(2)-3/49 สป. (10110100325492) ซึ่งตามเงื่อนไขแนบท้ายใบอนุญาตประกอบกิจการโรงงาน กำหนดให้รายงานผลการดำเนินงานเกี่ยวกับมาตรการป้องกันและลดผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม ตามแนวทางที่สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม (สผ.) กำหนด ต่อ กรมโรงงานอุตสาหกรรมและจังหวัดสมุทรปราการ ทราบทุก 6 เดือน

บัดนี้ DCAP ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม ตามมาตรการรายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ในระยะดำเนินการ ประจำปีเดือนมกราคม - มิถุนายน 2567 แล้วเสร็จ จึงขอส่งรายงานฯ พร้อมซีดีข้อมูล จำนวน 1 ชุด มายังกรมโรงงานอุตสาหกรรม เพื่อพิจารณาโดยมีรายละเอียดตามสิ่งที่ส่งมาด้วย

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

(นายอรรถวุฒิ วรรณมธุณี)

รองผู้จัดการใหญ่อาวุโส

รักษาการผู้จัดการใหญ่





## ภาคผนวกที่ 4

แผนการบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น



<p style="text-align: center;">แผนงานบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น</p> <p style="text-align: center;">บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (DCAP) ประจำปี 2567</p>						
No.	Location	Plant	Description	Period	Duration	Remark
1	DCP-C11	Gas Turbine Unit 1 HRSG Unit 1	Semi-annual inspection	4-5 พฤษภาคม 2567	2 วัน	/ ③
2			Boiler Protection Certification	4-5 พฤษภาคม 2567	2 วัน	/ ①
3			Semi-annual inspection	12-13 ตุลาคม 2567	2 วัน	/ ③
4			งานบำรุงรักษาไฟฟ้า 115 kV DCP-7012, DCP-7902	4-5 พฤษภาคม 2567	2 วัน	/ ①
5	DCP-C12	Gas Turbine Unit 2 HRSG Unit 2	Semi-annual inspection VBV Bushing & VIGV Bushing	18-21 พฤษภาคม 2567	4 วัน	/ ②
6			Boiler Protection Certification	18-21 พฤษภาคม 2567	4 วัน	/ ②
7			Major Overhaul Remove/Install Engine	13-27 กรกฎาคม 2567	15 วัน	/ ④
8			Generator Rotor Inspection	13-27 กรกฎาคม 2567	16 วัน	/ ④
9			งานบำรุงรักษาไฟฟ้า 115 kV DCP-7022	18-21 พฤษภาคม 2567	4 วัน	②
10			งานบำรุงรักษาไฟฟ้า 115 kV DCP-7952	13-27 กรกฎาคม 2567	15 วัน	④
11	DCP-C10	Steam Turbine	CBM Online	12-16 สิงหาคม 2567	5 วัน	
12			งานบำรุงรักษาไฟฟ้า 115 kV DCP-7042, DCP-7032	12-13 ตุลาคม 2567	2 วัน	PP Island ③
13	DCP-S10	Auxiliary Boiler	YI+Boiler Protection Inspection	17-28 เมษายน 2567	12 วัน	/
14	DCP-S11	PTC CP (East Side)	CBM Online	19-25 สิงหาคม 2567	7 วัน	
15	DCP-S12	PTC CP (West Side)	CBM Online	19-25 สิงหาคม 2567	7 วัน	
16	DCP-S13	TG Chiller Plant	CBM Online	26-30 สิงหาคม 2567	5 วัน	
17	DCP-X10	Balance Of Plant	CBM Online	5-9 สิงหาคม 2567	5 วัน	
18			Electrical Certification	26-30 ตุลาคม 2567	4 วัน	
19			Crane Certification(1)	17-26 เมษายน 2567	10 วัน	
20			Crane Certification(2)	7-11 ตุลาคม 2567	5 วัน	
21	DCP-S14	SAT-1 Chiller Plant	YI+ Calibration	2-9 พฤศจิกายน 2567	8 วัน	/
22			Electrical Certification	26-30 ตุลาคม 2567	4 วัน	
23			Crane Certification(1)	17-26 เมษายน 2567	10 วัน	
24			Crane Certification(2)	7-11 ตุลาคม 2567	5 วัน	

หมายเหตุ : แผนข้างต้นอาจมีการปรับเปลี่ยน ซึ่งจะดำเนินการแก้ไขและแจ้งให้ทราบต่อไป

Rev.00  
21-Dec-23





## ภาคผนวกที่ 5

รายงานรับรองความปลอดภัยของระบบไฟฟ้า



สำนักเทคโนโลยีความปลอดภัย  
กรมโรงงานอุตสาหกรรม

สำหรับเจ้าหน้าที่รับเรื่อง

รหัส.....  
เลขรับเลขที่.....วันที่.....

### เอกสารรับรองความปลอดภัยของระบบไฟฟ้า

ข้าพเจ้า นายรัชพล ..... อายุ 55 ปี อาชีพ วิศวกรไฟฟ้า  
อยู่บ้านเลขที่ ..... หมู่ที่ 12 ตรอก/ซอย ..... ถนน .....  
ตำบล/แขวง ..... เขต ..... อำเภอ/เขต ..... เมือง ..... จังหวัด .....  
โทรศัพท์ 09 ..... ได้รับใบอนุญาตเป็นผู้ประกอบวิชาชีพวิศวกรรมควบคุม ประเภท วุฒิ วิศวกร  
สาขาวิศวกรรมไฟฟ้า ..... ตามพระราชบัญญัติวิศวกร พ.ศ. 2542  
เลขทะเบียน ..... วพก.991 ตั้งแต่วันที่ 27 กรกฎาคม 2565 ถึงวันที่ 26 กรกฎาคม 2570  
และไม่อยู่ในระหว่างถูกสั่งพักหรือเพิกถอนใบอนุญาตดังกล่าว พร้อมกันนี้ได้แนบสำเนาใบอนุญาตมาด้วยแล้ว  
ข้าพเจ้าได้ตรวจสอบระบบไฟฟ้าของโรงงานชื่อ บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด  
ชื่อผู้ประกอบการโรงงาน นายอรรธวุฒิ .....  
ประกอบกิจการ ..... ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น ..... ทะเบียนโรงงานเลขที่ 3-88-3/49สป  
อยู่บ้านเลขที่ 222 หมู่ที่ 1 ตรอก/ซอย ..... ถนน .....  
ตำบล/แขวง ..... อำเภอ/เขต ..... จังหวัด .....  
โทรศัพท์ 0 2327 4242 เมื่อวันที่ 7 เดือน สิงหาคม พ.ศ. 2567

ข้าพเจ้าขอรับรองว่าได้ตรวจสอบระบบไฟฟ้าของโรงงานรายนี้แล้ว ตามความรู้ซึ่งได้ทำดีที่สุดตามหลัก  
วิชาชีพและตามมาตรฐานที่อ้างอิง โดยมีผลการตรวจสอบและรายละเอียดตามแบบรายงานการตรวจสอบระบบ  
และอุปกรณ์ไฟฟ้ากับแบบแปลนระบบไฟฟ้าพร้อม Single Line Diagram ที่แนบ ซึ่งสามารถใช้งานต่อไปได้อีก 1 ปี  
โดยปลอดภัย ทั้งนี้ต้องมีการใช้งานอย่างถูกวิธีและมีการบำรุงรักษาตามหลักวิชาการ ข้าพเจ้าจึงลงลายมือชื่อไว้เป็น  
หลักฐาน

ลงชื่อ .....  
(.....)

ผู้ประกอบการโรงงานหรือผู้รับมอบอำนาจ

01 ต.ค. 2567

ลงชื่อ .....  
(.....)

วิศวกรผู้ตรวจสอบ

7 / ส.ค. / 2567

- หมายเหตุ
1. ผู้ตรวจสอบต้องเป็นผู้ได้รับอนุญาตให้ประกอบวิชาชีพวิศวกรรมควบคุมตามพระราชบัญญัติ วิศวกร พ.ศ. 2542
  2. ใช้เอกสารรับรองฉบับนี้ 1 ฉบับ ต่อทะเบียนโรงงาน 1 โรง



สำนักเทคโนโลยีความปลอดภัย  
กรมโรงงานอุตสาหกรรม

สำหรับเจ้าหน้าที่รับเรื่อง

รหัส.....

เลขรับเลขที่..... วันที่.....

รายงานการตรวจสอบระบบและอุปกรณ์ไฟฟ้าในโรงงานอุตสาหกรรม

ชื่อผู้ประกอบการ..... นายอรรณวุฒิ วรรณมคฺษญี.....  
ชื่อโรงงาน..... บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด..... ตั้งอยู่เลขที่..... 222..... หมู่ที่..... 1.....  
ซอย..... -..... ถนน..... -..... ตำบล/แขวง..... หนองปรือ.....  
อำเภอ/เขต..... บางพลี..... จังหวัด..... สมุทรปราการ..... โทร..... 0 2327 4242.....  
โทรสาร..... 0 2327 4244.....  
ประกอบกิจการ..... ผลิตกระแสไฟฟ้าและน้ำเย็น..... ลำดับที่..... 88.....  
ทะเบียนโรงงานเลขที่..... 3-883/49สป..... ใบอนุญาตหมดอายุวันที่.....  
[ ] การไฟฟ้านครหลวง [ ] การไฟฟ้าส่วนภูมิภาค [ ☒ ] มีเครื่องกำเนิดไฟฟ้า [ ].....  
- ระบบไฟฟ้าที่ใช้ในโรงงาน..... 3..... เฟส..... 3..... สาย..... 115,000..... โวลท์.....  
- ขนาดของมิเตอร์..... 800..... Amp..... 115,000..... Volt.....  
- หม้อแปลงไฟฟ้า (Transformer) [ ☒ ] มี [ ] ไม่มี.....  
ขนาดพิกัด..... 172,000..... KVA, ประเภท (Type)..... Oil-Immerse Type.....  
จำนวน..... 5..... ลูก ลักษณะการติดตั้งของแต่ละลูก..... Outdoor.....  
คะปาซิเตอร์ (Capacitor Bank) [ ] มี [ ☒ ] ไม่มี.....  
ตัวประกอบกำลังไฟฟ้า (power factor)..... > 0.85..... [ ] lead [ ] lag.....  
ปริมาณกระแสเฉลี่ย (Average Current)..... 512 A.....  
ปริมาณกระแสสูงสุด (Maximum Current)..... 535 A.....  
การจัดโหลดเพื่อให้เฟสสมดุลย์ (Balance load) [ ☒ ] เหมาะสม.....  
[ ] ไม่เหมาะสม.....  
- ปริมาณการใช้พลังงานไฟฟ้า..... 10,203,858..... kWh/เดือน.....  
- ขนาดสายเมน (Main Feeder)..... AACPS3400 Sq.mm.....  
- ระบบเมนสวิตช์ [ ]..... คัทเอ้าท์ขนาด..... ฟิวส์ขนาด.....  
[ ☒ ]..... เบรกเกอร์แบบ..... Gas Insulated Switch (GIS).....  
ขนาด..... 1,250..... A.....



## - ระบบสายดิน

- ตู้เมน ☒ มีขนาด 240 ตร.มม ☐ ไม่มี ☐ ต้องแก้ไข
- อุปกรณ์และเครื่องจักรต่างๆ ☒ มีถูกต้อง ☐ ไม่ถูกต้อง/ไม่ครบถ้วน ☐ ไม่มี ☐ ต้องแก้ไข

## - สายไฟและทางเดินสายไฟฟ้ามีสภาพ

☒ เรียบร้อย☐ ต้องแก้ไข

## - อุปกรณ์ไฟฟ้ามีสภาพ

☒ เรียบร้อย☐ ต้องแก้ไข

## - เครื่องจักรและเครื่องใช้ไฟฟ้ามีสภาพ

☒ เรียบร้อย☐ ต้องแก้ไข- พื้นที่จัดเก็บวัตถุไวไฟและวัตถุติดไฟได้ง่าย ☐ มี ☒ ไม่มี

- การติดตั้งและใช้อุปกรณ์ไฟฟ้า ☐ ไม่มี ☐ มี เป็นชนิด
- ☐ ต้องแก้ไข

- การจัดเก็บวัตถุไวไฟที่ต้องมีระบบความปลอดภัยพิเศษ เช่น ถังแก๊ส ☐ ไม่มี ☐ มี

- ระบบป้องกันฟ้าผ่า ☒ มีถูกต้อง ☐ มีรายละเอียดตามที่แนบ ☐ ไม่มี☐ ต้องแก้ไข

## สภาพระบบไฟฟ้าโดยรวมและความคิดเห็น

ระบบและอุปกรณ์ไฟฟ้าโดยรวมของ บริษัท ผลิตไฟฟ้าและน้ำเย็น ถูกต้องตามมาตรฐาน อยู่ในสภาพมีความพร้อม  
 ในการใช้งานและมีการตรวจสอบและบำรุงรักษาตามวาระเป็นประจำ สามารถใช้งานได้อย่างปลอดภัยต่อไปอีก 1 ปี  
 โดยปลอดภัย

หมายเหตุ : Steam Turbine Generator (1GTB-GEN-1) 14.5 MW 10.5 kV 3 Phase 50 Hz

Gas Turbine Generator1 (1GTL-GEN-1) 46 MW 11 kV 3 Phase 50 Hz

Gas Turbine Generator2 (1GTL-GEN-2) 46 MW 11 kV 3 Phase 50 Hz

ลงชื่อ

(นายรัชช ใกล้เคียง)

วิศวกรผู้ตรวจสอบ

7 / ส.ค. / 2567





## ภาคผนวกที่ 6

เอกสารการประชาสัมพันธ์รายละเอียดโครงการ  
ผลดี-ผลเสียของโครงการ





# เอกสารประชาสัมพันธ์โครงการ

## การเปลี่ยนแปลงรายละเอียดโครงการผลิตและจำหน่ายไฟฟ้า และน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ส่วนขยายครั้งที่ 3)

### เหตุผลและความเป็นมาของโครงการ

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ อยู่ภายในพื้นที่ท่าอากาศยานสุวรรณภูมิบริเวณด้านเหนือติดกับสถานีไฟฟ้าย่อยของท่าอากาศยานสุวรรณภูมิ เป็นโรงไฟฟ้าระบบโคเจนเนอเรชันที่ใช้ก๊าซธรรมชาติเป็นเชื้อเพลิงหลักในการผลิตกระแสไฟฟ้า โดยโครงการดังกล่าวได้มีการจัดทำรายงานการประเมินผลกระทบสิ่งแวดล้อม (EIA) ที่ขนาดกำลังการผลิตไฟฟ้าติดตั้ง 56 เมกะวัตต์ และกำลังการผลิตน้ำเย็น 12,600 ตันความเย็น เสนอให้สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม (สพ.) พิจารณาและได้รับความเห็นชอบ ตามหนังสือที่ ทส 1008/3932 ลงวันที่ 29 เมษายน พ.ศ. 2546 และได้ดำเนินการผลิตไฟฟ้าเชิงพาณิชย์ตั้งแต่วันที่ 1 มีนาคม พ.ศ. 2549 ทั้งนี้ จากการดำเนินงานที่ผ่านมาโครงการได้มีการขอเปลี่ยนแปลงรายละเอียดโครงการและขยายกำลังการผลิต โดยจัดทำรายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการ นำเสนอต่อ สพ. และได้รับความเห็นชอบในปี พ.ศ. 2547 พ.ศ. 2549 พ.ศ. 2552 และ พ.ศ. 2563 ซึ่งปัจจุบันมีขนาดกำลังการผลิตไฟฟ้าประมาณ 94 เมกะวัตต์ (กำลังการผลิตตามใบอนุญาต 105.6 เมกะวัตต์) และกำลังการผลิตน้ำเย็น 29,300 ตันความเย็น โดยได้รับความเห็นชอบในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็น สำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) จากสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ตามหนังสือ เลขที่ ทส 1010.7/17827 ลงวันที่ 28 ธันวาคม 2563)

ปัจจุบันเครื่องจักรของโครงการมีประสิทธิภาพลดลงเนื่องจากอายุการใช้งานมานานกว่า 17 ปี และเพื่อเป็นการเสริมความมั่นคงในการรองรับการบริการสนามบินสุวรรณภูมิได้ตลอดเวลา บริษัทฯ มีแผนการเปลี่ยนเครื่องจักรและขยายกำลังการผลิตไฟฟ้า ไอน้ำ และน้ำเย็นสำหรับระบบปรับอากาศ ประกอบด้วย เปลี่ยนหม้อไอน้ำ (HRSG) เปลี่ยนกังหันไอน้ำ (STG) ติดตั้งเครื่องผลิตน้ำเย็นไฟฟ้า (Electric Chiller) และปรับปรุงระบบสาธารณูปโภคอื่นๆ โดยมีที่ตั้งอยู่ทางทิศเหนือของท่าอากาศยานสุวรรณภูมิ

### สอบถามข้อมูลเพิ่มเติม



บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
เลขที่ 222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540  
โทรศัพท์ 0-2327-4242 โทรสาร 0-2327-4244



3/4 ถนนประเสริฐมนูกิจ แขวงคลองจั่น เขตบึงกุ่ม กรุงเทพมหานคร 10240  
โทรศัพท์ 0 2379 0141-2 โทรสาร 0 2379 0143-4  
www.enticcompany.com



# วัตถุประสงค์ของการเปลี่ยนแปลงรายละเอียดโครงการ

01

เพื่อเปลี่ยนเครื่องจักรและขยายกำลังการผลิตไฟฟ้า ไอน้ำ และน้ำเย็นสำหรับระบบปรับอากาศของท่าอากาศยานสุวรรณภูมิ

02

เพื่อรวบรวมข้อมูลสภาพแวดล้อมปัจจุบันของโครงการ ครอบคลุมทรัพยากรและสิ่งแวดล้อม 4 ด้าน ได้แก่ ทรัพยากรกายภาพ ทรัพยากรชีวภาพ คุณค่าการใช้ประโยชน์ของมนุษย์ และคุณค่าคุณภาพชีวิต

03

เพื่อวิเคราะห์และประเมินผลกระทบสิ่งแวดล้อมทั้งทางตรงและทางอ้อมที่คาดว่าจะเกิดขึ้นจากการดำเนินโครงการฯ ทั้งในระยะก่อสร้างและระยะดำเนินการ

04

เพื่อทบทวน ปรับปรุงและเสนอแนะมาตรการป้องกันแก้ไขและลดผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมของโครงการ ที่ระบุในรายงานฯ ฉบับที่ได้รับความเห็นชอบให้สอดคล้องกับการเปลี่ยนแปลงรายละเอียดโครงการฯ และผลการประเมินผลกระทบสิ่งแวดล้อม

05

จัดให้มีกระบวนการมีส่วนร่วมของประชาชน เพื่อรับฟังความคิดเห็นของประชาชนในพื้นที่รอบโครงการฯ

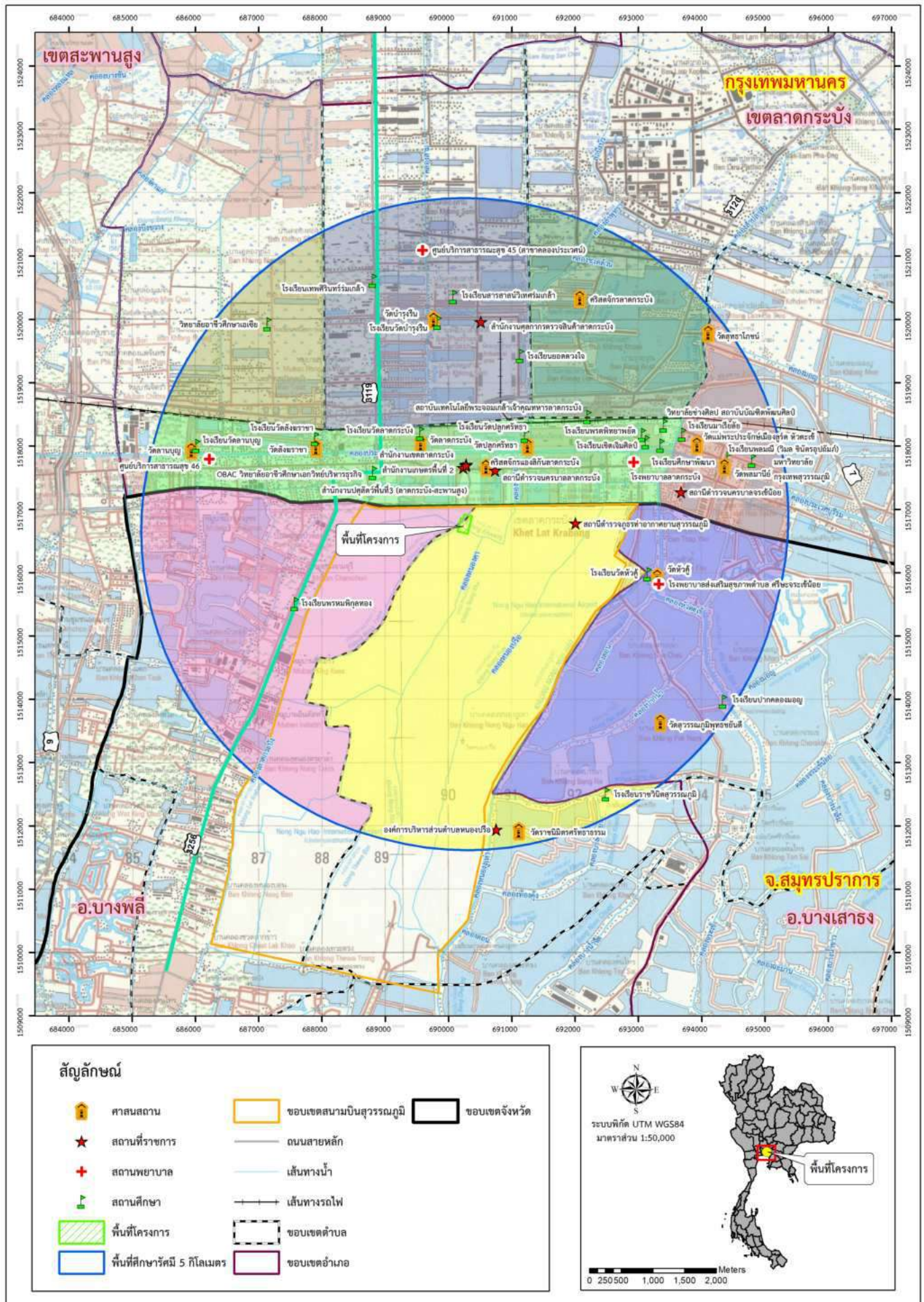
## พื้นที่ศึกษา

พื้นที่ศึกษาโครงการครอบคลุมพื้นที่ในรัศมี 5 กิโลเมตรจากที่ตั้งโครงการ ในเขตพื้นที่ 3 ตำบล 5 แขวง ได้แก่ ตำบลราชาเทวะ ตำบลหนองปรือ อำเภอบางพลี ตำบลศีรษะจรเข้น้อย อำเภอบางเสาธง จังหวัดสมุทรปราการ แขวงทับยาว แขวงลาดกระบัง แขวงลำปลาทิว แขวงคลองสามประเวศ และแขวงคลองสองต้นนุ่น เขตลาดกระบัง กรุงเทพมหานคร

จังหวัด	เขต/อำเภอ	แขวง/ตำบล
กรุงเทพมหานคร	ลาดกระบัง	ทับยาว
		ลาดกระบัง
		ลำปลาทิว
		คลองสามประเวศ
		คลองสองต้นนุ่น
สมุทรปราการ	บางพลี	ราชาเทวะ
		หนองปรือ
	บางเสาธง	ศีรษะจรเข้น้อย
2 จังหวัด	1 เขต 2 อำเภอ	5 แขวง 3 อบท.



# แผนที่แสดงขอบเขตพื้นที่ศึกษา





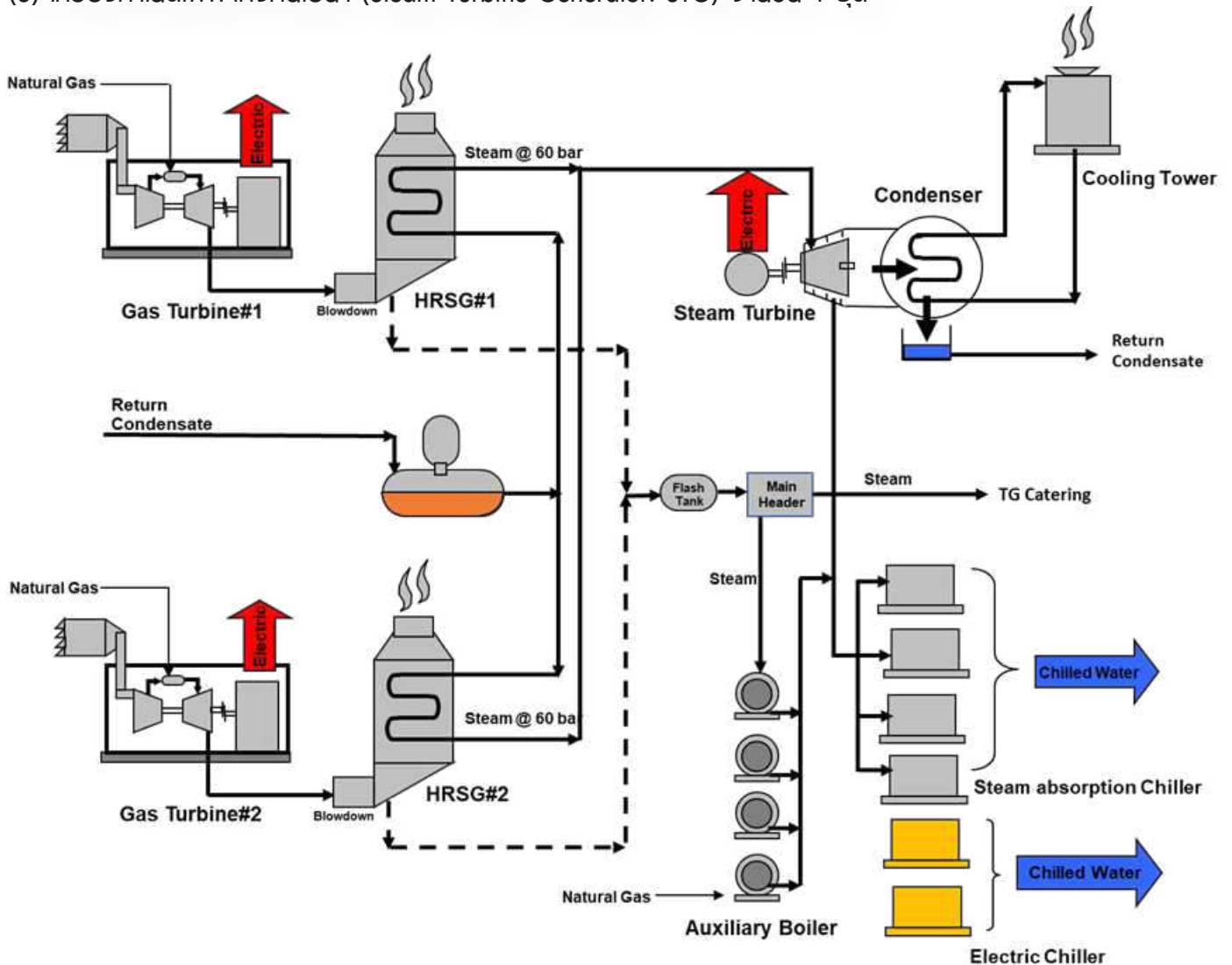
# ลักษณะโครงการ

## ลักษณะกระบวนการผลิต

โรงไฟฟ้าพลังความร้อนร่วม (Cogeneration) โดยได้ผลิตกันท์ ได้แก่ กระแสไฟฟ้าและไอน้ำจากแหล่งเชื้อเพลิงชนิดเดียว และ DCAP ยังนำพลังงานความร้อนเหลือทิ้ง (ไอน้ำ) จากกระบวนการผลิตไฟฟ้าไปใช้เป็นต้นกำลังในการผลิตน้ำเย็น

## กระบวนการผลิตไฟฟ้า

- (1) เครื่องกำเนิดไฟฟ้ากังหันก๊าซ (Gas Turbine: GT) จำนวน 2 ชุด
- (2) หม้อไอน้ำ (Heat Recovery Steam Generation: HRSG) จำนวน 2 ชุด
- (3) เครื่องกำเนิดไฟฟ้ากังหันไอน้ำ (Steam Turbine Generator: STG) จำนวน 1 ชุด



## กระบวนการผลิตน้ำเย็น

- (1) เครื่องทำน้ำเย็นแบบดูดซึม (Steam Absorption Chiller, SAC) จำนวน 11 ชุด
- (2) เครื่องทำน้ำเย็น (Electric Chiller) จำนวน 4 ชุด

## กำลังการผลิตติดตั้งรวม

ไฟฟ้าประมาณ 94 เมกะวัตต์ (กำลังการผลิตตามใบอนุญาต 105.6 เมกะวัตต์)  
และน้ำเย็นประมาณ 29,300 ตันความเย็น

## การใช้น้ำ

รับซื้อน้ำประปา จาก ทอ. โดย ทอ. รับมาจากการประปานครหลวงประมาณ 6,000 ลูกบาศก์เมตรต่อวัน

## การใช้เชื้อเพลิง

เชื้อเพลิงที่ใช้ในการผลิตกระแสไฟฟ้าของโครงการ คือ ก๊าซธรรมชาติซึ่งโครงการรับจาก บริษัท ปตท. จำกัด (มหาชน)



# สรุปการเปลี่ยนแปลงรายละเอียดโครงการ

การเปลี่ยนแปลงรายละเอียดโครงการครั้งนี้ เป็นการเปลี่ยนเครื่องจักรและขยายกำลังการผลิตของโครงการ ประกอบด้วย เปลี่ยนหม้อไอน้ำ (HRSG) จำนวน 2 ชุด เปลี่ยนกังหันไอน้ำ (STG) จำนวน 1 ชุด ติดตั้งเครื่องผลิตน้ำเย็นไฟฟ้า (Electric Chiller) จำนวน 2 ชุด และปรับปรุงระบบสนับสนุนอื่นของเครื่องจักรที่เปลี่ยนไป

ลำดับ	รายการ	หน่วย	ปัจจุบัน			หลังเปลี่ยนแปลง			หมายเหตุ
			กำลังการผลิต/ชุด	จำนวน (ชุด)	รวม	กำลังการผลิต/ชุด	จำนวน (ชุด)	รวม	
พื้นที่โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็น									
1	กังหันก๊าซ (GT)	เมกะวัตต์	46	2	92	46	2	92	
2	หม้อไอน้ำ (HRSG)	ตัน/ชั่วโมง	44.5	2	89	HP 45 LP 14.5	2	90	เปลี่ยนเครื่องจักร
3	กังหันไอน้ำ (STG)	เมกะวัตต์	13.6	1	13.6	28	1	28	เปลี่ยนเครื่องจักร
4	หม้อไอน้ำสำรอง	ตัน/ชั่วโมง	18	2	36	18	2	36	
			20	2	40	20	2	40	
5	Electric Chiller สำหรับ GT	ตันความเย็น	2,240	2	4,480	2,240	2	4,480	
6	Steam Absorption Chiller	ตันความเย็น	1,500	3	4,500	1,500	3	4,500	
หน่วยผลิตน้ำเย็นอาคารลานจอดรถ									
7	Steam Absorption Chiller	ตันความเย็น	2,100	8	16,800	2,100	8	16,800	
8	Electric Chiller	ตันความเย็น	2,000	4	8,000	2,000	4	8,000	
9	Electric Chiller	ตันความเย็น	-	-	-	4,000	2	8,000	ติดตั้งเพิ่มเติม

หมายเหตุ : <sup>1</sup> กำลังการผลิตและรายการอุปกรณ์อาจเปลี่ยนแปลงให้เหมาะสมตามการออกแบบทางด้านวิศวกรรม  
<sup>2</sup> กำลังการผลิตสูงสุดตามใบอนุญาตผลิตไฟฟ้า

## ขอบเขตการศึกษาและแนวทางการประเมินผลกระทบสิ่งแวดล้อมของโครงการ

การศึกษาประกอบด้วยการดำเนินงาน 2 ส่วน คือ การศึกษาเพื่อจัดทำรายงานการประเมินผลกระทบสิ่งแวดล้อม และการดำเนินการด้านการมีส่วนร่วมของประชาชน มีสาระสำคัญดังนี้

### การศึกษาสภาพสิ่งแวดล้อมปัจจุบันของพื้นที่ศึกษาโครงการ

- ศึกษาเกี่ยวกับรายละเอียดโครงการ กระบวนการ ระบบความปลอดภัย และระบบการจัดการด้านสิ่งแวดล้อม
- ศึกษารายละเอียดที่มีการเปลี่ยนแปลง และข้อมูลการออกแบบของโครงการ โดยบริษัทที่ปรึกษาจะรวบรวมขั้นตอนการดำเนินงานต่างๆ พร้อมทั้งกิจกรรมการดำเนินการของโครงการที่บ่งชี้ประเด็นและวิเคราะห์ถึงปัญหาที่อาจเกิดขึ้นทั้งในระยะก่อสร้างและระยะดำเนินการโครงการ ที่จะมีความกระทบต่อสิ่งแวดล้อมที่ต้องกำหนดมาตรการควบคุม แก้ไขและลดผลกระทบต่างๆ ทั้งในระยะก่อสร้างและระยะดำเนินการ
- ศึกษาสภาพแวดล้อมในปัจจุบันของพื้นที่ศึกษาโดยรอบโครงการที่เป็นประเด็นสำคัญ และอาจได้รับผลกระทบจากการดำเนินโครงการตามแนวทางของ สผ. ซึ่งครอบคลุมถึงทรัพยากรสิ่งแวดล้อมทางกายภาพ ทรัพยากรสิ่งแวดล้อมทางชีวภาพ คุณค่าการใช้ประโยชน์ของมนุษย์ คุณค่าต่อคุณภาพชีวิต สุขภาพและอาชีวอนามัย ขั้นตอนการดำเนินงาน
- ประเมินผลกระทบสิ่งแวดล้อม เป็นการคาดการณ์ผลกระทบที่อาจเกิดขึ้นจากการเปลี่ยนแปลงรายละเอียดโครงการทั้งในระยะก่อสร้างและระยะดำเนินการ โดยพิจารณาทั้งด้านบวกและด้านลบ ครอบคลุมถึงผลกระทบที่อาจเกิดขึ้นจากกิจกรรมต่างๆ ของโครงการ ที่อาจส่งผลกระทบต่อสภาพแวดล้อมโดยรอบ รวมทั้งประเมินผลกระทบที่อาจเกิดขึ้นโดยแยกประเด็น แสดงสาเหตุและลักษณะของผลกระทบทั้งทางตรงและทางอ้อม ระดับความรุนแรงของผลกระทบ รวมทั้งเชื่อมโยงความสัมพันธ์ของผลกระทบด้านต่างๆ ที่อาจมีต่อกัน เช่น ผลกระทบคุณภาพอากาศและสาธารณสุข เป็นต้น



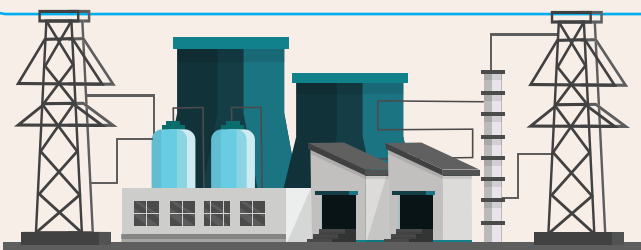
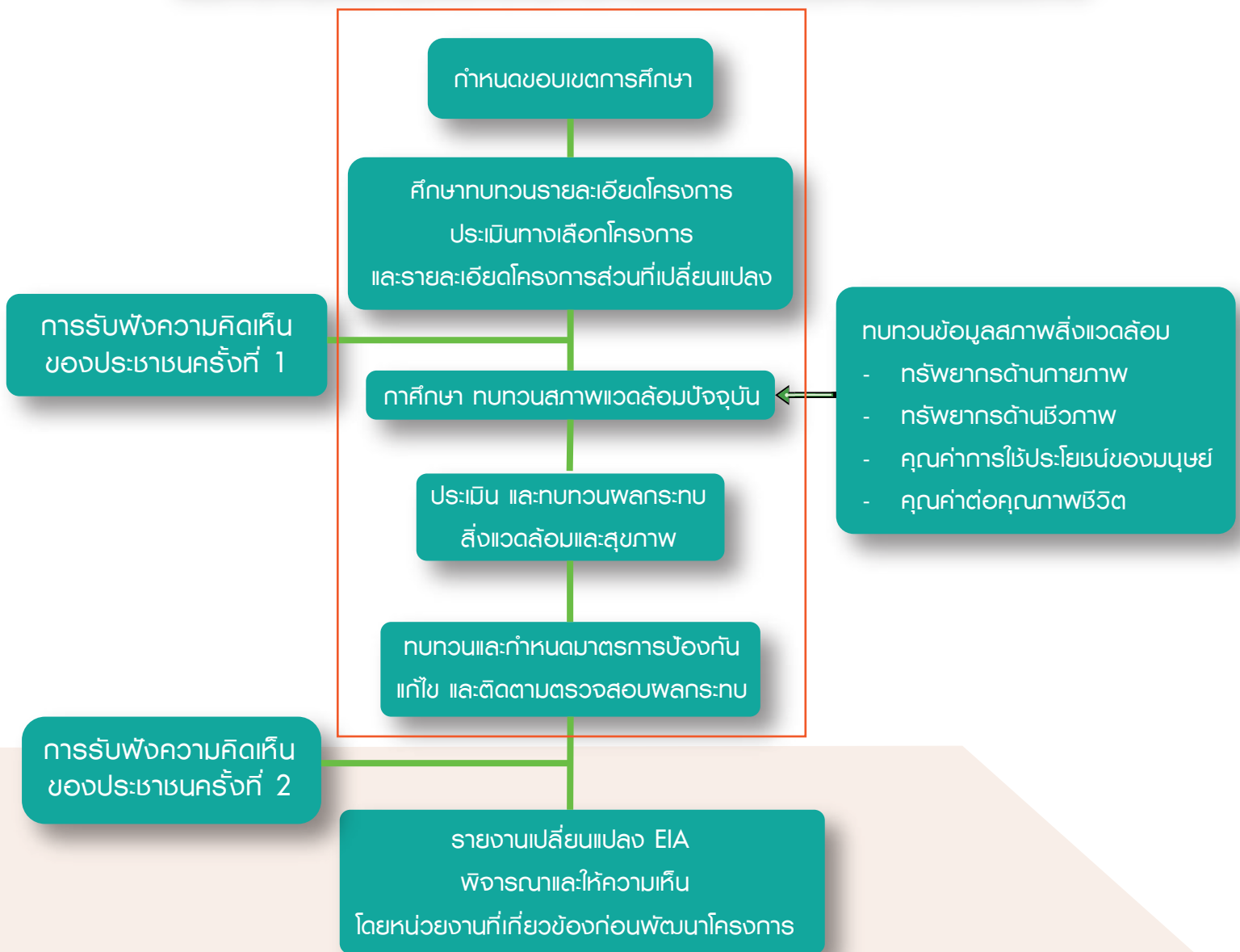
# ขอบเขตการศึกษาและแนวทางการประเมินผลกระทบสิ่งแวดล้อมของโครงการ

## การศึกษาสภาพสิ่งแวดล้อมปัจจุบันของพื้นที่ศึกษาโครงการ

🔸 ทบทวนมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและนำเสนอมาตรการที่จำเป็นจากการเปลี่ยนแปลงรายละเอียดโครงการ เมื่อประเมินจนทราบผลกระทบจากการเปลี่ยนแปลงรายละเอียดโครงการแล้ว จะทบทวนมาตรการป้องกัน แก้ไข และลดผลกระทบที่เหมาะสม และปฏิบัติได้ในแต่ละเรื่อง ทั้งในระยะก่อสร้างและดำเนินการ ก่อนที่จะสรุปและเสนอปรับปรุง มาตรการที่เหมาะสมที่สุด

🔸 ทบทวน และเสนอแนวทางติดตามและตรวจสอบการเปลี่ยนแปลงของคุณภาพสิ่งแวดล้อมตามที่ได้ประเมินไว้ และเสนอ แผนการจัดการด้านสิ่งแวดล้อม

## แนวทางการศึกษาและจัดทำรายงานการขอเปลี่ยนแปลงรายละเอียดโครงการ





## การดำเนินงานด้านสังคมและการมีส่วนร่วมของประชาชนที่ผ่านมา

จากการดำเนินงานด้านสังคม การประชาสัมพันธ์ข้อมูลโครงการ การมีส่วนร่วมของประชาชน เพื่อเป็นการให้ข้อมูลข่าวสารและเผยแพร่รายละเอียดโครงการ และเปิดโอกาสให้ทุกภาคส่วนที่เกี่ยวข้องได้แสดงความคิดเห็น ข้อเสนอแนะ ขอร้องท้วงติง และให้ข้อเสนอแนะต่อการศึกษาผลกระทบสิ่งแวดล้อมและการดำเนินโครงการ สรุปกิจกรรมที่สำคัญได้

การประชาสัมพันธ์ข้อมูลโครงการ และปรึกษาหารือ วัน เวลา สถานที่ และรูปแบบการจัดการรับฟังความคิดเห็น ร่วมกับหัวหน้าส่วนราชการระดับจังหวัด ระดับเขต/อำเภอ องค์กรปกครองส่วนท้องถิ่น ผู้นำชุมชน ช่วงเดือน กันยายน - ตุลาคม พ.ศ. 2566



การปิดประกาศให้ประชาชนทราบถึงวิธีการรับฟังความคิดเห็น ระยะเวลา สถานที่จัดประชุม ล่วงหน้า ณ บอร์ดประชาสัมพันธ์ ของหน่วยงานราชการ ระดับจังหวัด ระดับอำเภอ องค์กรปกครองส่วนท้องถิ่น พื้นที่ อ่อนไหวและที่ทำการผู้นำชุมชนในพื้นที่ศึกษา เป็นต้น ช่วงเดือนตุลาคม พ.ศ. 2566



การจัดกิจกรรมรับฟังความคิดเห็นของประชาชน ครั้งที่ 1 ต่อร่างข้อเสนอรายละเอียดโครงการ ขอบเขตการศึกษา และการประเมินแนวทางเลือกของโครงการ โดยดำเนินการในวันที่ 8 พฤศจิกายน พ.ศ. 2566



การสำรวจข้อมูลด้านเศรษฐกิจสังคมและความคิดเห็นของประชาชน วันที่ 8-19 พฤศจิกายน พ.ศ. 2566





# ตัวอย่างมาตรการป้องกันและแก้ไขผลกระทบ ในระยะก่อสร้างและในระยะดำเนินการ

ประเด็นสิ่งแวดล้อม	ระยะก่อสร้าง	ระยะดำเนินการ
 <p><b>คุณภาพอากาศ</b></p>	<ul style="list-style-type: none"> <li>- พรมน้ำบริเวณพื้นที่ก่อสร้าง และถนนภายในโครงการอย่างน้อย วันละ 2 ครั้ง</li> <li>- ตรวจสอบเครื่องมือ เครื่องจักร และเครื่องยนต์ ให้อยู่ในสภาพดีและพร้อมใช้งานอยู่เสมอ</li> <li>- ล้างล้อรถบรรทุกก่อนออกจากพื้นที่โครงการทุกครั้ง</li> <li>- ให้อัดเครื่องยนต์ทุกครั้งทิ้งจอดรถ</li> </ul>	<ul style="list-style-type: none"> <li>- ติดตั้งระบบการติดตามตรวจสอบการระบายมลสารต่อเนื่อง (Continuous Emission Monitoring System) โดยตรวจวัด NO<sub>2</sub> SO<sub>2</sub> และ O<sub>2</sub> ณ ปล่องระบายมลสารทั้ง 2 ปล่อง</li> <li>- ติดตั้งระบบควบคุมการระบายก๊าซไนโตรเจนไดออกไซด์ด้วยระบบ DLE โดยกำหนดค่าควบคุมค่าความเข้มข้นของออกไซด์ของไนโตรเจนไม่ให้เกินกว่า 60 ppm ที่ปริมาณออกซิเจนส่วนเกินร้อยละ 7</li> </ul>
 <p><b>มลพิษทางเสียง</b></p>	<ul style="list-style-type: none"> <li>- กิจกรรมที่ก่อให้เกิดเสียงดังให้ดำเนินการเฉพาะเวลากลางวัน</li> <li>- หากจำเป็นต้องใช้เครื่องตอกเสาเข็มให้เลือกใช้แบบที่เหมาะสมกับขนาดของเข็ม ซึ่งสามารถลดผลกระทบด้านเสียงได้</li> <li>- กำหนดระยะเวลาปฏิบัติงานของอุปกรณ์ปฏิบัติงานในบริเวณที่มีเสียงดังเกิน 85 เดซิเบลเอ ให้ทำงานได้ไม่เกิน 8 ชั่วโมง/วัน และจัดให้มีอุปกรณ์ป้องกัน เช่น ปลั๊กอุดหู (Ear Plug) หรือที่ครอบหู (Ear Muffs) ที่มีมาตรฐาน และมีคุณสมบัติไม่น้อยกว่าที่กฎหมายกำหนด</li> </ul>	<ul style="list-style-type: none"> <li>- ควบคุมระดับเสียงที่รัศมีรัศมีการไม่เกิน 70 เดซิเบล(เอ) รวมทั้งควบคุมระดับเสียงบริเวณแหล่งกำเนิดเสียง ได้แก่ GT &amp; Generator ชุดที่ 1 และ 2 โดยติดตั้งกำแพงกันเสียงอัตรามวลเป็นรูปตัวยู หนาประมาณ 20 เซนติเมตร สูง 3.5 เมตร และยาวประมาณ 61 และ 57 เมตร ตามลำดับ เพื่อลดผลกระทบด้านเสียงบริเวณรัศมีรัศมีการ</li> <li>- ปลูกต้นไม้เพิ่มเติมริมรั้วภายในด้านทิศตะวันออก ทิศตะวันตก ทิศเหนือ และทิศใต้ โดยต้นไม้ที่ปลูกเป็นต้นไม้ยืนต้น เช่น ต้นโอ๊กอินเดีย ต้นลีลาวดี และต้นต้นเปิดน้ำ เป็นต้น</li> </ul>
 <p><b>คุณภาพน้ำผิวดินและการระบายน้ำ</b></p>	<ul style="list-style-type: none"> <li>- จัดให้มีห้องสุขาเคลื่อนที่ที่มีระบบบำบัดน้ำเสียที่ถูกต้อง สดชื่น: ประมาณ 15 ห้อง ในสัดส่วน 1:15 คน</li> </ul>	<ul style="list-style-type: none"> <li>- น้ำทิ้งจากการ Regenerate ระบบ Demineralization และน้ำทิ้งจากอาคาร Water Treatment จะถูกรวบ รวมเข้าสู่ระบบ Neutralization และน้ำทิ้งประเภท Miscellaneous Drain ได้แก่ น้ำฝนบนเพดาน บานบนเพดาน เป็นต้น รวบรวมเข้าสู่ Oil Water Separator ก่อนระบายลงสู่บ่อพักน้ำทิ้ง (Holding Pond) ของโครงการ ขนาด 500 ลูกบาศก์เมตร ซึ่งสามารถรองรับน้ำทิ้งได้ไม่น้อยกว่า 1 วัน ก่อนไหลล้น (Overflow) สู่คลองระบายน้ำด้านในรอบท่าอากาศยานสุวรรณภูมิ</li> <li>- น้ำทิ้งจาก HRSG นำกลับไปใช้ในการผลิตไอน้ำ และน้ำทิ้งส่วนที่เหลือจะถูกระบายลงสู่บ่อพักน้ำทิ้ง (Holding Pond) เพื่อนำกลับมาใช้ในการรดน้ำต้นไม้ของโครงการ ก่อนระบายลงสู่คลองระบายน้ำด้านในรอบท่าอากาศยานสุวรรณภูมิ</li> </ul>
 <p><b>อาชีวอนามัย ความปลอดภัย และสุขภาพ</b></p>	<ul style="list-style-type: none"> <li>- จัดให้มีอุปกรณ์ปฐมพยาบาลเบื้องต้นตามที่กฎหมายกำหนดไว้ บริเวณพื้นที่ก่อสร้าง และจัดให้มียานพาหนะพร้อมสำหรับการนำผู้ประสบอุบัติเหตุส่งโรงพยาบาลได้ทันทีในระหว่างที่มีอุบัติเหตุขณะทำงาน</li> <li>- ที่พนักงานต้องจัดให้ระบบสาธารณสุขโรค-สาธารณสุข การให้พอเพียง และถูกต้องตามหลักสุขาภิบาลสิ่งแวดล้อมอาชีวอนามัย และความปลอดภัย</li> <li>- ต้องจัดหาอุปกรณ์ป้องกันเสียง (ที่ครอบหู) ให้กับเจ้าหน้าที่เข้าปฏิบัติงาน และต้องควบคุมให้ใช้อุปกรณ์ป้องกันเสียง(ที่ครอบหู) ตลอดเวลาที่ปฏิบัติงาน</li> <li>- จัดให้มีการพลัดเปลี่ยนการเข้าปฏิบัติงานทุกๆ 4 ชม. หรือให้เจ้าหน้าที่หยุดพัก 1 ชั่วโมง หลังจากเข้าทำงานในพื้นที่ก่อสร้าง เพื่อลดความเครียดในการทำงานและป้องกันผลกระทบต่อการได้ยิน</li> <li>- อบรมและให้ความรู้ด้านความปลอดภัยในเขตก่อสร้าง พร้อมอบรมการใช้อุปกรณ์ป้องกันอันตรายส่วนบุคคล</li> <li>- ห้ามเสพสุราในขณะทำงาน</li> <li>- จัดบันทึกอุบัติเหตุต่างๆ และทำการวิเคราะห์ข้อมูลเพื่อหาแนวทางแก้ไข</li> <li>- จัดให้มีการประสานงานกับสถานพยาบาลในบริเวณใกล้เคียง เช่น โรงพยาบาลลาดกระบัง เป็นต้น ในกรณีที่ต้องส่งต่อผู้ป่วย</li> <li>- กำหนดการดำเนินงานด้านอาชีวอนามัยและความปลอดภัยในการก่อสร้างโครงการไว้ในสัณนิบาตว่าจ้างผู้รับเหมา ก่อสร้าง เช่น <ul style="list-style-type: none"> <li>• อบรมพนักงานก่อนเข้าทำงานในโครงการให้มีความรู้ด้านความปลอดภัยในการทำงาน (Safety First) และวิธีการป้องกันอุบัติเหตุต่างๆ จากการดำเนินงาน รวมทั้งวิธีการระงับเหตุต่างๆ</li> <li>• กำหนดอุปกรณ์ป้องกันอันตรายส่วนบุคคลสำหรับคนงานในพื้นที่ก่อสร้าง</li> </ul> </li> <li>- กำหนดพื้นที่ในการก่อสร้างอย่างชัดเจน และมีเจ้าหน้าที่รักษาความปลอดภัยตลอด 24 ชั่วโมง เป็นต้น</li> </ul>	<ul style="list-style-type: none"> <li>- ตรวจสอบระบบป้องกันเพลิงไหม้ของโครงการ ได้แก่ ระบบจ่ายน้ำดับเพลิง แรงดันและปริมาณน้ำดับเพลิง ให้อยู่ในสภาพพร้อมใช้งานตลอดระยะเวลาดำเนินการ</li> <li>- ตรวจสอบสัญลักษณ์เคเบิลไฟฟ้าให้ถูกต้องตามมาตรฐานออกแบบของ NFPA 12A ที่กำหนดไว้ และหลีกเลี่ยงการใช้ระบบดับเพลิงชนิด Halon 1301 สำหรับห้องควบคุมอุปกรณ์ไฟฟ้า</li> <li>- ผู้ปฏิบัติงานของหน่วยผลิตไฟฟ้าจะต้องได้รับการฝึกด้านทักษะและความรู้ในการปฏิบัติงาน รวมทั้งการทดสอบปฏิบัติงานในช่วงเวลา 6 เดือน ก่อนปฏิบัติงานจริง</li> <li>- จัดทำคู่มือการควบคุมการเดินระบบ คู่มือการปฏิบัติงานเกี่ยวกับการทำงานของระบบฉีดน้ำดับเพลิง หัวจ่ายน้ำดับเพลิง และเรียบเรียงขั้นตอนการปฏิบัติอย่างชัดเจนจ่ายต่อการปฏิบัติ</li> <li>- จัดให้มีแผนปฏิบัติงานด้านความปลอดภัยของโครงการ และแผนปฏิบัติการฉุกเฉิน โดยจัดให้มีองค์กรบริหารด้านความปลอดภัย และอุปกรณ์ป้องกันความปลอดภัยอื่นๆ ให้พอเพียงพร้อมทั้งจัดให้มีการซ้อมแผนฉุกเฉินเป็นประจำอย่างน้อยปีละ 1 ครั้ง</li> <li>- ฝึกอบรมให้พนักงานทุกคนในโครงการให้มีความรู้ และความเข้าใจในด้านอาชีวอนามัยและ ความปลอดภัย รวมถึงแผนปฏิบัติในการป้องกันและระงับอุบัติเหตุต่างๆ</li> </ul>





## ภาคผนวกที่ 7

ขั้นตอนการดำเนินการ เรื่อง แนวทางการเฝ้าระวัง  
และควบคุมคุณภาพอากาศ



 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง แนวทางการเฝ้าระวังและควบคุมคุณภาพอากาศ</p>		
รหัสเอกสาร EP-DCP-05	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 5 เมษายน 2564	หน้า 1 / 9

## เอกสารควบคุม

### ขั้นตอนการดำเนินงาน

### เรื่อง

### แนวทางการเฝ้าระวังและควบคุมคุณภาพอากาศ

<p>จัดทำโดย _____ ชื่อ-สกุล _____ ตำแหน่ง _____</p>	<p style="text-align: center;">วันที่แจกจ่าย <u>- 5 เม.ย. 2564</u></p>
<p>ตรวจสอบโดย _____ ชื่อ-สกุล _____ ตำแหน่ง _____</p>	
<p>อนุมัติโดย _____ ชื่อ-สกุล _____ ตำแหน่ง _____</p>	<p style="text-align: center;">วันที่มีผลบังคับใช้ <u>- 5 เม.ย. 2564</u></p>




 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;">ขั้นตอนการดำเนินงาน เรื่อง แนวทางการเฝ้าระวังและควบคุมคุณภาพอากาศ</p>		
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**ตารางการแจกจ่ายเอกสารควบคุม**

ประเภท	สำเนาหมายเลข	ชื่อ/ตำแหน่ง/แหล่งข้อมูล	หมายเลขเครื่อง/สถานที่
เอกสารต้นฉบับ	-	เจ้าหน้าที่ควบคุมระบบเอกสารและข้อมูล	สำนักงาน DCAP
Hard Copy	สำเนาหมายเลข 1	คกบผ.	สำนักงาน คกบผ.
Electronic Copy	Copy Files 1	พนักงานบริหารทั่วไป	Server DCAP (ISO) /Central Control Room
Electronic Copy	Copy Files 2	พนักงานบริหารทั่วไป (คกบผ.)	Server DCAP (DCAP-EGAT-Data) /Central Control Room



 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง แนวทางการเฝ้าระวังและควบคุมคุณภาพอากาศ</p>		
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 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> <b>ขั้นตอนการดำเนินงาน</b> <b>เรื่อง แนวทางการเฝ้าระวังและควบคุมคุณภาพอากาศ</b></p>		
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### 1. วัตถุประสงค์

เพื่อเป็นแนวทางในการเฝ้าระวังและควบคุมมลพิษอากาศที่ปล่อยออกจากโรงไฟฟ้า ให้มีค่าควบคุมเป็นไปตามที่ EIA กำหนด และอยู่ในเกณฑ์มาตรฐานตามที่กฎหมายกำหนด

### 2. ขอบเขต

ขั้นตอนการดำเนินงานนี้ ใช้เป็นแนวทางสำหรับการเฝ้าระวัง และควบคุมปริมาณสารเจือปนในอากาศที่ปล่อยจากปล่อง HRSG และปล่อง Auxiliary Boiler และระบบตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติอย่างต่อเนื่อง (Continuous Emission Monitoring System: CEMS )

### 3. คำจำกัดความ

DCAP	หมายถึง	บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด หรือ District Cooling System and Power Plant Co., Ltd.
คกบผ.	หมายถึง	โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย
CEMS	หมายถึง	ระบบตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติอย่างต่อเนื่อง (Continuous Emission Monitoring System)
HRSG	หมายถึง	Heat Recovery Steam Generator



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#### 4. ขั้นตอนการดำเนินงาน

- 4.1 DCAP กำหนดให้มีค่าปริมาณสารเจือปนในอากาศที่ปล่อยจากปล่อง HRSG และ Auxiliary Boiler ให้มีค่าอยู่ในเกณฑ์ตามที่กฎหมายและตามข้อกำหนดของ EIA ดังนี้

พารามิเตอร์	ค่าควบคุมคุณภาพอากาศจากปล่อง (ที่ 1 atm, 25°C, 7%O <sub>2</sub> )		
	ปล่องระบายอากาศ HRSG	ปล่องระบายอากาศ Auxiliary	
	(ใช้ก๊าซธรรมชาติ)	(ใช้ก๊าซธรรมชาติ)	(ใช้น้ำมันดีเซล)
ซัลเฟอร์ไดออกไซด์ (SO <sub>2</sub> )	ไม่เกิน 10 ppm	ไม่เกิน 10 ppm	ไม่เกิน 100.86 ppm
ออกไซด์ของไนโตรเจนในรูปไนโตรเจนไดออกไซด์ (NO <sub>2</sub> )	ไม่เกิน 60 ppm	ไม่เกิน 76 ppm	ไม่เกิน 103.19 ppm
ฝุ่นละออง (TSP)	ไม่เกิน 16.2 mg/m <sup>3</sup>	ไม่เกิน 38 mg/m <sup>3</sup>	ไม่เกิน 23.23 mg/m <sup>3</sup>

- 4.2 เจ้าหน้าที่เดินเครื่อง คกบผ. ตั้งค่าระบบการติดตามตรวจสอบการระบายมลสารอย่างต่อเนื่องให้แจ้งเตือน (Alarm) เป็น 2 ระดับ ดังนี้
- 4.2.1 ระดับที่ 1 เมื่อค่าการระบายก๊าซออกไซด์ของไนโตรเจน (NOX) จากปล่อง HRSG1 และ HRSG2 มีค่าความเข้มข้นร้อยละ 90 ของค่าควบคุม หรือ 54 ppm เจ้าหน้าที่เดินเครื่องต้องวิเคราะห์หาสาเหตุ และเฝ้าระวังค่าการระบายปริมาณก๊าซออกไซด์ของไนโตรเจนไม่ให้เกินกว่าค่าควบคุม
- 4.2.2 ระดับที่ 2 เมื่อค่าการระบายก๊าซออกไซด์ของไนโตรเจน (NOX) จากปล่อง HRSG1 และ HRSG2 มีค่าความเข้มข้นร้อยละ 95 ของค่าควบคุม หรือ 57 ppm เจ้าหน้าที่เดินเครื่องต้องหยุดเดินเครื่องกักกันก๊าซ (ตามความจำเป็นในแต่ละกรณี) เพื่อหาสาเหตุและดำเนินการแก้ไขไม่ให้เกิดการระบายปริมาณก๊าซออกไซด์ของไนโตรเจนเกินกว่าค่าควบคุม
- 4.3 เจ้าหน้าที่เดินเครื่อง คกบผ. ดำเนินการเฝ้าระวังค่าปริมาณของสารเจือปนในอากาศที่ปล่อยจากปล่อง HRSG ทั้ง 2 ปล่อง (HRSG#1 และ HRSG#2) ผ่านระบบตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติอย่างต่อเนื่อง (CEMS) ให้มีค่าไม่เกินที่กำหนดและส่งรายงานให้ DCAP ทราบทุกวัน (Daily Report)
- 4.4 เจ้าหน้าที่ซ่อมบำรุง คกบผ. ตรวจสอบและสอบเทียบอุปกรณ์ระบบตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติอย่างต่อเนื่อง (CEMS) เป็นประจำตามแผนงานพร้อมทั้งจัดทำบันทึกผลการตรวจสอบและสอบเทียบ




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- 4.5 DCAP จัดให้มีการตรวจวัดคุณภาพอากาศจากปล่องตามข้อกำหนด โดยตรวจวัดคุณภาพอากาศจากปล่องระบาย HRSG ปีละ 2 ครั้ง และ ตรวจวัดคุณภาพอากาศจากปล่องระบาย Auxiliary Boiler อย่างน้อยปีละ 1 ครั้ง
- 4.6 กรณีค่าปริมาณของสารเจือปนในอากาศที่ระบายจากปล่อง มีค่าสูงเกินกว่าที่กำหนดในข้อ 4.1 และให้ดำเนินการตรวจสอบและแก้ไข ตามวิธีการปฏิบัติงาน เรื่อง การเฝ้าระวังและควบคุมค่า NOx ของ HRSG ให้เป็นไปตามข้อกำหนด (WI-035/QP-DCP-15) และ/หรือ ตามขั้นตอนการดำเนินงาน เรื่อง การแก้ไขและป้องกัน (IP-DCP-07) เพื่อดำเนินงานแก้ไขและป้องกันตามกรณี
- 4.7 คกก.บ.จัดทำรายงานสรุปผลการตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติอย่างต่อเนื่อง (CEMS) ส่งให้ DCAP ทุกเดือน (Monthly Report)
- 4.8 DCAP ติดตามรายงานผลการตรวจวัดคุณภาพอากาศจากปล่อง HRSG และ Auxiliary Boiler กรณีผลการตรวจวัดคุณภาพอากาศ มีค่าไม่อยู่ในเกณฑ์หรือมีแนวโน้มเกินเกณฑ์มาตรฐานที่กำหนดตามข้อ 4.1 ให้ดำเนินการตามขั้นตอนการดำเนินงาน เรื่อง การแก้ไขและป้องกัน (IP-DCP-07) ต่อไป

## 5. เอกสารสนับสนุน

- 5.1 คู่มือวิธีการปฏิบัติงาน เรื่อง การเฝ้าระวังและควบคุมค่า NOx ของ HRSG ให้เป็นไปตามข้อกำหนด (WI-035/QP-DCP-15)
- 5.2 ขั้นตอนการดำเนินงาน เรื่อง การแก้ไขและป้องกัน (IP-DCP-07)
- 5.3 ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าปริมาณของสารเจือปนในอากาศที่ระบายออกจากโรงงานผลิต ส่ง หรือจำหน่ายพลังงานไฟฟ้า พ.ศ. 2547
- 5.4 มาตรการคุณภาพอากาศ รายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม
- 5.5 แผนงานการบำรุงรักษาป้องกันอุปกรณ์ CEMS




 <b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.	<p style="text-align: center;"><b>เอกสารควบคุม</b>  <b>ขั้นตอนการดำเนินงาน</b>  <b>เรื่อง แนวทางการเฝ้าระวังและควบคุมคุณภาพอากาศ</b></p>		
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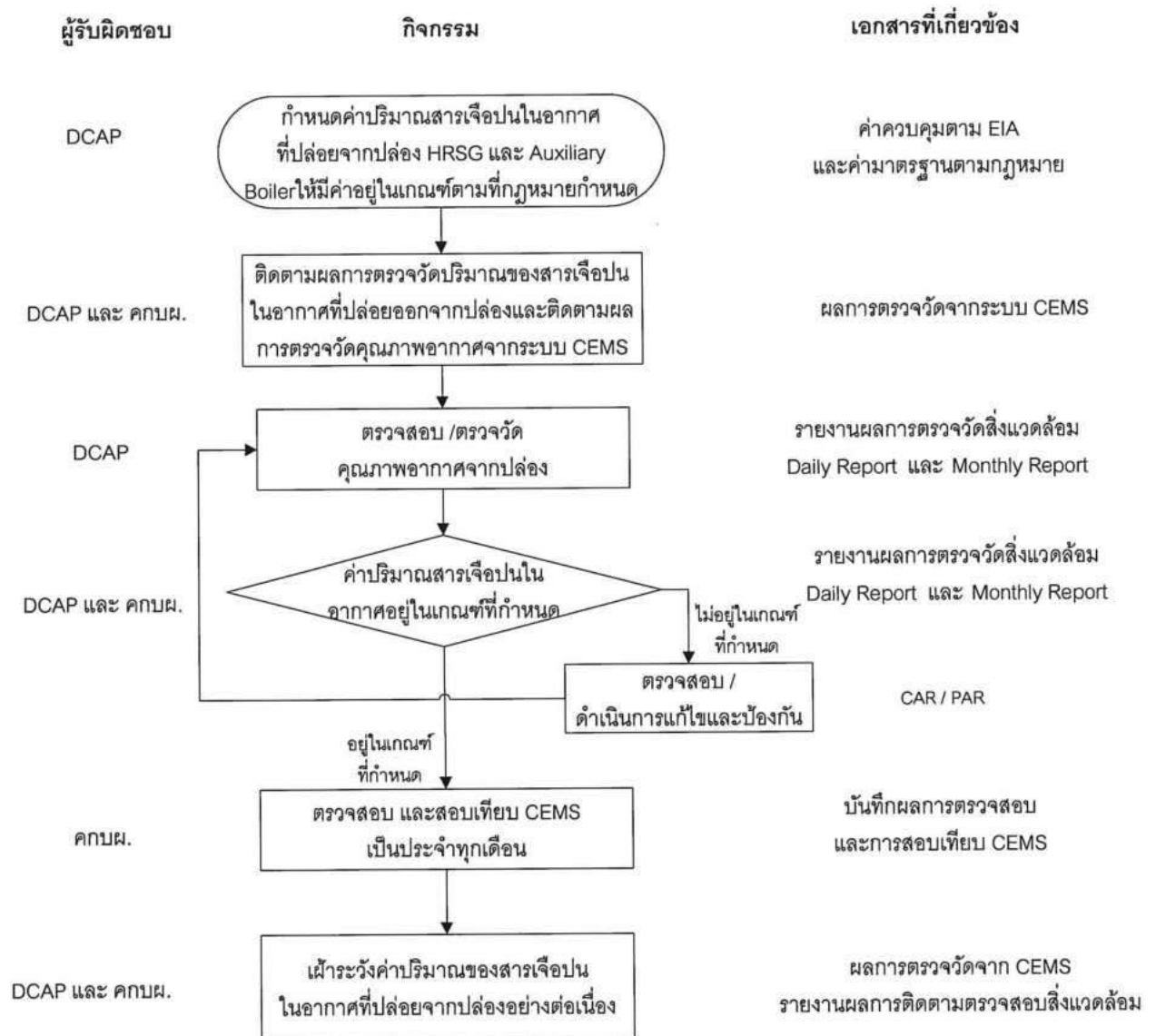
## 6. เอกสารบันทึกคุณภาพ

ลำดับ	ชื่อเอกสาร	รหัส	วิธีการ จัดเก็บ	ระยะเวลา	สถานที่ จัดเก็บ	ผู้รับผิดชอบ
1	ผลการตรวจวัดคุณภาพ อากาศจากปล่อง	-	เรื่องตามปี	3 ปี	สำนักงาน DCAP	OMD
2	รายงาน Daily Report และ รายงาน Monthly Report	-	เรื่องตามปี	3 ปี	สำนักงาน DCAP	PGD
3	ผลการสอบเทียบ CEMS	-	เรื่องตามปี	3 ปี	สำนักงาน คกบผ.	มวผ.-บผ.

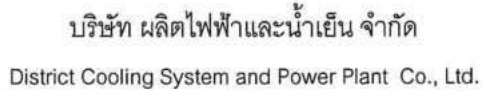


 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> <b>ขั้นตอนการดำเนินงาน</b> <b>เรื่อง แนวทางการเฝ้าระวังและควบคุมคุณภาพอากาศ</b></p>		
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## 7. แผนผังการดำเนินงาน







## ขั้นตอนการดำเนินงาน

เรื่อง แนวทางการเฝ้าระวังและควบคุมคุณภาพอากาศ

รหัสเอกสาร EP-DCP-05

## แก้ไขครั้งที่ 1

วันที่บังคับใช้ 5 เมษายน 2564

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## ตารางการแก้ไขเอกสารควบคุม

[illegible]





## ภาคผนวกที่ 8

ผลการตรวจวัดคุณภาพจากปล่องระบายมลสาร (CEMs)



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/07/2024 00:00	19.45	6.35	124.77	15.25	15.32	1.61	18.85	14.92	47.82	15.6	306.69	35.61	3.74	43.8	
01/07/2024 00:05	19.45	6.35	124.77	15.25	15.1	1.54	17.53	14.92	47.82	15.6	306.69	35.07	3.59	40.73	
01/07/2024 00:10	19.45	6.35	124.77	15.25	15.47	1.61	17.97	14.91	47.82	15.6	306.69	35.93	3.73	41.73	
01/07/2024 00:15	19.45	6.35	124.77	15.25	15.31	1.56	18.57	14.91	47.82	15.6	306.69	35.55	3.63	43.13	
01/07/2024 00:20	19.45	6.35	124.77	15.25	15.27	1.63	18.67	14.92	47.82	15.6	306.69	35.49	3.79	43.4	
01/07/2024 00:25	19.45	6.35	124.77	15.25	15.29	1.59	18.58	14.92	47.82	15.6	306.69	35.51	3.69	43.17	
01/07/2024 00:30	19.45	6.35	124.77	15.25	15.34	1.6	18.8	14.91	47.82	15.6	306.69	35.62	3.73	43.65	
01/07/2024 00:35	19.45	6.35	124.77	15.25	15.23	1.54	18.46	14.92	47.82	15.6	306.69	35.38	3.57	42.88	
01/07/2024 00:40	19.45	6.35	124.77	15.25	15.34	1.72	18.71	14.92	47.82	15.6	306.69	35.64	3.98	43.46	
01/07/2024 00:45	19.45	6.35	124.77	15.25	15.02	1.47	19.3	14.92	47.82	15.6	306.69	34.89	3.41	44.83	
01/07/2024 00:50	19.45	6.35	124.77	15.25	15.28	1.68	19.77	14.92	47.82	15.6	306.69	35.5	3.9	45.93	
01/07/2024 00:55	19.45	6.35	124.77	15.25	15.2	1.59	19.72	14.92	47.82	15.6	306.69	35.34	3.69	45.83	
01/07/2024 01:00	19.45	6.35	124.77	15.25	15.19	1.62	19.15	14.92	47.82	15.6	306.69	35.31	3.76	44.51	
01/07/2024 01:05	19.45	6.35	124.77	15.25	15.2	1.55	18.91	14.92	47.82	15.6	306.69	35.3	3.61	43.93	
01/07/2024 01:10	19.45	6.35	124.77	15.25	15.17	1.62	19.11	14.92	47.82	15.6	306.69	35.23	3.76	44.39	
01/07/2024 01:15	19.45	6.35	124.77	15.25	15.21	1.54	18.67	14.92	47.82	15.6	306.69	35.35	3.57	43.39	
01/07/2024 01:20	19.45	6.35	124.77	15.25	15.21	1.59	18.63	14.92	47.82	15.6	306.69	35.35	3.69	43.29	
01/07/2024 01:25	19.45	6.35	124.77	15.25	15.22	1.61	18.75	14.92	47.82	15.6	306.69	35.37	3.73	43.57	
01/07/2024 01:30	19.45	6.35	124.77	15.25	15.24	1.63	18.71	14.92	47.82	15.6	306.69	35.41	3.79	43.46	
01/07/2024 01:35	19.45	6.35	124.77	15.25	15.14	1.65	19.34	14.92	47.82	15.6	306.69	35.19	3.83	44.97	
01/07/2024 01:40	19.45	6.35	124.77	15.25	15.16	1.6	19.06	14.93	47.82	15.6	306.69	35.28	3.73	44.35	
01/07/2024 01:45	19.45	6.35	124.77	15.25	15.28	1.68	19.42	14.93	47.82	15.6	306.69	35.56	3.91	45.19	
01/07/2024 01:50	19.45	6.35	124.77	15.25	15.15	1.58	18.94	14.93	47.82	15.6	306.69	35.26	3.69	44.08	
01/07/2024 01:55	19.45	6.35	124.77	15.25	15.26	1.67	18.93	14.92	47.82	15.6	306.69	35.49	3.88	44.03	
01/07/2024 02:00	19.45	6.35	124.77	15.25	15.12	1.59	19.25	14.92	47.82	15.6	306.69	35.15	3.7	44.76	
01/07/2024 02:05	19.45	6.35	124.77	15.25	15.2	1.65	19.4	14.92	47.82	15.6	306.69	35.34	3.83	45.11	
01/07/2024 02:10	19.45	6.35	124.77	15.25	15.13	1.56	19.96	14.92	47.82	15.6	306.69	35.19	3.63	46.4	
01/07/2024 02:15	19.45	6.35	124.77	15.25	15.3	1.67	19.48	14.92	47.82	15.6	306.69	35.56	3.89	45.27	
01/07/2024 02:20	19.45	6.35	124.77	15.25	15.2	1.52	18.97	14.92	47.82	15.6	306.69	35.31	3.54	44.09	
01/07/2024 02:25	19.45	6.35	124.77	15.25	15.24	1.69	19.61	14.92	47.82	15.6	306.69	35.41	3.94	45.55	
01/07/2024 02:30	19.45	6.35	124.77	15.25	15.02	1.57	19.48	14.92	47.82	15.6	306.69	34.92	3.66	45.29	
01/07/2024 02:35	19.45	6.35	124.77	15.25	15.16	1.69	20.36	14.92	47.82	15.6	306.69	35.26	3.94	47.33	
01/07/2024 02:40	19.45	6.35	124.77	15.25	15.14	1.59	19.99	14.92	47.82	15.6	306.69	35.19	3.7	46.47	
01/07/2024 02:45	19.45	6.35	124.77	15.25	15.23	1.66	19.5	14.92	47.82	15.6	306.69	35.41	3.86	45.34	
01/07/2024 02:50	19.45	6.35	124.77	15.25	15.17	1.63	19.91	14.93	47.82	15.6	306.69	35.29	3.78	46.34	
01/07/2024 02:55	19.45	6.35	124.77	15.25	15.23	1.69	20	14.93	47.82	15.6	306.69	35.44	3.93	46.55	
01/07/2024 03:00	19.45	6.35	124.77	15.25	15.26	1.61	19.44	14.93	47.82	15.6	306.69	35.51	3.75	45.22	
01/07/2024 03:05	19.45	6.35	124.77	15.25	15.35	1.69	19.28	14.93	47.82	15.6	306.69	35.71	3.94	44.87	
01/07/2024 03:10	19.45	6.35	124.77	15.25	15.06	1.57	19.2	14.92	47.82	15.6	306.69	35.03	3.66	44.65	
01/07/2024 03:15	19.45	6.35	124.77	15.25	15.14	1.66	19.55	14.92	47.82	15.6	306.69	35.2	3.85	45.46	
01/07/2024 03:20	19.45	6.35	124.77	15.25	15.08	1.67	19.47	14.93	47.82	15.6	306.69	35.08	3.88	45.31	
01/07/2024 03:25	19.45	6.35	124.77	15.25	15.1	1.67	20.03	14.93	47.82	15.6	306.69	35.14	3.89	46.61	
01/07/2024 03:30	19.45	6.35	124.77	15.25	15.15	1.68	19.97	14.92	47.82	15.6	306.69	35.22	3.9	46.45	
01/07/2024 03:35	19.45	6.35	124.77	15.25	15.18	1.67	20.05	14.92	47.82	15.6	306.69	35.31	3.89	46.63	
01/07/2024 03:40	19.45	6.35	124.77	15.25	15.16	1.66	19.93	14.92	47.82	15.6	306.69	35.25	3.87	46.34	
01/07/2024 03:45	19.45	6.35	124.77	15.25	15.06	1.65	20.37	14.93	47.82	15.6	306.69	35.05	3.84	47.4	
01/07/2024 03:50	19.45	6.35	124.77	15.25	15.09	1.7	20.46	14.93	47.82	15.6	306.69	35.11	3.95	47.6	
01/07/2024 03:55	19.45	6.35	124.77	15.25	14.99	1.58	20.83	14.93	47.82	15.6	306.69	34.87	3.67	48.46	
01/07/2024 04:00	19.45	6.35	124.77	15.25	15.15	1.7	20.79	14.92	47.82	15.6	306.69	35.24	3.95	48.36	
01/07/2024 04:05	19.45	6.35	124.77	15.25	15.14	1.65	20.67	14.92	47.82	15.6	306.69	35.2	3.83	48.06	
01/07/2024 04:10	19.45	6.35	124.77	15.25	15.06	1.71	20.99	14.92	47.82	15.6	306.69	35.02	3.99	48.81	
01/07/2024 04:15	19.45	6.35	124.77	15.25	14.99	1.62	20.82	14.92	47.82	15.6	306.69	34.84	3.76	48.37	
01/07/2024 04:20	19.45	6.35	124.77	15.25	15.19	1.69	21.65	14.92	47.82	15.6	306.69	35.29	3.94	50.3	
01/07/2024 04:25	19.45	6.35	124.77	15.25	15.03	1.72	22.36	14.92	47.82	15.6	306.69	34.96	4	52.01	
01/07/2024 04:30	19.45	6.35	124.77	15.25	15.09	1.73	23.23	14.92	47.82	15.6	306.69	35.1	4.02	54.04	
01/07/2024 04:35	19.45	6.35	124.77	15.25	15.06	1.64	22.95	14.92	47.82	15.6	306.69	35.01	3.82	53.37	
01/07/2024 04:40	19.45	6.35	124.77	15.25	15.2	1.77	22.54	14.92	47.82	15.6	306.69	35.33	4.12	52.4	
01/07/2024 04:45	19.45	6.35	124.77	15.25	15.05	1.66	22.02	14.93	47.82	15.6	306.69	35.03	3.87	51.24	
01/07/2024 04:50	19.45	6.35	124.77	15.25	15.04	1.75	22.41	14.93	47.82	15.6	306.69	35.02	4.08	52.16	
01/07/2024 04:55	19.45	6.35	124.77	15.25	15.11	1.68	22.87	14.93	47.82	15.6	306.69	35.2	3.92	53.27	
01/07/2024 05:00	19.45	6.35	124.77	15.25	15.22	1.86	23.62	14.94	47.82	15.6	306.69	35.49	4.34	55.08	
01/07/2024 05:05	19.45	6.35	124.77	15.25	15	1.65	23.89	14.94	47.82	15.6	306.69	34.96	3.84	55.69	
01/07/2024 05:10	19.45	6.35	124.77	15.25	15.18	1.86	23.46	14.94	47.82	15.6	306.69	35.4	4.34	54.68	
01/07/2024 05:15	19.45	6.35	124.77	15.25	15.12	1.67	22.86	14.94	47.82	15.6	306.69	35.26	3.88	53.29	
01/07/2024 05:20	19.45	6.35	124.77	15.25	15.1	1.73	22.85	14.94	47.82	15.6	306.69	35.2	4.02	53.25	
01/07/2024 05:25	19.45	6.35	124.77	15.25	15.11	1.77	23.14	14.94	47.82	15.6	306.69	35.22	4.12	53.93	
01/07/2024 05:30	19.45	6.35	124.77	15.25	15.26	1.75	23.03	14.94	47.82	15.6	306.69	35.59	4.09	53.73	
01/07/2024 05:35	19.45	6.35	124.77	15.25	15.21	1.74	23.04	14.94	47.82	15.6	306.69	35.47	4.05	53.74	
01/07/2024 05:40	19.45	6.35	124.77	15.25	15.19	1.73	23.42	14.94	47.82	15.6	306.69	35.42	4.03	54.6	
01/07/2024 05:45	19.45	6.35	124.77	15.25	15.06	1.71	23.42	14.93	47.82	15.6	306.69	35.07	3.98	54.52	
01/07/2024 05:50	19.45	6.35	124.77	15.25	15.09	1.69	22.99	14.93	47.82	15.6	306.69	35.13	3.94	53.53	
01/07/2024 05:55	19.45	6.35	124.77	15.25	15.09	1.75	22.99	14.93	47.82	15.6	306.69	35.13	4.08	53.51	
01/07/2024 06:00	19.45	6.35	124.77	15.25											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/07/2024 07:35	19.45	6.35	124.77	15.25	15.37	1.65	22.25	14.96	47.82	15.6	306.69	35.95	3.87	52.04	
01/07/2024 07:40	19.45	6.35	124.77	15.25	15.1	1.38	21.85	14.95	47.82	15.6	306.69	35.29	3.23	51.07	
01/07/2024 07:45	19.45	6.35	124.77	15.25	15.47	1.58	21.75	14.95	47.82	15.6	306.69	36.15	3.69	50.84	
01/07/2024 07:50	19.45	6.35	124.77	15.25	15.39	1.51	21.78	14.95	47.82	15.6	306.69	35.94	3.52	50.89	
01/07/2024 07:55	19.45	6.35	124.77	15.25	15.43	1.53	21.69	14.95	47.82	15.6	306.69	36.05	3.58	50.67	
01/07/2024 08:00	19.45	6.35	124.77	15.25	15.37	1.47	22.04	14.95	47.82	15.6	306.69	35.9	3.42	51.47	
01/07/2024 08:05	19.45	6.35	124.77	15.25	15.43	1.5	21.75	14.95	47.82	15.6	306.69	36.05	3.51	50.8	
01/07/2024 08:10	19.45	6.35	124.77	15.25	15.44	1.4	21.45	14.95	47.82	15.6	306.69	36.06	3.28	50.08	
01/07/2024 08:15	19.45	6.35	124.77	15.25	15.48	1.46	21.5	14.95	47.82	15.6	306.69	36.14	3.4	50.2	
01/07/2024 08:20	19.45	6.35	124.77	15.25	15.36	1.44	21.84	14.95	47.82	15.6	306.69	35.87	3.37	51	
01/07/2024 08:25	19.45	6.35	124.77	15.25	15.46	1.41	22.08	14.94	47.82	15.6	306.69	36.09	3.29	51.54	
01/07/2024 08:30	19.45	6.35	124.77	15.25	15.4	1.25	21.36	14.94	47.82	15.6	306.69	35.91	2.92	49.79	
01/07/2024 08:35	19.45	6.35	124.77	15.25	15.52	1.38	22.13	14.94	47.82	15.6	306.69	36.17	3.21	51.58	
01/07/2024 08:40	19.45	6.35	124.77	15.25	15.46	1.3	21.61	14.94	47.82	15.6	306.69	36.04	3.03	50.36	
01/07/2024 08:45	19.45	6.35	124.77	15.25	15.4	1.34	21.99	14.94	47.82	15.6	306.69	35.89	3.12	51.27	
01/07/2024 08:50	19.45	6.35	124.77	15.25	15.34	1.27	22.02	14.93	47.82	15.6	306.69	35.73	2.96	51.3	
01/07/2024 08:55	19.45	6.35	124.77	15.25	15.27	1.25	21.81	14.93	47.82	15.6	306.69	35.58	2.91	50.81	
01/07/2024 09:00	19.45	6.35	124.77	15.25	15.56	1.34	21.72	14.93	47.82	15.6	306.69	36.27	3.13	50.61	
01/07/2024 09:05	19.45	6.35	124.77	15.25	15.5	1.26	21.81	14.94	47.82	15.6	306.69	36.13	2.93	50.83	
01/07/2024 09:10	19.45	6.35	124.77	15.25	15.42	1.27	22.18	14.94	47.82	15.6	306.69	35.94	2.96	51.71	
01/07/2024 09:15	19.45	6.35	124.77	15.25	15.54	1.28	21.93	14.94	47.82	15.6	306.69	36.23	2.99	51.15	
01/07/2024 09:20	19.45	6.35	124.77	15.25	15.51	1.23	21.34	14.93	47.82	15.6	306.69	36.13	2.87	49.73	
01/07/2024 09:25	19.45	6.35	124.77	15.25	15.52	1.17	21.45	14.93	47.82	15.6	306.69	36.12	2.73	49.93	
01/07/2024 09:30	19.45	6.35	124.77	15.25	15.49	1.12	21.22	14.92	47.82	15.6	306.69	36.01	2.59	49.35	
01/07/2024 09:35	19.45	6.35	124.77	15.25	15.45	1.06	20.97	14.92	47.82	15.6	306.69	35.89	2.47	48.69	
01/07/2024 09:40	19.45	6.35	124.77	15.25	15.6	1.15	21.02	14.91	47.82	15.6	306.69	36.23	2.66	48.81	
01/07/2024 09:45	19.45	6.35	124.77	15.25	15.68	1.14	20.75	14.92	47.82	15.6	306.69	36.43	2.66	48.2	
01/07/2024 09:50	19.45	6.35	124.77	15.25	15.51	1	21.44	14.91	47.82	15.6	306.69	36.02	2.33	49.79	
01/07/2024 09:55	19.45	6.35	124.77	15.25	15.62	1.09	21.02	14.91	47.82	15.6	306.69	36.27	2.54	48.81	
01/07/2024 10:00	19.45	6.35	124.77	15.25	15.44	0.94	21.18	14.92	47.82	15.6	306.69	35.87	2.19	49.19	
01/07/2024 10:05	19.45	6.35	124.77	15.25	15.68	1.07	21.23	14.92	47.82	15.6	306.69	36.41	2.49	49.32	
01/07/2024 10:10	19.45	6.35	124.77	15.25	15.76	1.1	20.8	14.91	47.82	15.6	306.69	36.59	2.54	48.29	
01/07/2024 10:15	19.45	6.35	124.77	15.25	15.6	0.92	20.63	14.9	47.82	15.6	306.69	36.17	2.14	47.83	
01/07/2024 10:20	19.45	6.35	124.77	15.25	15.6	1.03	21.07	14.9	47.82	15.6	306.69	36.15	2.38	48.82	
01/07/2024 10:25	19.45	6.35	124.77	15.25	15.61	0.93	21.19	14.9	47.82	15.6	306.69	36.19	2.16	49.13	
01/07/2024 10:30	19.45	6.35	124.77	15.25	15.62	0.92	20.79	14.9	47.82	15.6	306.69	36.18	2.12	48.15	
01/07/2024 10:35	19.45	6.35	124.77	15.25	15.59	0.78	20.86	14.89	47.82	15.6	306.69	36.07	1.82	48.28	
01/07/2024 10:40	19.45	6.35	124.77	15.25	15.6	0.93	21.27	14.89	47.82	15.6	306.69	36.09	2.15	49.21	
01/07/2024 10:45	19.45	6.35	124.77	15.25	15.62	0.85	21.12	14.89	47.82	15.6	306.69	36.14	1.96	48.88	
01/07/2024 10:50	19.45	6.35	124.77	15.25	15.58	0.8	20.99	14.89	47.82	15.6	306.69	36.02	1.84	48.53	
01/07/2024 10:55	19.45	6.35	124.77	15.25	15.67	0.89	21.19	14.88	47.82	15.6	306.69	36.21	2.07	48.97	
01/07/2024 11:00	19.45	6.35	124.77	15.25	15.56	0.75	20.7	14.89	47.82	15.6	306.69	35.96	1.73	47.85	
01/07/2024 11:05	19.45	6.35	124.77	15.25	15.62	0.78	20.93	14.88	47.82	15.6	306.69	36.1	1.79	48.36	
01/07/2024 11:10	19.45	6.35	124.77	15.25	15.54	0.69	21.28	14.88	47.82	15.6	306.69	35.88	1.6	49.13	
01/07/2024 11:15	19.45	6.35	124.77	15.25	15.69	0.75	20.74	14.88	47.82	15.6	306.69	36.22	1.73	47.85	
01/07/2024 11:20	19.45	6.35	124.77	15.25	15.48	0.65	20.82	14.88	47.82	15.6	306.69	35.72	1.5	48.03	
01/07/2024 11:25	19.45	6.35	124.77	15.25	15.52	0.75	20.9	14.87	47.82	15.6	306.69	35.79	1.72	48.18	
01/07/2024 11:30	19.45	6.35	124.77	15.25	15.88	0.75	20.02	14.87	47.82	15.6	306.69	36.61	1.72	46.17	
01/07/2024 11:35	19.45	6.35	124.77	15.25	15.81	0.73	20.32	14.87	47.82	15.6	306.69	36.45	1.68	46.84	
01/07/2024 11:40	19.45	6.35	124.77	15.25	15.59	0.56	20.4	14.87	47.82	15.6	306.69	35.96	1.3	47.05	
01/07/2024 11:45	19.45	6.35	124.77	15.25	15.58	0.6	20.71	14.87	47.82	15.6	306.69	35.93	1.37	47.74	
01/07/2024 11:50	19.45	6.35	124.77	15.25	15.69	0.64	20.7	14.87	47.82	15.6	306.69	36.16	1.49	47.72	
01/07/2024 11:55	19.45	6.35	124.77	15.25	15.45	0.53	20.76	14.86	47.82	15.6	306.69	35.58	1.22	47.81	
01/07/2024 12:00	19.45	6.35	124.77	15.25	15.66	0.61	20.19	14.87	47.82	15.6	306.69	36.09	1.41	46.52	
01/07/2024 12:05	19.45	6.35	124.77	15.25	15.45	0.36	19.36	14.86	47.82	15.6	306.69	35.57	0.84	44.57	
01/07/2024 12:10	19.45	6.35	124.77	15.25	15.75	0.73	20.13	14.87	47.82	15.6	306.69	36.28	1.69	46.36	
01/07/2024 12:15	19.45	6.35	124.77	15.25	15.54	0.55	20.8	14.86	47.82	15.6	306.69	35.75	1.27	47.86	
01/07/2024 12:20	19.45	6.35	124.77	15.25	15.54	0.71	20.71	14.86	47.82	15.6	306.69	35.74	1.63	47.63	
01/07/2024 12:25	19.45	6.35	124.77	15.25	15.2	0.23	19.78	14.85	47.82	15.6	306.69	34.93	0.52	45.46	
01/07/2024 12:30	19.45	6.35	124.77	15.25	15.6	0.61	19.15	14.86	47.82	15.6	306.69	35.89	1.39	44.07	
01/07/2024 12:35	19.45	6.35	124.77	15.25	15.49	0.48	19.57	14.86	47.82	15.6	306.69	35.64	1.1	45.03	
01/07/2024 12:40	19.45	6.35	124.77	15.25	15.51	0.54	19.71	14.86	47.82	15.6	306.69	35.68	1.25	45.35	
01/07/2024 12:45	19.45	6.35	124.77	15.25	15.24	0.33	19.8	14.85	47.82	15.6	306.69	35.05	0.75	45.53	
01/07/2024 12:50	19.45	6.35	124.77	15.25	15.59	0.48	18.83	14.85	47.82	15.6	306.69	35.85	1.11	43.29	
01/07/2024 12:55	19.45	6.35	124.77	15.25	15.51	0.39	18.86	14.86	47.82	15.6	306.69	35.68	0.91	43.37	
01/07/2024 13:00	19.45	6.35	124.77	15.25	15.55	0.48	19.04	14.86	47.82	15.6	306.69	35.77	1.11	43.79	
01/07/2024 13:05	19.45	6.35	124.77	15.25	15.49	0.39	18.82	14.86	47.82	15.6	306.69	35.64	0.9	43.3	
01/07/2024 13:10	19.45	6.35	124.77	15.25	15.83	0.56	18.32	14.86	47.82	15.6	306.69	36.42	1.29	42.13	
01/07/2024 13:15	19.45	6.35	124.77	15.25	15.54	0.26	19.23	14.85	47.82	15.6	306.69	35.71	0.6	44.19	
01/07/2024 13:20	19.45	6.35	124.77	15.25	15.56	0.42	19.85	14.86	47.82	15.6	306.69	35.79	0.96	45.65	
01/07/2024 13:25	19.45	6.35	124.77	15.25	15.87	0.51	20.21	14.85	47.82	15.6	306.69	36.44	1.17	46.41	
01/07/2024 13:30	19.45	6.35	124.77	15.25	15.31	0.27	20.89	14.84	47.82	15.6	306.69	35.15	0.61	47.95	
01/07/2024 13:35	19.45	6.35													



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/07/2024 15:10	19.45	6.35	124.77	15.25	15.45	0.38	19	14.86	47.82	15.6	306.69	35.54	0.87	43.7	
01/07/2024 15:15	19.45	6.35	124.77	15.25	15.41	0.2	18.97	14.85	47.82	15.6	306.69	35.44	0.46	43.62	
01/07/2024 15:20	19.45	6.35	124.77	15.25	15.48	0.26	18.6	14.86	47.82	15.6	306.69	35.64	0.59	42.82	
01/07/2024 15:25	19.45	6.35	124.77	15.25	15.34	0.24	19.13	14.87	47.82	15.6	306.69	35.34	0.55	44.08	
01/07/2024 15:30	19.45	6.35	124.77	15.25	15.42	0.39	19.94	14.86	47.82	15.6	306.69	35.51	0.9	45.91	
01/07/2024 15:35	19.45	6.35	124.77	15.25	15.42	0.4	19.55	14.87	47.82	15.6	306.69	35.51	0.93	45.02	
01/07/2024 15:40	19.45	6.35	124.77	15.25	15.11	0.21	19.43	14.86	47.82	15.6	306.69	34.81	0.49	44.73	
01/07/2024 15:45	19.45	6.35	124.77	15.25	15.33	0.41	19.47	14.86	47.82	15.6	306.69	35.3	0.94	44.85	
01/07/2024 15:50	19.45	6.35	124.77	15.25	15.28	0.31	19.42	14.86	47.82	15.6	306.69	35.19	0.7	44.73	
01/07/2024 15:55	19.45	6.35	124.77	15.25	15.46	0.46	19.87	14.86	47.82	15.6	306.69	35.61	1.06	45.76	
01/07/2024 16:00	19.45	6.35	124.77	15.25	15.33	0.38	19.68	14.87	47.82	15.6	306.69	35.33	0.87	45.36	
01/07/2024 16:05	19.45	6.35	124.77	15.25	15.4	0.41	19.62	14.87	47.82	15.6	306.69	35.49	0.95	45.23	
01/07/2024 16:10	19.45	6.35	124.77	15.25	15.31	0.42	19.66	14.87	47.82	15.6	306.69	35.31	0.97	45.34	
01/07/2024 16:15	19.45	6.35	124.77	15.25	15.43	0.49	19.75	14.88	47.82	15.6	306.69	35.62	1.12	45.58	
01/07/2024 16:20	19.45	6.35	124.77	15.25	15.31	0.41	20.05	14.87	47.82	15.6	306.69	35.3	0.95	46.25	
01/07/2024 16:25	19.45	6.35	124.77	15.25	15.39	0.48	19.97	14.88	47.82	15.6	306.69	35.5	1.11	46.08	
01/07/2024 16:30	19.45	6.35	124.77	15.25	15.35	0.47	19.23	14.87	47.82	15.6	306.69	35.4	1.08	44.35	
01/07/2024 16:35	19.45	6.35	124.77	15.25	15.59	0.56	19.04	14.88	47.82	15.6	306.69	35.96	1.29	43.93	
01/07/2024 16:40	19.45	6.35	124.77	15.25	15.61	0.52	19.5	14.88	47.82	15.6	306.69	36.04	1.2	45.04	
01/07/2024 16:45	19.45	6.35	124.77	15.25	15.4	0.41	19.49	14.88	47.82	15.6	306.69	35.55	0.95	45.01	
01/07/2024 16:50	19.45	6.35	124.77	15.25	15.33	0.43	19.22	14.89	47.82	15.6	306.69	35.44	1	44.42	
01/07/2024 16:55	19.45	6.35	124.77	15.25	15.66	0.67	18.5	14.89	47.82	15.6	306.69	36.23	1.56	42.81	
01/07/2024 17:00	19.45	6.35	124.77	15.25	15.58	0.56	18.47	14.89	47.82	15.6	306.69	36.06	1.3	42.74	
01/07/2024 17:05	19.45	6.35	124.77	15.25	15.37	0.47	18.89	14.89	47.82	15.6	306.69	35.58	1.09	43.71	
01/07/2024 17:10	19.45	6.35	124.77	15.25	15.45	0.55	19.01	14.89	47.82	15.6	306.69	35.74	1.28	43.97	
01/07/2024 17:15	19.45	6.35	124.77	15.25	15.5	0.69	19.67	14.89	47.82	15.6	306.69	35.84	1.6	45.48	
01/07/2024 17:20	19.45	6.35	124.77	15.25	15.44	0.52	19.54	14.88	47.82	15.6	306.69	35.66	1.2	45.15	
01/07/2024 17:25	19.45	6.35	124.77	15.25	15.61	0.73	19.47	14.88	47.82	15.6	306.69	36.08	1.69	44.99	
01/07/2024 17:30	19.45	6.35	124.77	15.25	15.55	0.67	19.11	14.89	47.82	15.6	306.69	35.96	1.55	44.19	
01/07/2024 17:35	19.45	6.35	124.77	15.25	15.45	0.67	19.48	14.89	47.82	15.6	306.69	35.74	1.55	45.07	
01/07/2024 17:40	19.45	6.35	124.77	15.25	15.53	0.74	19.53	14.89	47.82	15.6	306.69	35.93	1.72	45.2	
01/07/2024 17:45	19.45	6.35	124.77	15.25	15.65	0.86	19.64	14.89	47.82	15.6	306.69	36.21	2	45.44	
01/07/2024 17:50	19.45	6.35	124.77	15.25	15.56	0.79	20	14.9	47.82	15.6	306.69	36.01	1.82	46.31	
01/07/2024 17:55	19.45	6.35	124.77	15.25	15.52	0.68	19.75	14.9	47.82	15.6	306.69	35.94	1.58	45.71	
01/07/2024 18:00	19.45	6.35	124.77	15.25	15.42	0.59	19.52	14.89	47.82	15.6	306.69	35.68	1.37	45.18	
01/07/2024 18:05	19.45	6.35	124.77	15.25	15.56	0.69	19.24	14.9	47.82	15.6	306.69	36.03	1.6	44.55	
01/07/2024 18:10	19.45	6.35	124.77	15.25	15.52	0.77	19.43	14.9	47.82	15.6	306.69	35.94	1.78	45	
01/07/2024 18:15	19.45	6.35	124.77	15.25	15.75	0.91	19.9	14.91	47.82	15.6	306.69	36.52	2.1	46.14	
01/07/2024 18:20	19.45	6.35	124.77	15.25	15.4	0.72	19.71	14.89	47.82	15.6	306.69	35.65	1.67	45.62	
01/07/2024 18:25	19.45	6.35	124.77	15.25	15.47	0.82	19.5	14.9	47.82	15.6	306.69	35.81	1.89	45.14	
01/07/2024 18:30	19.45	6.35	124.77	15.25	15.62	0.85	19.76	14.9	47.82	15.6	306.69	36.16	1.96	45.76	
01/07/2024 18:35	19.45	6.35	124.77	15.25	15.5	0.75	20	14.9	47.82	15.6	306.69	35.91	1.73	46.33	
01/07/2024 18:40	19.45	6.35	124.77	15.25	15.53	0.83	20.13	14.9	47.82	15.6	306.69	35.97	1.93	46.64	
01/07/2024 18:45	19.45	6.35	124.77	15.25	15.75	1	20.15	14.9	47.82	15.6	306.69	36.52	2.32	46.72	
01/07/2024 18:50	19.45	6.35	124.77	15.25	15.61	0.97	20.21	14.9	47.82	15.6	306.69	36.19	2.24	46.83	
01/07/2024 18:55	19.45	6.35	124.77	15.25	15.62	0.99	20.02	14.9	47.82	15.6	306.69	36.2	2.3	46.4	
01/07/2024 19:00	19.45	6.35	124.77	15.25	15.52	0.84	20.47	14.9	47.82	15.6	306.69	35.97	1.95	47.45	
01/07/2024 19:05	19.45	6.35	124.77	15.25	15.47	0.87	19.96	14.9	47.82	15.6	306.69	35.86	2.03	46.27	
01/07/2024 19:10	19.45	6.35	124.77	15.25	15.64	0.92	19.85	14.9	47.82	15.6	306.69	36.24	2.14	46.01	
01/07/2024 19:15	19.45	6.35	124.77	15.25	15.51	0.85	20.14	14.9	47.82	15.6	306.69	35.95	1.97	46.66	
01/07/2024 19:20	19.45	6.35	124.77	15.25	15.77	1.12	19.88	14.9	47.82	15.6	306.69	36.55	2.59	46.1	
01/07/2024 19:25	19.45	6.35	124.77	15.25	15.48	0.87	19.96	14.9	47.82	15.6	306.69	35.9	2.03	46.27	
01/07/2024 19:30	19.45	6.35	124.77	15.25	15.42	0.92	20.82	14.91	47.82	15.6	306.69	35.74	2.14	48.28	
01/07/2024 19:35	19.45	6.35	124.77	15.25	15.64	1.13	20.79	14.91	47.82	15.6	306.69	36.29	2.61	48.24	
01/07/2024 19:40	19.45	6.35	124.77	15.25	15.41	0.98	20.53	14.91	47.82	15.6	306.69	35.75	2.28	47.63	
01/07/2024 19:45	19.45	6.35	124.77	15.25	15.41	0.99	20.91	14.9	47.82	15.6	306.69	35.72	2.29	48.46	
01/07/2024 19:50	19.45	6.35	124.77	15.25	15.56	1.03	21.22	14.91	47.82	15.6	306.69	36.07	2.38	49.21	
01/07/2024 19:55	19.45	6.35	124.77	15.25	15.37	1.05	21.45	14.9	47.82	15.6	306.69	35.63	2.42	49.7	
01/07/2024 20:00	19.45	6.35	124.77	15.25	15.41	1.04	21.25	14.9	47.82	15.6	306.69	35.71	2.41	49.25	
01/07/2024 20:05	19.45	6.35	124.77	15.25	15.16	0.82	21.36	14.9	47.82	15.6	306.69	35.12	1.89	49.48	
01/07/2024 20:10	19.45	6.35	124.77	15.25	15.37	1.03	21.28	14.9	47.82	15.6	306.69	35.58	2.38	49.27	
01/07/2024 20:15	19.45	6.35	124.77	15.25	15.38	0.97	20.98	14.9	47.82	15.6	306.69	35.64	2.25	48.63	
01/07/2024 20:20	19.45	6.35	124.77	15.25	15.35	1.02	21.21	14.91	47.82	15.6	306.69	35.61	2.36	49.21	
01/07/2024 20:25	19.45	6.35	124.77	15.25	15.15	0.8	21.32	14.91	47.82	15.6	306.69	35.15	1.86	49.47	
01/07/2024 20:30	19.45	6.35	124.77	15.25	15.27	0.93	21.08	14.91	47.82	15.6	306.69	35.43	2.16	48.92	
01/07/2024 20:35	19.45	6.35	124.77	15.25	15.72	1.28	20.95	14.91	47.82	15.6	306.69	36.48	2.96	48.61	
01/07/2024 20:40	19.45	6.35	124.77	15.25	15.22	0.83	20.68	14.91	47.82	15.6	306.69	35.3	1.93	47.96	
01/07/2024 20:45	19.45	6.35	124.77	15.25	15.43	1.04	20.27	14.9	47.82	15.6	306.69	35.78	2.42	46.99	
01/07/2024 20:50	19.45	6.35	124.77	15.25	15.28	0.98	20.67	14.9	47.82	15.6	306.69	35.42	2.26	47.91	
01/07/2024 20:55	19.45	6.35	124.77	15.25	15.27	0.93	20.8	14.9	47.82	15.6	306.69	35.41	2.15	48.24	
01/07/2024 21:00	19.45	6.35	124.77	15.25	15.36	1.07	20.9	14.91	47.82	15.6	306.69	35.63	2.49	48.49	
01/07/2024 21:05	19.45	6.35	124.77	15.25	15.22	0.94	20.55	14.91	47.82	15.6	306.69	35.32	2.18	47.69	
01/07/2024 21:10	19.45	6.35	124.77	15.25	15.57	1.2									



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/07/2024 22:45	19.45	6.35	124.77	15.25	15.54	1.33	20.58	14.92	47.82	15.6	306.69	36.12	3.09	47.82	
01/07/2024 22:50	19.45	6.35	124.77	15.25	15.24	1.11	21.03	14.92	47.82	15.6	306.69	35.4	2.59	48.85	
01/07/2024 22:55	19.45	6.35	124.77	15.25	15.44	1.35	21.49	14.92	47.82	15.6	306.69	35.89	3.13	49.96	
01/07/2024 23:00	19.45	6.35	124.77	15.25	15.35	1.2	21.57	14.92	47.82	15.6	306.69	35.69	2.79	50.13	
01/07/2024 23:05	19.45	6.35	124.77	15.25	15.42	1.22	20.84	14.92	47.82	15.6	306.69	35.86	2.83	48.46	
01/07/2024 23:10	19.45	6.35	124.77	15.25	15.36	1.25	20.97	14.92	47.82	15.6	306.69	35.69	2.89	48.73	
01/07/2024 23:15	19.45	6.35	124.77	15.25	15.25	1.14	20.92	14.92	47.82	15.6	306.69	35.45	2.66	48.62	
01/07/2024 23:20	19.45	6.35	124.77	15.25	15.5	1.39	21.42	14.93	47.82	15.6	306.69	36.05	3.24	49.82	
01/07/2024 23:25	19.45	6.35	124.77	15.25	15.46	1.35	21.97	14.93	47.82	15.6	306.69	35.98	3.13	51.12	
01/07/2024 23:30	19.45	6.35	124.77	15.25	15.13	1.12	21.17	14.92	47.82	15.6	306.69	35.18	2.6	49.2	
01/07/2024 23:35	19.45	6.35	124.77	15.25	15.26	1.19	20.88	14.92	47.82	15.6	306.69	35.46	2.77	48.52	
01/07/2024 23:40	19.45	6.35	124.77	15.25	15.27	1.2	20.66	14.92	47.82	15.6	306.69	35.51	2.8	48.05	
01/07/2024 23:45	19.45	6.35	124.77	15.25	15.34	1.33	21.09	14.92	47.82	15.6	306.69	35.68	3.09	49.05	
01/07/2024 23:50	19.45	6.35	124.77	15.25	15.25	1.26	20.74	14.92	47.82	15.6	306.69	35.45	2.92	48.23	
01/07/2024 23:55	19.45	6.35	124.77	15.25	15.35	1.33	20.58	14.92	47.82	15.6	306.69	35.68	3.09	47.83	
02/07/2024 00:00	19.45	6.35	124.77	15.25	15.19	1.17	20.03	14.92	47.82	15.6	306.69	35.3	2.72	46.54	
02/07/2024 00:05	19.45	6.35	124.77	15.25	15.22	1.28	20.98	14.92	47.82	15.6	306.69	35.37	2.97	48.77	
02/07/2024 00:10	19.45	6.35	124.77	15.25	15.19	1.23	20.61	14.92	47.82	15.6	306.69	35.31	2.86	47.93	
02/07/2024 00:15	19.45	6.35	124.77	15.25	15.34	1.3	20.54	14.92	47.82	15.6	306.69	35.68	3.02	47.79	
02/07/2024 00:20	19.45	6.35	124.77	15.25	15.34	1.42	21.31	14.92	47.82	15.6	306.69	35.68	3.31	49.58	
02/07/2024 00:25	19.45	6.35	124.77	15.25	15.25	1.29	20.93	14.93	47.82	15.6	306.69	35.51	2.99	48.73	
02/07/2024 00:30	19.45	6.35	124.77	15.25	15.16	1.22	21.15	14.93	47.82	15.6	306.69	35.3	2.84	49.22	
02/07/2024 00:35	19.45	6.35	124.77	15.25	15.05	1.23	21.39	14.93	47.82	15.6	306.69	35.02	2.86	49.78	
02/07/2024 00:40	19.45	6.35	124.77	15.25	15.22	1.3	20.73	14.93	47.82	15.6	306.69	35.44	3.04	48.27	
02/07/2024 00:45	19.45	6.35	124.77	15.25	15.3	1.33	20.81	14.93	47.82	15.6	306.69	35.64	3.1	48.47	
02/07/2024 00:50	19.45	6.35	124.77	15.25	15.37	1.44	20.71	14.93	47.82	15.6	306.69	35.79	3.36	48.21	
02/07/2024 00:55	19.45	6.35	124.77	15.25	15.11	1.19	20.49	14.93	47.82	15.6	306.69	35.17	2.78	47.68	
02/07/2024 01:00	19.45	6.35	124.77	15.25	15.47	1.42	19.8	14.93	47.82	15.6	306.69	36.02	3.3	46.09	
02/07/2024 01:05	19.45	6.35	124.77	15.25	15.3	1.27	19.86	14.93	47.82	15.6	306.69	35.62	2.96	46.22	
02/07/2024 01:10	19.45	6.35	124.77	15.25	15.38	1.47	20.02	14.93	47.82	15.6	306.69	35.81	3.42	46.62	
02/07/2024 01:15	19.45	6.35	124.77	15.25	15.31	1.31	19.89	14.93	47.82	15.6	306.69	35.65	3.06	46.31	
02/07/2024 01:20	19.45	6.35	124.77	15.25	15.45	1.4	19.69	14.93	47.82	15.6	306.69	35.97	3.25	45.83	
02/07/2024 01:25	19.45	6.35	124.77	15.25	15.39	1.25	19.79	14.93	47.82	15.6	306.69	35.82	2.91	46.05	
02/07/2024 01:30	19.45	6.35	124.77	15.25	15.32	1.32	20.31	14.93	47.82	15.6	306.69	35.64	3.07	47.25	
02/07/2024 01:35	19.45	6.35	124.77	15.25	15.46	1.4	20.26	14.93	47.82	15.6	306.69	35.98	3.26	47.15	
02/07/2024 01:40	19.45	6.35	124.77	15.25	15.48	1.43	20.03	14.93	47.82	15.6	306.69	36.03	3.33	46.62	
02/07/2024 01:45	19.45	6.35	124.77	15.25	15.44	1.36	20.02	14.93	47.82	15.6	306.69	35.92	3.16	46.57	
02/07/2024 01:50	19.45	6.35	124.77	15.25	15.45	1.39	19.56	14.93	47.82	15.6	306.69	35.95	3.25	45.52	
02/07/2024 01:55	19.45	6.35	124.77	15.25	15.4	1.37	20.13	14.93	47.82	15.6	306.69	35.85	3.18	46.86	
02/07/2024 02:00	19.45	6.35	124.77	15.25	15.51	1.41	19.52	14.93	47.82	15.6	306.69	36.08	3.29	45.4	
02/07/2024 02:05	19.45	6.35	124.77	15.25	15.58	1.39	19.19	14.93	47.82	15.6	306.69	36.26	3.23	44.67	
02/07/2024 02:10	19.45	6.35	124.77	15.25	15.53	1.36	19.17	14.93	47.82	15.6	306.69	36.15	3.17	44.62	
02/07/2024 02:15	19.45	6.35	124.77	15.25	15.63	1.39	19.02	14.93	47.82	15.6	306.69	36.39	3.24	44.3	
02/07/2024 02:20	19.45	6.35	124.77	15.25	15.46	1.28	18.69	14.93	47.82	15.6	306.69	36.01	2.99	43.53	
02/07/2024 02:25	19.45	6.35	124.77	15.25	15.57	1.37	18.39	14.94	47.82	15.6	306.69	36.29	3.19	42.85	
02/07/2024 02:30	19.45	6.35	124.77	15.25	15.49	1.23	18.41	14.93	47.82	15.6	306.69	36.1	2.88	42.91	
02/07/2024 02:35	19.45	6.35	124.77	15.25	15.61	1.41	18.39	14.93	47.82	15.6	306.69	36.35	3.28	42.84	
02/07/2024 02:40	19.45	6.35	124.77	15.25	15.54	1.32	18.47	14.93	47.82	15.6	306.69	36.18	3.08	43.01	
02/07/2024 02:45	19.45	6.35	124.77	15.25	15.61	1.39	18.36	14.93	47.82	15.6	306.69	36.35	3.23	42.75	
02/07/2024 02:50	19.45	6.35	124.77	15.25	15.52	1.32	18.33	14.93	47.82	15.6	306.69	36.13	3.08	42.67	
02/07/2024 02:55	19.45	6.35	124.77	15.25	15.72	1.41	18.52	14.93	47.82	15.6	306.69	36.61	3.27	43.14	
02/07/2024 03:00	19.45	6.35	124.77	15.25	15.75	1.32	18.54	14.94	47.82	15.6	306.69	36.72	3.08	43.22	
02/07/2024 03:05	19.45	6.35	124.77	15.25	15.78	1.48	18.79	14.94	47.82	15.6	306.69	36.77	3.45	43.78	
02/07/2024 03:10	19.45	6.35	124.77	15.25	15.69	1.24	18.48	14.94	47.82	15.6	306.69	36.58	2.89	43.09	
02/07/2024 03:15	19.45	6.35	124.77	15.25	15.7	1.35	18.83	14.94	47.82	15.6	306.69	36.62	3.15	43.93	
02/07/2024 03:20	19.45	6.35	124.77	15.25	15.72	1.39	19.11	14.94	47.82	15.6	306.69	36.66	3.24	44.55	
02/07/2024 03:25	19.45	6.35	124.77	15.25	15.72	1.44	19.37	14.93	47.82	15.6	306.69	36.6	3.37	45.11	
02/07/2024 03:30	19.45	6.35	124.77	15.25	15.67	1.41	19.27	14.93	47.82	15.6	306.69	36.51	3.28	44.87	
02/07/2024 03:35	19.45	6.35	124.77	15.25	15.69	1.45	18.93	14.93	47.82	15.6	306.69	36.54	3.37	44.07	
02/07/2024 03:40	19.45	6.35	124.77	15.25	15.71	1.41	18.65	14.93	47.82	15.6	306.69	36.59	3.28	43.44	
02/07/2024 03:45	19.45	6.35	124.77	15.25	15.72	1.46	18.72	14.93	47.82	15.6	306.69	36.59	3.41	43.58	
02/07/2024 03:50	19.45	6.35	124.77	15.25	15.65	1.38	18.27	14.93	47.82	15.6	306.69	36.43	3.22	42.54	
02/07/2024 03:55	19.45	6.35	124.77	15.25	15.84	1.44	18.02	14.93	47.82	15.6	306.69	36.87	3.36	41.95	
02/07/2024 04:00	19.45	6.35	124.77	15.25	15.77	1.4	17.9	14.93	47.82	15.6	306.69	36.71	3.26	41.68	
02/07/2024 04:05	19.45	6.35	124.77	15.25	15.82	1.48	18.43	14.93	47.82	15.6	306.69	36.83	3.44	42.91	
02/07/2024 04:10	19.45	6.35	124.77	15.25	15.54	1.43	19.09	14.93	47.82	15.6	306.69	36.17	3.33	44.44	
02/07/2024 04:15	19.45	6.35	124.77	15.25	15.5	1.45	18.85	14.93	47.82	15.6	306.69	36.06	3.38	43.86	
02/07/2024 04:20	19.45	6.35	124.77	15.25	15.52	1.47	19.17	14.93	47.82	15.6	306.69	36.15	3.43	44.66	
02/07/2024 04:25	19.45	6.35	124.77	15.25	15.47	1.41	18.82	14.93	47.82	15.6	306.69	36.04	3.28	43.85	
02/07/2024 04:30	19.45	6.35	124.77	15.25	15.57	1.47	18.33	14.93	47.82	15.6	306.69	36.27	3.42	42.69	
02/07/2024 04:35	19.45	6.35	124.77	15.25	15.53	1.48	18.34	14.93	47.82	15.6	306.69	36.18	3.44	42.73	
02/07/2024 04:40	19.45	6.35	124.77	15.25	15.69	1.49	18.08	14.94	47.82	15.6	306.69	36.58	3.47	42.15	
02/07/2024 04:45															



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
02/07/2024 06:20	19.45	6.35	124.77	15.25	15.48	1.39	18.79	14.93	47.82	15.6	306.69	36.08	3.24	43.77	
02/07/2024 06:25	19.45	6.35	124.77	15.25	15.55	1.48	18.45	14.94	47.82	15.6	306.69	36.24	3.46	43	
02/07/2024 06:30	19.45	6.35	124.77	15.25	15.42	1.46	19.04	14.94	47.82	15.6	306.69	35.94	3.4	44.39	
02/07/2024 06:35	19.45	6.35	124.77	15.25	15.71	1.51	18.5	14.94	47.82	15.6	306.69	36.61	3.51	43.12	
02/07/2024 06:40	19.45	6.35	124.77	15.25	15.52	1.4	18.19	14.94	47.82	15.6	306.69	36.21	3.26	42.44	
02/07/2024 06:45	19.45	6.35	124.77	15.25	15.64	1.51	18.09	14.94	47.82	15.6	306.69	36.48	3.53	42.22	
02/07/2024 06:50	19.45	6.35	124.77	15.25	15.55	1.45	18.33	14.95	47.82	15.6	306.69	36.32	3.38	42.8	
02/07/2024 06:55	19.45	6.35	124.77	15.25	15.6	1.45	17.76	14.95	47.82	15.6	306.69	36.42	3.4	41.45	
02/07/2024 07:00	19.45	6.35	124.77	15.25	15.64	1.45	18.07	14.95	47.82	15.6	306.69	36.51	3.39	42.2	
02/07/2024 07:05	19.45	6.35	124.77	15.25	15.65	1.44	18.17	14.94	47.82	15.6	306.69	36.52	3.36	42.41	
02/07/2024 07:10	19.45	6.35	124.77	15.25	15.59	1.41	18.6	14.95	47.82	15.6	306.69	36.41	3.28	43.45	
02/07/2024 07:15	19.45	6.35	124.77	15.25	15.74	1.4	18.27	14.95	47.82	15.6	306.69	36.77	3.26	42.67	
02/07/2024 07:20	19.45	6.35	124.77	15.25	15.8	1.39	18.17	14.95	47.82	15.6	306.69	36.93	3.25	42.45	
02/07/2024 07:25	19.45	6.35	124.77	15.25	15.72	1.34	18.37	14.95	47.82	15.6	306.69	36.71	3.13	42.89	
02/07/2024 07:30	19.45	6.35	124.77	15.25	15.59	1.29	18.32	14.95	47.82	15.6	306.69	36.39	3.02	42.78	
02/07/2024 07:35	19.45	6.35	124.77	15.25	15.7	1.3	18.4	14.95	47.82	15.6	306.69	36.64	3.04	42.95	
02/07/2024 07:40	19.45	6.35	124.77	15.25	15.85	1.32	18.49	14.95	47.82	15.6	306.69	37.01	3.08	43.16	
02/07/2024 07:45	19.45	6.35	124.77	15.25	15.86	1.27	18.29	14.94	47.82	15.6	306.69	37.01	2.97	42.67	
02/07/2024 07:50	19.45	6.35	124.77	15.25	15.71	1.23	18.25	14.94	47.82	15.6	306.69	36.62	2.87	42.54	
02/07/2024 07:55	19.45	6.35	124.77	15.25	15.84	1.22	18.04	14.94	47.82	15.6	306.69	36.92	2.85	42.03	
02/07/2024 08:00	19.45	6.35	124.77	15.25	15.72	1.11	18.03	14.93	47.82	15.6	306.69	36.61	2.58	41.99	
02/07/2024 08:05	19.45	6.35	124.77	15.25	15.78	1.16	18.27	14.93	47.82	15.6	306.69	36.75	2.71	42.53	
02/07/2024 08:10	19.45	6.35	124.77	15.25	15.96	1.18	18.04	14.92	47.82	15.6	306.69	37.13	2.76	41.97	
02/07/2024 08:15	19.45	6.35	124.77	15.25	15.93	1.2	18.03	14.92	47.82	15.6	306.69	37.03	2.78	41.91	
02/07/2024 08:20	19.45	6.35	124.77	15.25	15.9	1.05	18.22	14.92	47.82	15.6	306.69	36.95	2.43	42.34	
02/07/2024 08:25	19.45	6.35	124.77	15.25	16.06	1.18	18.43	14.92	47.82	15.6	306.69	37.33	2.74	42.83	
02/07/2024 08:30	19.45	6.35	124.77	15.25	16.15	1.09	18.16	14.92	47.82	15.6	306.69	37.54	2.52	42.21	
02/07/2024 08:35	19.45	6.35	124.77	15.25	16	1.08	18.6	14.91	47.82	15.6	306.69	37.16	2.52	43.2	
02/07/2024 08:40	19.45	6.35	124.77	15.25	16.02	1.11	18.82	14.91	47.82	15.6	306.69	37.19	2.58	43.69	
02/07/2024 08:45	19.45	6.35	124.77	15.25	16.04	1.07	18.68	14.91	47.82	15.6	306.69	37.24	2.5	43.36	
02/07/2024 08:50	19.45	6.35	124.77	15.25	16.04	1.08	18.65	14.91	47.82	15.6	306.69	37.19	2.51	43.24	
02/07/2024 08:55	19.45	6.35	124.77	15.25	15.98	1.01	18.65	14.9	47.82	15.6	306.69	37.05	2.33	43.24	
02/07/2024 09:00	19.45	6.35	124.77	15.25	15.95	0.88	18.6	14.9	47.82	15.6	306.69	36.97	2.04	43.1	
02/07/2024 09:05	19.45	6.35	124.77	15.25	16.06	0.99	18.4	14.9	47.82	15.6	306.69	37.22	2.29	42.64	
02/07/2024 09:10	19.45	6.35	124.77	15.25	16.02	0.93	18.43	14.9	47.82	15.6	306.69	37.15	2.16	42.72	
02/07/2024 09:15	19.45	6.35	124.77	15.25	16.16	1.03	18.74	14.91	47.82	15.6	306.69	37.49	2.38	43.46	
02/07/2024 09:20	19.45	6.35	124.77	15.25	15.94	0.88	18.59	14.91	47.82	15.6	306.69	36.96	2.04	43.1	
02/07/2024 09:25	19.45	6.35	124.77	15.25	16	0.9	18.64	14.91	47.82	15.6	306.69	37.09	2.08	43.21	
02/07/2024 09:30	19.45	6.35	124.77	15.25	16	0.92	18.57	14.91	47.82	15.6	306.69	37.09	2.14	43.05	
02/07/2024 09:35	19.45	6.35	124.77	15.25	16.06	0.9	18.69	14.91	47.82	15.6	306.69	37.23	2.08	43.34	
02/07/2024 09:40	19.45	6.35	124.77	15.25	16.11	0.86	18.51	14.9	47.82	15.6	306.69	37.32	2	42.89	
02/07/2024 09:45	19.45	6.35	124.77	15.25	15.92	0.75	18.43	14.9	47.82	15.6	306.69	36.88	1.75	42.7	
02/07/2024 09:50	19.45	6.35	124.77	15.25	16.08	0.76	18.2	14.89	47.82	15.6	306.69	37.21	1.76	42.12	
02/07/2024 09:55	19.45	6.35	124.77	15.25	16.22	0.8	17.92	14.89	47.82	15.6	306.69	37.54	1.85	41.46	
02/07/2024 10:00	19.45	6.35	124.77	15.25	16.06	0.68	17.76	14.89	47.82	15.6	306.69	37.13	1.57	41.06	
02/07/2024 10:05	19.45	6.35	124.77	15.25	16.01	0.6	17.7	14.88	47.82	15.6	306.69	36.99	1.39	40.9	
02/07/2024 10:10	19.45	6.35	124.77	15.25	15.88	0.55	17.71	14.88	47.82	15.6	306.69	36.66	1.26	40.89	
02/07/2024 10:15	19.45	6.35	124.77	15.25	15.95	0.61	17.82	14.88	47.82	15.6	306.69	36.83	1.41	41.14	
02/07/2024 10:20	19.45	6.35	124.77	15.25	16.51	0.81	17.38	14.87	47.82	15.6	306.69	38.07	1.88	40.07	
02/07/2024 10:25	19.45	6.35	124.77	15.25	15.98	0.33	17.14	14.86	47.82	15.6	306.69	36.74	0.76	39.43	
02/07/2024 10:30	19.45	6.35	124.77	15.25	15.98	0.56	17.43	14.85	47.82	15.6	306.69	36.74	1.29	40.07	
02/07/2024 10:35	19.45	6.35	124.77	15.25	16.15	0.61	17.47	14.86	47.82	15.6	306.69	37.18	1.4	40.2	
02/07/2024 10:40	19.45	6.35	124.77	15.25	16.12	0.59	17.33	14.87	47.82	15.6	306.69	37.17	1.35	39.94	
02/07/2024 10:45	19.45	6.35	124.77	15.25	16.28	0.57	17.36	14.88	47.82	15.6	306.69	37.58	1.32	40.08	
02/07/2024 10:50	19.45	6.35	124.77	15.25	16.19	0.54	17.34	14.88	47.82	15.6	306.69	37.4	1.26	40.06	
02/07/2024 10:55	19.45	6.35	124.77	15.25	16.26	0.46	17.28	14.88	47.82	15.6	306.69	37.58	1.07	39.92	
02/07/2024 11:00	19.45	6.35	124.77	15.25	16.13	0.4	17.18	14.89	47.82	15.6	306.69	37.27	0.92	39.72	
02/07/2024 11:05	19.45	6.35	124.77	15.25	16.13	0.28	16.98	14.89	47.82	15.6	306.69	37.27	0.66	39.24	
02/07/2024 11:10	19.45	6.35	124.77	15.25	16.02	0.21	17.07	14.88	47.82	15.6	306.69	37	0.48	39.42	
02/07/2024 11:15	19.45	6.35	124.77	15.25	15.93	0.09	17.12	14.87	47.82	15.6	306.69	36.76	0.2	39.5	
02/07/2024 11:20	19.45	6.35	124.77	15.25	15.52	0	17.28	14.86	47.82	15.6	306.69	35.74	0	39.78	
02/07/2024 11:25	19.45	6.35	124.77	15.25	15.76	0.08	17.23	14.85	47.82	15.6	306.69	36.22	0.18	39.6	
02/07/2024 11:30	19.45	6.35	124.77	15.25	16.01	0.21	17.09	14.85	47.82	15.6	306.69	36.75	0.47	39.25	
02/07/2024 11:35	19.45	6.35	124.77	15.25	15.94	0.28	17.1	14.85	47.82	15.6	306.69	36.61	0.64	39.28	
02/07/2024 11:40	19.45	6.35	124.77	15.25	16.03	0.28	17.14	14.85	47.82	15.6	306.69	36.85	0.63	39.39	
02/07/2024 11:45	19.45	6.35	124.77	15.25	15.96	0.22	17.24	14.86	47.82	15.6	306.69	36.73	0.5	39.68	
02/07/2024 11:50	19.45	6.35	124.77	15.25	15.93	0.15	16.84	14.87	47.82	15.6	306.69	36.7	0.34	38.8	
02/07/2024 11:55	19.45	6.35	124.77	15.25	15.95	0.08	16.58	14.88	47.82	15.6	306.69	36.8	0.18	38.24	
02/07/2024 12:00	19.45	6.35	124.77	15.25	15.9	0.01	16.47	14.88	47.82	15.6	306.69	36.7	0.01	38.02	
02/07/2024 12:05	19.45	6.35	124.77	15.25	15.72	0	16.46	14.88	47.82	15.6	306.69	36.28	0	38	
02/07/2024 12:10	19.45	6.35	124.77	15.25	15.67	0	16.43	14.88	47.82	15.6	306.69	36.17	0	37.93	
02/07/2024 12:15	19.45	6.35	124.77	15.25	15.63	0	16.54	14.88	47.82	15.6	306.69	36.08	0	38.19	
02/07/2024 12:20	19.45	6.35	124.77	15.25	15.47	0	16.64								



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
02/07/2024 13:55	19.45	6.35	124.77	15.25	15.58	0	18.24	14.88	47.82	15.6	306.69	35.96	0	42.09	
02/07/2024 14:00	19.45	6.35	124.77	15.25	15.58	0	18.08	14.88	47.82	15.6	306.69	36	0	41.76	
02/07/2024 14:05	19.45	6.35	124.77	15.25	15.5	0	18.01	14.89	47.82	15.6	306.69	35.83	0	41.64	
02/07/2024 14:10	19.45	6.35	124.77	15.25	15.55	0	18.48	14.89	47.82	15.6	306.69	35.95	0	42.74	
02/07/2024 14:15	19.45	6.35	124.77	15.25	15.35	0	18.57	14.89	47.82	15.6	306.69	35.49	0	42.95	
02/07/2024 14:20	19.45	6.35	124.77	15.25	15.17	0	18.39	14.89	47.82	15.6	306.69	35.06	0	42.51	
02/07/2024 14:25	19.45	6.35	124.77	15.25	15.17	0	18.38	14.89	47.82	15.6	306.69	35.06	0	42.47	
02/07/2024 14:30	19.45	6.35	124.77	15.25	15.07	0	18.3	14.88	47.82	15.6	306.69	34.81	0	42.27	
02/07/2024 14:35	19.45	6.35	124.77	15.25	15.4	0	18.64	14.87	47.82	15.6	306.69	35.47	0	42.94	
02/07/2024 14:40	19.45	6.35	124.77	15.25	15.59	0	18.52	14.84	47.82	15.6	306.69	35.74	0	42.46	
02/07/2024 14:45	19.45	6.35	124.77	15.25	15.53	0	18.32	14.81	47.82	15.6	306.69	35.46	0	41.84	
02/07/2024 14:50	19.45	6.35	124.77	15.25	15.55	0	18	14.81	47.82	15.6	306.69	35.49	0	41.08	
02/07/2024 14:55	19.45	6.35	124.77	15.25	15.6	0	17.54	14.82	47.82	15.6	306.69	35.65	0	40.07	
02/07/2024 15:00	19.45	6.35	124.77	15.25	15.56	0	18.18	14.83	47.82	15.6	306.69	35.64	0	41.63	
02/07/2024 15:05	19.45	6.35	124.77	15.25	15.45	0	18.28	14.85	47.82	15.6	306.69	35.5	0	41.99	
02/07/2024 15:10	19.45	6.35	124.77	15.25	15.57	0	18.45	14.87	47.82	15.6	306.69	35.89	0	42.54	
02/07/2024 15:15	19.45	6.35	124.77	15.25	15.47	0	17.94	14.88	47.82	15.6	306.69	35.73	0	41.44	
02/07/2024 15:20	19.45	6.35	124.77	15.25	15.39	0	17.76	14.89	47.82	15.6	306.69	35.59	0	41.07	
02/07/2024 15:25	19.45	6.35	124.77	15.25	15.28	0	18.64	14.89	47.82	15.6	306.69	35.34	0	43.11	
02/07/2024 15:30	19.45	6.35	124.77	15.25	15.16	0	19.06	14.89	47.82	15.6	306.69	35.05	0	44.05	
02/07/2024 15:35	19.45	6.35	124.77	15.25	15.02	0	19.43	14.88	47.82	15.6	306.69	34.69	0	44.88	
02/07/2024 15:40	19.45	6.35	124.77	15.25	15.29	0	18.82	14.87	47.82	15.6	306.69	35.26	0	43.38	
02/07/2024 15:45	19.45	6.35	124.77	15.25	15.5	0	18.44	14.87	47.82	15.6	306.69	35.72	0	42.5	
02/07/2024 15:50	19.45	6.35	124.77	15.25	15.75	0	17.69	14.87	47.82	15.6	306.69	36.33	0	40.81	
02/07/2024 15:55	19.45	6.35	124.77	15.25	15.82	0	17.7	14.88	47.82	15.6	306.69	36.54	0	40.86	
02/07/2024 16:00	19.45	6.35	124.77	15.25	15.56	0	19.23	14.88	47.82	15.6	306.69	35.92	0	44.39	
02/07/2024 16:05	19.45	6.35	124.77	15.25	15.43	0	19.48	14.88	47.82	15.6	306.69	35.62	0	44.97	
02/07/2024 16:10	19.45	6.35	124.77	15.25	15.51	0	18.85	14.88	47.82	15.6	306.69	35.82	0	43.55	
02/07/2024 16:15	19.45	6.35	124.77	15.25	15.24	0	18.49	14.88	47.82	15.6	306.69	35.17	0	42.68	
02/07/2024 16:20	19.45	6.35	124.77	15.25	15.08	0	19.14	14.86	47.82	15.6	306.69	34.71	0	44.06	
02/07/2024 16:25	19.45	6.35	124.77	15.25	15.35	0	19.1	14.85	47.82	15.6	306.69	35.29	0	43.91	
02/07/2024 16:30	19.45	6.35	124.77	15.25	15.62	0.01	19.08	14.85	47.82	15.6	306.69	35.9	0.01	43.85	
02/07/2024 16:35	19.45	6.35	124.77	15.25	15.12	0	19.49	14.84	47.82	15.6	306.69	34.7	0	44.73	
02/07/2024 16:40	19.45	6.35	124.77	15.25	15.17	0	18.77	14.83	47.82	15.6	306.69	34.76	0	43.02	
02/07/2024 16:45	19.45	6.35	124.77	15.25	15.58	0	18.85	14.84	47.82	15.6	306.69	35.7	0	43.2	
02/07/2024 16:50	19.45	6.35	124.77	15.25	15.14	0	18.86	14.83	47.82	15.6	306.69	34.68	0	43.21	
02/07/2024 16:55	19.45	6.35	124.77	15.25	15.25	0	19.13	14.84	47.82	15.6	306.69	34.95	0.01	43.86	
02/07/2024 17:00	19.45	6.35	124.77	15.25	15.24	0	18.97	14.84	47.82	15.6	306.69	34.96	0	43.53	
02/07/2024 17:05	19.45	6.35	124.77	15.25	15.14	0	19.55	14.84	47.82	15.6	306.69	34.74	0.01	44.84	
02/07/2024 17:10	19.45	6.35	124.77	15.25	15.22	0.01	19.19	14.84	47.82	15.6	306.69	34.94	0.02	44.05	
02/07/2024 17:15	19.45	6.35	124.77	15.25	15.37	0	18.47	14.84	47.82	15.6	306.69	35.25	0	42.36	
02/07/2024 17:20	19.45	6.35	124.77	15.25	15.42	0.03	18.55	14.84	47.82	15.6	306.69	35.38	0.08	42.55	
02/07/2024 17:25	19.45	6.35	124.77	15.25	15.35	0.02	18.89	14.84	47.82	15.6	306.69	35.2	0.06	43.32	
02/07/2024 17:30	19.45	6.35	124.77	15.25	15.32	0.04	19.05	14.84	47.82	15.6	306.69	35.15	0.09	43.71	
02/07/2024 17:35	19.45	6.35	124.77	15.25	15.34	0.04	18.65	14.84	47.82	15.6	306.69	35.22	0.08	42.81	
02/07/2024 17:40	19.45	6.35	124.77	15.25	15.32	0.07	19.15	14.85	47.82	15.6	306.69	35.2	0.15	44	
02/07/2024 17:45	19.45	6.35	124.77	15.25	15.33	0.07	19.26	14.85	47.82	15.6	306.69	35.24	0.16	44.26	
02/07/2024 17:50	19.45	6.35	124.77	15.25	15.3	0.07	19.97	14.86	47.82	15.6	306.69	35.21	0.16	45.94	
02/07/2024 17:55	19.45	6.35	124.77	15.25	15.27	0.17	19.74	14.86	47.82	15.6	306.69	35.12	0.38	45.39	
02/07/2024 18:00	19.45	6.35	124.77	15.25	15.19	0.07	19.55	14.86	47.82	15.6	306.69	34.96	0.17	44.98	
02/07/2024 18:05	19.45	6.35	124.77	15.25	15.28	0.22	19.55	14.86	47.82	15.6	306.69	35.17	0.5	45	
02/07/2024 18:10	19.45	6.35	124.77	15.25	15.18	0.06	19.2	14.86	47.82	15.6	306.69	34.92	0.13	44.15	
02/07/2024 18:15	19.45	6.35	124.77	15.25	15.54	0.32	19.55	14.86	47.82	15.6	306.69	35.78	0.73	45.02	
02/07/2024 18:20	19.45	6.35	124.77	15.25	15.26	0.15	19.57	14.86	47.82	15.6	306.69	35.13	0.34	45.05	
02/07/2024 18:25	19.45	6.35	124.77	15.25	15.67	0.38	19.76	14.86	47.82	15.6	306.69	36.07	0.88	45.5	
02/07/2024 18:30	19.45	6.35	124.77	15.25	15.56	0.38	20.07	14.86	47.82	15.6	306.69	35.82	0.87	46.2	
02/07/2024 18:35	19.45	6.35	124.77	15.25	15.52	0.44	20.29	14.86	47.82	15.6	306.69	35.72	1.02	46.72	
02/07/2024 18:40	19.45	6.35	124.77	15.25	15.44	0.36	20.2	14.86	47.82	15.6	306.69	35.52	0.82	46.48	
02/07/2024 18:45	19.45	6.35	124.77	15.25	15.56	0.43	20.18	14.87	47.82	15.6	306.69	35.86	0.98	46.5	
02/07/2024 18:50	19.45	6.35	124.77	15.25	15.5	0.35	19.9	14.87	47.82	15.6	306.69	35.7	0.81	45.85	
02/07/2024 18:55	19.45	6.35	124.77	15.25	15.59	0.45	19.88	14.87	47.82	15.6	306.69	35.94	1.03	45.82	
02/07/2024 19:00	19.45	6.35	124.77	15.25	15.58	0.56	20.11	14.87	47.82	15.6	306.69	35.91	1.3	46.38	
02/07/2024 19:05	19.45	6.35	124.77	15.25	15.3	0.35	20.22	14.87	47.82	15.6	306.69	35.29	0.81	46.63	
02/07/2024 19:10	19.45	6.35	124.77	15.25	15.82	0.75	19.99	14.87	47.82	15.6	306.69	36.48	1.72	46.11	
02/07/2024 19:15	19.45	6.35	124.77	15.25	15.64	0.58	20.1	14.87	47.82	15.6	306.69	36.06	1.34	46.35	
02/07/2024 19:20	19.45	6.35	124.77	15.25	15.56	0.57	20.04	14.88	47.82	15.6	306.69	35.91	1.3	46.24	
02/07/2024 19:25	19.45	6.35	124.77	15.25	15.77	0.69	20.06	14.88	47.82	15.6	306.69	36.43	1.6	46.34	
02/07/2024 19:30	19.45	6.35	124.77	15.25	15.67	0.74	20.07	14.89	47.82	15.6	306.69	36.24	1.71	46.43	
02/07/2024 19:35	19.45	6.35	124.77	15.25	15.84	0.82	19.94	14.89	47.82	15.6	306.69	36.65	1.91	46.14	
02/07/2024 19:40	19.45	6.35	124.77	15.25	15.65	0.69	19.98	14.89	47.82	15.6	306.69	36.22	1.59	46.22	
02/07/2024 19:45	19.45	6.35	124.77	15.25	15.82	0.8	19.96	14.89	47.82	15.6	306.69	36.6	1.84	46.19	
02/07/2024 19:50	19.45	6.35	124.77	15.25	15.73	0.73	20.02	14.89	47.82	15.6	306.69	36.37	1.68	46.3	
02/07/2024 19:55	19.45	6.35	124.77	15.25	15.79	0.76	19.93	14.89	47.82	15.6	306.69	36.51	1.76	46.1	
02/07/2024 20:00	19.45	6.35	124.77	15.25	15.71	0.76	20.09	14.89							



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
02/07/2024 21:30	19.45	6.35	124.77	15.25	15.75	0.95	19.35	14.9	47.82	15.6	306.69	36.5	2.21	44.82	
02/07/2024 21:35	19.45	6.35	124.77	15.25	15.77	0.96	19.26	14.9	47.82	15.6	306.69	36.53	2.23	44.61	
02/07/2024 21:40	19.45	6.35	124.77	15.25	15.64	0.82	19.09	14.9	47.82	15.6	306.69	36.21	1.9	44.19	
02/07/2024 21:45	19.45	6.35	124.77	15.25	15.84	0.94	18.79	14.89	47.82	15.6	306.69	36.65	2.17	43.49	
02/07/2024 21:50	19.45	6.35	124.77	15.25	15.64	0.85	18.82	14.9	47.82	15.6	306.69	36.2	1.97	43.56	
02/07/2024 21:55	19.45	6.35	124.77	15.25	15.93	0.95	18.6	14.9	47.82	15.6	306.69	36.92	2.21	43.1	
02/07/2024 22:00	19.45	6.35	124.77	15.25	15.78	0.78	18.63	14.9	47.82	15.6	306.69	36.52	1.8	43.11	
02/07/2024 22:05	19.45	6.35	124.77	15.25	15.74	0.87	18.59	14.89	47.82	15.6	306.69	36.42	2.01	43.01	
02/07/2024 22:10	19.45	6.35	124.77	15.25	15.85	0.94	18.79	14.89	47.82	15.6	306.69	36.66	2.17	43.48	
02/07/2024 22:15	19.45	6.35	124.77	15.25	15.72	0.88	18.92	14.9	47.82	15.6	306.69	36.4	2.05	43.81	
02/07/2024 22:20	19.45	6.35	124.77	15.25	15.7	0.85	19.11	14.9	47.82	15.6	306.69	36.38	1.96	44.28	
02/07/2024 22:25	19.45	6.35	124.77	15.25	15.69	0.81	19.01	14.91	47.82	15.6	306.69	36.38	1.88	44.08	
02/07/2024 22:30	19.45	6.35	124.77	15.25	15.74	1	19.39	14.91	47.82	15.6	306.69	36.52	2.31	44.97	
02/07/2024 22:35	19.45	6.35	124.77	15.25	15.74	0.9	19.53	14.9	47.82	15.6	306.69	36.49	2.09	45.27	
02/07/2024 22:40	19.45	6.35	124.77	15.25	15.85	0.97	19.35	14.9	47.82	15.6	306.69	36.73	2.25	44.85	
02/07/2024 22:45	19.45	6.35	124.77	15.25	15.68	0.95	19.75	14.9	47.82	15.6	306.69	36.33	2.21	45.76	
02/07/2024 22:50	19.45	6.35	124.77	15.25	15.75	0.93	19.72	14.9	47.82	15.6	306.69	36.49	2.16	45.69	
02/07/2024 22:55	19.45	6.35	124.77	15.25	15.88	1.01	19.65	14.9	47.82	15.6	306.69	36.79	2.35	45.53	
02/07/2024 23:00	19.45	6.35	124.77	15.25	15.77	0.93	19.49	14.9	47.82	15.6	306.69	36.53	2.16	45.15	
02/07/2024 23:05	19.45	6.35	124.77	15.25	15.8	1.06	19.51	14.9	47.82	15.6	306.69	36.61	2.47	45.2	
02/07/2024 23:10	19.45	6.35	124.77	15.25	15.78	1.04	19.61	14.9	47.82	15.6	306.69	36.57	2.41	45.44	
02/07/2024 23:15	19.45	6.35	124.77	15.25	15.81	1.1	19.62	14.9	47.82	15.6	306.69	36.64	2.55	45.46	
02/07/2024 23:20	19.45	6.35	124.77	15.25	15.71	1.07	19.9	14.9	47.82	15.6	306.69	36.41	2.48	46.12	
02/07/2024 23:25	19.45	6.35	124.77	15.25	15.66	1.23	20.6	14.9	47.82	15.6	306.69	36.31	2.85	47.75	
02/07/2024 23:30	19.45	6.35	124.77	15.25	15.58	1.13	20.76	14.91	47.82	15.6	306.69	36.13	2.62	48.15	
02/07/2024 23:35	19.45	6.35	124.77	15.25	15.62	1.28	20.67	14.91	47.82	15.6	306.69	36.23	2.98	47.94	
02/07/2024 23:40	19.45	6.35	124.77	15.25	15.61	1.32	21.18	14.92	47.82	15.6	306.69	36.25	3.07	49.21	
02/07/2024 23:45	19.45	6.35	124.77	15.25	15.69	1.35	20.99	14.92	47.82	15.6	306.69	36.46	3.13	48.78	
02/07/2024 23:50	19.45	6.35	124.77	15.25	15.66	1.27	20.79	14.92	47.82	15.6	306.69	36.42	2.96	48.36	
02/07/2024 23:55	19.45	6.35	124.77	15.25	15.71	1.38	20.67	14.93	47.82	15.6	306.69	36.57	3.21	48.11	
03/07/2024 00:00	19.45	6.35	124.77	15.25	15.66	1.31	20.7	14.93	47.82	15.6	306.69	36.45	3.06	48.17	
03/07/2024 00:05	19.45	6.35	124.77	15.25	15.59	1.4	20.91	14.92	47.82	15.6	306.69	36.26	3.26	48.62	
03/07/2024 00:10	19.45	6.35	124.77	15.25	15.64	1.36	20.93	14.92	47.82	15.6	306.69	36.36	3.16	48.66	
03/07/2024 00:15	19.45	6.35	124.77	15.25	15.61	1.4	21.15	14.93	47.82	15.6	306.69	36.31	3.26	49.21	
03/07/2024 00:20	19.45	6.35	124.77	15.25	15.45	1.29	20.92	14.93	47.82	15.6	306.69	35.96	3	48.69	
03/07/2024 00:25	19.45	6.35	124.77	15.25	15.55	1.41	20.84	14.93	47.82	15.6	306.69	36.2	3.27	48.53	
03/07/2024 00:30	19.45	6.35	124.77	15.25	15.51	1.34	20.79	14.93	47.82	15.6	306.69	36.09	3.12	48.37	
03/07/2024 00:35	19.45	6.35	124.77	15.25	15.58	1.41	20.47	14.92	47.82	15.6	306.69	36.23	3.28	47.6	
03/07/2024 00:40	19.45	6.35	124.77	15.25	15.56	1.35	20.53	14.92	47.82	15.6	306.69	36.19	3.15	47.74	
03/07/2024 00:45	19.45	6.35	124.77	15.25	15.51	1.41	20.4	14.92	47.82	15.6	306.69	36.05	3.27	47.4	
03/07/2024 00:50	19.45	6.35	124.77	15.25	15.6	1.44	20.55	14.92	47.82	15.6	306.69	36.26	3.35	47.78	
03/07/2024 00:55	19.45	6.35	124.77	15.25	15.55	1.31	20.51	14.93	47.82	15.6	306.69	36.17	3.04	47.72	
03/07/2024 01:00	19.45	6.35	124.77	15.25	15.56	1.4	20.24	14.93	47.82	15.6	306.69	36.23	3.26	47.12	
03/07/2024 01:05	19.45	6.35	124.77	15.25	15.64	1.34	19.8	14.92	47.82	15.6	306.69	36.38	3.12	46.06	
03/07/2024 01:10	19.45	6.35	124.77	15.25	15.66	1.43	20.35	14.93	47.82	15.6	306.69	36.44	3.33	47.36	
03/07/2024 01:15	19.45	6.35	124.77	15.25	15.42	1.39	20.4	14.93	47.82	15.6	306.69	35.89	3.24	47.47	
03/07/2024 01:20	19.45	6.35	124.77	15.25	15.58	1.49	20.59	14.92	47.82	15.6	306.69	36.24	3.47	47.89	
03/07/2024 01:25	19.45	6.35	124.77	15.25	15.51	1.38	20.36	14.92	47.82	15.6	306.69	36.07	3.2	47.33	
03/07/2024 01:30	19.45	6.35	124.77	15.25	15.54	1.44	20.45	14.92	47.82	15.6	306.69	36.13	3.35	47.55	
03/07/2024 01:35	19.45	6.35	124.77	15.25	15.48	1.41	20.21	14.92	47.82	15.6	306.69	36	3.27	47.01	
03/07/2024 01:40	19.45	6.35	124.77	15.25	15.48	1.44	20.37	14.93	47.82	15.6	306.69	36.01	3.35	47.38	
03/07/2024 01:45	19.45	6.35	124.77	15.25	15.35	1.39	20.47	14.93	47.82	15.6	306.69	35.72	3.23	47.62	
03/07/2024 01:50	19.45	6.35	124.77	15.25	15.53	1.45	20.46	14.93	47.82	15.6	306.69	36.15	3.38	47.61	
03/07/2024 01:55	19.45	6.35	124.77	15.25	15.64	1.4	20.34	14.93	47.82	15.6	306.69	36.4	3.25	47.33	
03/07/2024 02:00	19.45	6.35	124.77	15.25	15.5	1.44	20.45	14.93	47.82	15.6	306.69	36.08	3.35	47.6	
03/07/2024 02:05	19.45	6.35	124.77	15.25	15.52	1.39	20.6	14.93	47.82	15.6	306.69	36.14	3.23	47.96	
03/07/2024 02:10	19.45	6.35	124.77	15.25	15.68	1.47	20.41	14.93	47.82	15.6	306.69	36.5	3.42	47.51	
03/07/2024 02:15	19.45	6.35	124.77	15.25	15.35	1.31	20.46	14.93	47.82	15.6	306.69	35.72	3.06	47.62	
03/07/2024 02:20	19.45	6.35	124.77	15.25	15.63	1.42	20.45	14.92	47.82	15.6	306.69	36.35	3.31	47.56	
03/07/2024 02:25	19.45	6.35	124.77	15.25	15.39	1.27	20.61	14.93	47.82	15.6	306.69	35.81	2.96	47.95	
03/07/2024 02:30	19.45	6.35	124.77	15.25	15.57	1.43	20.79	14.93	47.82	15.6	306.69	36.23	3.33	48.39	
03/07/2024 02:35	19.45	6.35	124.77	15.25	15.48	1.33	20.7	14.93	47.82	15.6	306.69	36.04	3.09	48.17	
03/07/2024 02:40	19.45	6.35	124.77	15.25	15.54	1.43	21.03	14.93	47.82	15.6	306.69	36.15	3.32	48.94	
03/07/2024 02:45	19.45	6.35	124.77	15.25	15.31	1.32	21.42	14.92	47.82	15.6	306.69	35.61	3.08	49.82	
03/07/2024 02:50	19.45	6.35	124.77	15.25	15.45	1.42	21.3	14.92	47.82	15.6	306.69	35.92	3.29	49.52	
03/07/2024 02:55	19.45	6.35	124.77	15.25	15.37	1.4	21.47	14.92	47.82	15.6	306.69	35.73	3.27	49.91	
03/07/2024 03:00	19.45	6.35	124.77	15.25	15.46	1.48	21.72	14.92	47.82	15.6	306.69	35.93	3.43	50.48	
03/07/2024 03:05	19.45	6.35	124.77	15.25	15.29	1.36	21.29	14.92	47.82	15.6	306.69	35.54	3.15	49.48	
03/07/2024 03:10	19.45	6.35	124.77	15.25	15.35	1.41	21.33	14.92	47.82	15.6	306.69	35.69	3.28	49.6	
03/07/2024 03:15	19.45	6.35	124.77	15.25	15.38	1.36	21.49	14.92	47.82	15.6	306.69	35.76	3.17	49.97	
03/07/2024 03:20	19.45	6.35	124.77	15.25	15.44	1.41	21.09	14.92	47.82	15.6	306.69	35.88	3.28	49.01	
03/07/2024 03:25	19.45	6.35	124.77	15.25	15.33	1.33	21.13	14.92	47.82	15.6	306.69	35.61	3.08	49.07	
03/07/2024 03:30	19.45	6.35	124.77	15.25	15.47	1.43</									



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/07/2024 05:05	19.45	6.35	124.77	15.25	15.23	1.42	21.47	14.91	47.82	15.6	306.69	35.32	3.3	49.8	
03/07/2024 05:10	19.45	6.35	124.77	15.25	15.31	1.38	21.13	14.91	47.82	15.6	306.69	35.52	3.21	49	
03/07/2024 05:15	19.45	6.35	124.77	15.25	15.39	1.38	21.17	14.91	47.82	15.6	306.69	35.69	3.2	49.1	
03/07/2024 05:20	19.45	6.35	124.77	15.25	15.31	1.47	21.42	14.91	47.82	15.6	306.69	35.53	3.42	49.7	
03/07/2024 05:25	19.45	6.35	124.77	15.25	15.25	1.46	21.5	14.9	47.82	15.6	306.69	35.35	3.38	49.84	
03/07/2024 05:30	19.45	6.35	124.77	15.25	15.26	1.54	21.72	14.9	47.82	15.6	306.69	35.37	3.57	50.33	
03/07/2024 05:35	19.45	6.35	124.77	15.25	15.28	1.39	21.48	14.9	47.82	15.6	306.69	35.38	3.23	49.75	
03/07/2024 05:40	19.45	6.35	124.77	15.25	15.23	1.4	21.23	14.9	47.82	15.6	306.69	35.3	3.24	49.21	
03/07/2024 05:45	19.45	6.35	124.77	15.25	15.33	1.41	21.28	14.91	47.82	15.6	306.69	35.57	3.26	49.38	
03/07/2024 05:50	19.45	6.35	124.77	15.25	15.36	1.47	21.36	14.91	47.82	15.6	306.69	35.65	3.41	49.56	
03/07/2024 05:55	19.45	6.35	124.77	15.25	15.25	1.4	21.35	14.91	47.82	15.6	306.69	35.38	3.25	49.54	
03/07/2024 06:00	19.45	6.35	124.77	15.25	15.27	1.46	21.2	14.91	47.82	15.6	306.69	35.42	3.39	49.16	
03/07/2024 06:05	19.45	6.35	124.77	15.25	15.28	1.38	21.14	14.9	47.82	15.6	306.69	35.42	3.2	49	
03/07/2024 06:10	19.45	6.35	124.77	15.25	15.19	1.52	21.23	14.91	47.82	15.6	306.69	35.22	3.53	49.25	
03/07/2024 06:15	19.45	6.35	124.77	15.25	15.09	1.37	21.38	14.91	47.82	15.6	306.69	35	3.17	49.59	
03/07/2024 06:20	19.45	6.35	124.77	15.25	15.26	1.5	21.43	14.91	47.82	15.6	306.69	35.38	3.47	49.7	
03/07/2024 06:25	19.45	6.35	124.77	15.25	15.05	1.43	21.43	14.9	47.82	15.6	306.69	34.89	3.31	49.66	
03/07/2024 06:30	19.45	6.35	124.77	15.25	15.21	1.56	22.02	14.91	47.82	15.6	306.69	35.29	3.62	51.09	
03/07/2024 06:35	19.45	6.35	124.77	15.25	15.15	1.42	21.91	14.91	47.82	15.6	306.69	35.15	3.29	50.83	
03/07/2024 06:40	19.45	6.35	124.77	15.25	15.11	1.45	22.17	14.92	47.82	15.6	306.69	35.12	3.37	51.53	
03/07/2024 06:45	19.45	6.35	124.77	15.25	15.22	1.46	21.84	14.92	47.82	15.6	306.69	35.39	3.39	50.79	
03/07/2024 06:50	19.45	6.35	124.77	15.25	15.19	1.42	21.92	14.92	47.82	15.6	306.69	35.32	3.31	50.95	
03/07/2024 06:55	19.45	6.35	124.77	15.25	15.35	1.44	22.2	14.91	47.82	15.6	306.69	35.65	3.35	51.54	
03/07/2024 07:00	19.45	6.35	124.77	15.25	15.31	1.52	22.12	14.91	47.82	15.6	306.69	35.52	3.53	51.33	
03/07/2024 07:05	19.45	6.35	124.77	15.25	15.29	1.38	21.54	14.9	47.82	15.6	306.69	35.45	3.21	49.94	
03/07/2024 07:10	19.45	6.35	124.77	15.25	15.38	1.44	21.48	14.9	47.82	15.6	306.69	35.65	3.33	49.79	
03/07/2024 07:15	19.45	6.35	124.77	15.25	15.28	1.38	21.01	14.9	47.82	15.6	306.69	35.43	3.21	48.71	
03/07/2024 07:20	19.45	6.35	124.77	15.25	15.37	1.34	20.47	14.91	47.82	15.6	306.69	35.68	3.12	47.5	
03/07/2024 07:25	19.45	6.35	124.77	15.25	15.51	1.24	19.74	14.91	47.82	15.6	306.69	35.98	2.87	45.79	
03/07/2024 07:30	19.45	6.35	124.77	15.25	15.47	1.21	19.94	14.91	47.82	15.6	306.69	35.86	2.81	46.24	
03/07/2024 07:35	19.45	6.35	124.77	15.25	15.58	1.26	20.2	14.9	47.82	15.6	306.69	36.07	2.91	46.78	
03/07/2024 07:40	19.45	6.35	124.77	15.25	15.52	1.26	20.75	14.9	47.82	15.6	306.69	35.94	2.91	48.05	
03/07/2024 07:45	19.45	6.35	124.77	15.25	15.43	1.28	21.24	14.89	47.82	15.6	306.69	35.7	2.95	49.14	
03/07/2024 07:50	19.45	6.35	124.77	15.25	15.45	1.27	21.44	14.9	47.82	15.6	306.69	35.77	2.93	49.66	
03/07/2024 07:55	19.45	6.35	124.77	15.25	15.43	1.24	21.2	14.89	47.82	15.6	306.69	35.71	2.88	49.06	
03/07/2024 08:00	19.45	6.35	124.77	15.25	15.38	1.13	20.77	14.9	47.82	15.6	306.69	35.6	2.62	48.08	
03/07/2024 08:05	19.45	6.35	124.77	15.25	15.46	1.19	20.68	14.89	47.82	15.6	306.69	35.75	2.75	47.83	
03/07/2024 08:10	19.45	6.35	124.77	15.25	15.35	1.09	20.34	14.89	47.82	15.6	306.69	35.49	2.53	47.02	
03/07/2024 08:15	19.45	6.35	124.77	15.25	15.67	1.16	20.2	14.89	47.82	15.6	306.69	36.21	2.67	46.69	
03/07/2024 08:20	19.45	6.35	124.77	15.25	15.72	1.08	20.14	14.89	47.82	15.6	306.69	36.33	2.49	46.54	
03/07/2024 08:25	19.45	6.35	124.77	15.25	15.61	1.11	20.47	14.89	47.82	15.6	306.69	36.09	2.57	47.33	
03/07/2024 08:30	19.45	6.35	124.77	15.25	15.77	1.18	20.69	14.89	47.82	15.6	306.69	36.45	2.74	47.82	
03/07/2024 08:35	19.45	6.35	124.77	15.25	15.53	1.05	20.93	14.88	47.82	15.6	306.69	35.88	2.43	48.36	
03/07/2024 08:40	19.45	6.35	124.77	15.25	15.74	1.2	21.27	14.89	47.82	15.6	306.69	36.37	2.78	49.16	
03/07/2024 08:45	19.45	6.35	124.77	15.25	15.46	1.01	21.26	14.88	47.82	15.6	306.69	35.73	2.32	49.12	
03/07/2024 08:50	19.45	6.35	124.77	15.25	15.68	1.23	21.43	14.88	47.82	15.6	306.69	36.24	2.83	49.52	
03/07/2024 08:55	19.45	6.35	124.77	15.25	15.55	1.02	21.39	14.87	47.82	15.6	306.69	35.88	2.36	49.34	
03/07/2024 09:00	19.45	6.35	124.77	15.25	15.48	1.01	21.5	14.87	47.82	15.6	306.69	35.69	2.32	49.59	
03/07/2024 09:05	19.45	6.35	124.77	15.25	15.56	1.14	21.63	14.87	47.82	15.6	306.69	35.88	2.63	49.87	
03/07/2024 09:10	19.45	6.35	124.77	15.25	15.59	1.04	21.63	14.87	47.82	15.6	306.69	35.95	2.41	49.86	
03/07/2024 09:15	19.45	6.35	124.77	15.25	15.59	1.08	21.62	14.88	47.82	15.6	306.69	35.98	2.5	49.87	
03/07/2024 09:20	19.45	6.35	124.77	15.25	15.72	1.09	20.97	14.88	47.82	15.6	306.69	36.27	2.51	48.39	
03/07/2024 09:25	19.45	6.35	124.77	15.25	15.69	1	20.29	14.88	47.82	15.6	306.69	36.2	2.3	46.81	
03/07/2024 09:30	19.45	6.35	124.77	15.25	15.39	0.77	19.96	14.88	47.82	15.6	306.69	35.5	1.78	46.05	
03/07/2024 09:35	19.45	6.35	124.77	15.25	15.74	1.01	19.89	14.88	47.82	15.6	306.69	36.33	2.33	45.92	
03/07/2024 09:40	19.45	6.35	124.77	15.25	15.59	0.89	19.73	14.87	47.82	15.6	306.69	35.93	2.04	45.48	
03/07/2024 09:45	19.45	6.35	124.77	15.25	15.75	0.94	19.91	14.87	47.82	15.6	306.69	36.29	2.16	45.88	
03/07/2024 09:50	19.45	6.35	124.77	15.25	15.67	0.88	20.15	14.86	47.82	15.6	306.69	36.08	2.04	46.4	
03/07/2024 09:55	19.45	6.35	124.77	15.25	15.84	0.95	20.28	14.86	47.82	15.6	306.69	36.46	2.19	46.7	
03/07/2024 10:00	19.45	6.35	124.77	15.25	15.63	0.79	20.59	14.87	47.82	15.6	306.69	36.03	1.83	47.46	
03/07/2024 10:05	19.45	6.35	124.77	15.25	15.54	0.66	20.71	14.86	47.82	15.6	306.69	35.77	1.51	47.7	
03/07/2024 10:10	19.45	6.35	124.77	15.25	15.76	0.85	20.64	14.85	47.82	15.6	306.69	36.23	1.96	47.45	
03/07/2024 10:15	19.45	6.35	124.77	15.25	15.45	0.59	20.85	14.84	47.82	15.6	306.69	35.43	1.35	47.81	
03/07/2024 10:20	19.45	6.35	124.77	15.25	15.7	0.74	20.92	14.83	47.82	15.6	306.69	35.97	1.7	47.93	
03/07/2024 10:25	19.45	6.35	124.77	15.25	15.79	0.86	21.11	14.84	47.82	15.6	306.69	36.2	1.98	48.4	
03/07/2024 10:30	19.45	6.35	124.77	15.25	15.37	0.41	21.05	14.82	47.82	15.6	306.69	35.16	0.94	48.15	
03/07/2024 10:35	19.45	6.35	124.77	15.25	15.59	0.71	21.11	14.82	47.82	15.6	306.69	35.64	1.62	48.25	
03/07/2024 10:40	19.45	6.35	124.77	15.25	15.8	0.7	20.8	14.82	47.82	15.6	306.69	36.15	1.6	47.57	
03/07/2024 10:45	19.45	6.35	124.77	15.25	15.49	0.38	20.85	14.82	47.82	15.6	306.69	35.4	0.87	47.62	
03/07/2024 10:50	19.45	6.35	124.77	15.25	15.83	0.69	20.94	14.81	47.82	15.6	306.69	36.15	1.57	47.82	
03/07/2024 10:55	19.45	6.35	124.77	15.25	15.88	0.62	20.72	14.81	47.82	15.6	306.69	36.27	1.41	47.33	
03/07/2024 11:00	19.45	6.35	124.77	15.25	15.26	0.32	20.79	14.8	47.82	15.6	306.69	34.78	0.73	47.39	
03/07/2024 11:05	19.45	6.35	124.77	15.2											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/07/2024 12:40	19.45	6.35	124.77	15.25	15.81	0.52	20.21	14.81	47.82	15.6	306.69	36.1	1.18	46.16	
03/07/2024 12:45	19.45	6.35	124.77	15.25	15.78	0.42	20.89	14.82	47.82	15.6	306.69	36.06	0.95	47.73	
03/07/2024 12:50	19.45	6.35	124.77	15.25	15.18	0.03	20.82	14.8	47.82	15.6	306.69	34.6	0.07	47.45	
03/07/2024 12:55	19.45	6.35	124.77	15.25	15.27	0.17	20.62	14.79	47.82	15.6	306.69	34.75	0.39	46.92	
03/07/2024 13:00	19.45	6.35	124.77	15.25	15.73	0.39	20.7	14.8	47.82	15.6	306.69	35.82	0.89	47.14	
03/07/2024 13:05	19.45	6.35	124.77	15.25	15.72	0.41	21.38	14.8	47.82	15.6	306.69	35.82	0.93	48.71	
03/07/2024 13:10	19.45	6.35	124.77	15.25	15.68	0.4	21.69	14.81	47.82	15.6	306.69	35.76	0.92	49.47	
03/07/2024 13:15	19.45	6.35	124.77	15.25	15.77	0.43	21.48	14.81	47.82	15.6	306.69	36.03	0.97	49.06	
03/07/2024 13:20	19.45	6.35	124.77	15.25	15.37	0.05	20.63	14.81	47.82	15.6	306.69	35.06	0.11	47.06	
03/07/2024 13:25	19.45	6.35	124.77	15.25	15.31	0.04	21.45	14.79	47.82	15.6	306.69	34.8	0.1	48.76	
03/07/2024 13:30	19.45	6.35	124.77	15.25	15.54	0.22	21.33	14.78	47.82	15.6	306.69	35.31	0.49	48.48	
03/07/2024 13:35	19.45	6.35	124.77	15.25	15.53	0.23	22.07	14.78	47.82	15.6	306.69	35.29	0.52	50.15	
03/07/2024 13:40	19.45	6.35	124.77	15.25	15.07	0	21.29	14.78	47.82	15.6	306.69	34.23	0	48.36	
03/07/2024 13:45	19.45	6.35	124.77	15.25	15.41	0.11	20.93	14.78	47.82	15.6	306.69	35.01	0.25	47.56	
03/07/2024 13:50	19.45	6.35	124.77	15.25	15.49	0.19	21.06	14.79	47.82	15.6	306.69	35.22	0.44	47.9	
03/07/2024 13:55	19.45	6.35	124.77	15.25	15.11	0	20.5	14.78	47.82	15.6	306.69	34.34	0.01	46.58	
03/07/2024 14:00	19.45	6.35	124.77	15.25	15.4	0.2	20.63	14.78	47.82	15.6	306.69	35.01	0.46	46.89	
03/07/2024 14:05	19.45	6.35	124.77	15.25	15.13	0.06	21.16	14.78	47.82	15.6	306.69	34.36	0.14	48.06	
03/07/2024 14:10	19.45	6.35	124.77	15.25	15.25	0.2	21.03	14.78	47.82	15.6	306.69	34.63	0.46	47.77	
03/07/2024 14:15	19.45	6.35	124.77	15.25	15.49	0.37	20.94	14.79	47.82	15.6	306.69	35.23	0.85	47.64	
03/07/2024 14:20	19.45	6.35	124.77	15.25	15.67	0.37	20.32	14.8	47.82	15.6	306.69	35.68	0.84	46.28	
03/07/2024 14:25	19.45	6.35	124.77	15.25	15.85	0.42	20.44	14.8	47.82	15.6	306.69	36.14	0.97	46.61	
03/07/2024 14:30	19.45	6.35	124.77	15.25	15.79	0.4	21.11	14.81	47.82	15.6	306.69	36.05	0.92	48.19	
03/07/2024 14:35	19.45	6.35	124.77	15.25	15.65	0.34	21.21	14.82	47.82	15.6	306.69	35.77	0.78	48.47	
03/07/2024 14:40	19.45	6.35	124.77	15.25	15.59	0.24	20.96	14.82	47.82	15.6	306.69	35.64	0.56	47.91	
03/07/2024 14:45	19.45	6.35	124.77	15.25	15.38	0.1	21.3	14.82	47.82	15.6	306.69	35.15	0.23	48.66	
03/07/2024 14:50	19.45	6.35	124.77	15.25	14.91	0	21.93	14.8	47.82	15.6	306.69	33.98	0	49.99	
03/07/2024 14:55	19.45	6.35	124.77	15.25	15.28	0.08	21.8	14.8	47.82	15.6	306.69	34.79	0.18	49.63	
03/07/2024 15:00	19.45	6.35	124.77	15.25	15.22	0.13	22.18	14.79	47.82	15.6	306.69	34.63	0.29	50.49	
03/07/2024 15:05	19.45	6.35	124.77	15.25	14.89	0	22.3	14.78	47.82	15.6	306.69	33.84	0	50.67	
03/07/2024 15:10	19.45	6.35	124.77	15.25	15.18	0.15	22.21	14.79	47.82	15.6	306.69	34.5	0.34	50.49	
03/07/2024 15:15	19.45	6.35	124.77	15.25	15.51	0.29	22.2	14.79	47.82	15.6	306.69	35.27	0.65	50.5	
03/07/2024 15:20	19.45	6.35	124.77	15.25	15.11	0.01	22.07	14.79	47.82	15.6	306.69	34.35	0.03	50.17	
03/07/2024 15:25	19.45	6.35	124.77	15.25	15.42	0.22	22.33	14.79	47.82	15.6	306.69	35.06	0.5	50.79	
03/07/2024 15:30	19.45	6.35	124.77	15.25	15.18	0.08	22.54	14.79	47.82	15.6	306.69	34.51	0.19	51.25	
03/07/2024 15:35	19.45	6.35	124.77	15.25	15.22	0.23	22.32	14.78	47.82	15.6	306.69	34.59	0.51	50.71	
03/07/2024 15:40	19.45	6.35	124.77	15.25	15.35	0.2	21.9	14.78	47.82	15.6	306.69	34.89	0.45	49.76	
03/07/2024 15:45	19.45	6.35	124.77	15.25	15.23	0.16	21.24	14.78	47.82	15.6	306.69	34.6	0.37	48.25	
03/07/2024 15:50	19.45	6.35	124.77	15.25	15.61	0.36	21.56	14.79	47.82	15.6	306.69	35.52	0.82	49.06	
03/07/2024 15:55	19.45	6.35	124.77	15.25	15.43	0.24	21.31	14.79	47.82	15.6	306.69	35.09	0.54	48.45	
03/07/2024 16:00	19.45	6.35	124.77	15.25	15.64	0.45	20.89	14.79	47.82	15.6	306.69	35.57	1.03	47.52	
03/07/2024 16:05	19.45	6.35	124.77	15.25	15.45	0.19	20.58	14.79	47.82	15.6	306.69	35.18	0.42	46.84	
03/07/2024 16:10	19.45	6.35	124.77	15.25	15.72	0.37	20.16	14.8	47.82	15.6	306.69	35.83	0.85	45.95	
03/07/2024 16:15	19.45	6.35	124.77	15.25	15.54	0.24	20.16	14.8	47.82	15.6	306.69	35.42	0.56	45.95	
03/07/2024 16:20	19.45	6.35	124.77	15.25	15.66	0.36	20.06	14.8	47.82	15.6	306.69	35.69	0.81	45.71	
03/07/2024 16:25	19.45	6.35	124.77	15.25	15.43	0.22	20.06	14.8	47.82	15.6	306.69	35.16	0.49	45.73	
03/07/2024 16:30	19.45	6.35	124.77	15.25	15.67	0.39	20.12	14.81	47.82	15.6	306.69	35.74	0.89	45.89	
03/07/2024 16:35	19.45	6.35	124.77	15.25	15.57	0.25	19.96	14.8	47.82	15.6	306.69	35.5	0.58	45.5	
03/07/2024 16:40	19.45	6.35	124.77	15.25	15.56	0.4	20.64	14.81	47.82	15.6	306.69	35.5	0.91	47.07	
03/07/2024 16:45	19.45	6.35	124.77	15.25	15.64	0.44	20.73	14.81	47.82	15.6	306.69	35.68	1	47.31	
03/07/2024 16:50	19.45	6.35	124.77	15.25	15.53	0.51	21.07	14.81	47.82	15.6	306.69	35.44	1.15	48.06	
03/07/2024 16:55	19.45	6.35	124.77	15.25	15.43	0.34	21.42	14.81	47.82	15.6	306.69	35.23	0.77	48.9	
03/07/2024 17:00	19.45	6.35	124.77	15.25	15.54	0.53	21.9	14.81	47.82	15.6	306.69	35.49	1.21	50.02	
03/07/2024 17:05	19.45	6.35	124.77	15.25	15.58	0.61	22.04	14.81	47.82	15.6	306.69	35.58	1.39	50.34	
03/07/2024 17:10	19.45	6.35	124.77	15.25	15.61	0.7	22.33	14.82	47.82	15.6	306.69	35.67	1.6	51.01	
03/07/2024 17:15	19.45	6.35	124.77	15.25	15.47	0.44	22.05	14.82	47.82	15.6	306.69	35.35	1.01	50.4	
03/07/2024 17:20	19.45	6.35	124.77	15.25	15.63	0.63	22.07	14.82	47.82	15.6	306.69	35.72	1.45	50.46	
03/07/2024 17:25	19.45	6.35	124.77	15.25	15.56	0.6	22.09	14.82	47.82	15.6	306.69	35.6	1.38	50.53	
03/07/2024 17:30	19.45	6.35	124.77	15.25	15.85	0.87	21.93	14.83	47.82	15.6	306.69	36.27	1.99	50.2	
03/07/2024 17:35	19.45	6.35	124.77	15.25	15.49	0.42	21.66	14.82	47.82	15.6	306.69	35.41	0.97	49.53	
03/07/2024 17:40	19.45	6.35	124.77	15.25	15.69	0.71	21.47	14.82	47.82	15.6	306.69	35.87	1.63	49.09	
03/07/2024 17:45	19.45	6.35	124.77	15.25	15.7	0.8	21.67	14.82	47.82	15.6	306.69	35.9	1.83	49.54	
03/07/2024 17:50	19.45	6.35	124.77	15.25	15.72	0.78	21.44	14.83	47.82	15.6	306.69	35.98	1.79	49.06	
03/07/2024 17:55	19.45	6.35	124.77	15.25	15.75	0.8	21.32	14.83	47.82	15.6	306.69	36.07	1.83	48.83	
03/07/2024 18:00	19.45	6.35	124.77	15.25	15.71	0.81	21.26	14.84	47.82	15.6	306.69	36.03	1.86	48.76	
03/07/2024 18:05	19.45	6.35	124.77	15.25	15.61	0.64	21.36	14.83	47.82	15.6	306.69	35.78	1.47	48.94	
03/07/2024 18:10	19.45	6.35	124.77	15.25	15.62	0.72	21.44	14.83	47.82	15.6	306.69	35.78	1.65	49.11	
03/07/2024 18:15	19.45	6.35	124.77	15.25	15.57	0.81	21.67	14.83	47.82	15.6	306.69	35.67	1.85	49.64	
03/07/2024 18:20	19.45	6.35	124.77	15.25	15.5	0.59	21.55	14.83	47.82	15.6	306.69	35.49	1.36	49.36	
03/07/2024 18:25	19.45	6.35	124.77	15.25	15.7	0.84	21.57	14.84	47.82	15.6	306.69	36	1.92	49.45	
03/07/2024 18:30	19.45	6.35	124.77	15.25	15.56	0.75	21.73	14.83	47.82	15.6	306.69	35.64	1.72	49.79	
03/07/2024 18:35	19.45	6.35	124.77	15.25	15.57	0.72	21.92	14.83	47.82	15.6	306.69	35.69	1.64	50.24	
03/07/2024 18:40	19.45	6.35	124.77	15.25	15.69	0									



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/07/2024 20:15	19.45	6.35	124.77	15.25	15.61	1.01	22.54	14.85	47.82	15.6	306.69	35.89	2.32	51.82	
03/07/2024 20:20	19.45	6.35	124.77	15.25	15.3	0.79	22.52	14.85	47.82	15.6	306.69	35.16	1.81	51.77	
03/07/2024 20:25	19.45	6.35	124.77	15.25	15.52	0.97	22.81	14.85	47.82	15.6	306.69	35.66	2.23	52.42	
03/07/2024 20:30	19.45	6.35	124.77	15.25	15.42	0.96	22.36	14.85	47.82	15.6	306.69	35.44	2.2	51.4	
03/07/2024 20:35	19.45	6.35	124.77	15.25	15.55	1.03	22.14	14.85	47.82	15.6	306.69	35.75	2.38	50.9	
03/07/2024 20:40	19.45	6.35	124.77	15.25	15.29	0.86	21.78	14.85	47.82	15.6	306.69	35.16	1.97	50.07	
03/07/2024 20:45	19.45	6.35	124.77	15.25	15.58	0.98	21.74	14.86	47.82	15.6	306.69	35.85	2.26	50.02	
03/07/2024 20:50	19.45	6.35	124.77	15.25	15.42	1.01	21.69	14.86	47.82	15.6	306.69	35.48	2.33	49.89	
03/07/2024 20:55	19.45	6.35	124.77	15.25	15.4	0.9	21.55	14.85	47.82	15.6	306.69	35.4	2.07	49.54	
03/07/2024 21:00	19.45	6.35	124.77	15.25	15.6	1.07	21.56	14.86	47.82	15.6	306.69	35.88	2.45	49.58	
03/07/2024 21:05	19.45	6.35	124.77	15.25	15.41	0.92	21.46	14.86	47.82	15.6	306.69	35.45	2.11	49.36	
03/07/2024 21:10	19.45	6.35	124.77	15.25	15.44	0.92	21.65	14.86	47.82	15.6	306.69	35.52	2.12	49.79	
03/07/2024 21:15	19.45	6.35	124.77	15.25	15.51	1.02	21.43	14.86	47.82	15.6	306.69	35.69	2.35	49.31	
03/07/2024 21:20	19.45	6.35	124.77	15.25	15.43	0.89	21.29	14.86	47.82	15.6	306.69	35.51	2.06	48.97	
03/07/2024 21:25	19.45	6.35	124.77	15.25	15.66	1.13	21.79	14.86	47.82	15.6	306.69	36.04	2.59	50.13	
03/07/2024 21:30	19.45	6.35	124.77	15.25	15.4	0.89	21.92	14.86	47.82	15.6	306.69	35.44	2.05	50.42	
03/07/2024 21:35	19.45	6.35	124.77	15.25	15.69	1.18	22.13	14.86	47.82	15.6	306.69	36.11	2.71	50.93	
03/07/2024 21:40	19.45	6.35	124.77	15.25	15.62	1.13	22.18	14.86	47.82	15.6	306.69	35.94	2.6	51.04	
03/07/2024 21:45	19.45	6.35	124.77	15.25	15.47	0.98	22.49	14.86	47.82	15.6	306.69	35.61	2.26	51.77	
03/07/2024 21:50	19.45	6.35	124.77	15.25	15.55	1.14	22.38	14.86	47.82	15.6	306.69	35.77	2.63	51.48	
03/07/2024 21:55	19.45	6.35	124.77	15.25	15.37	1.07	22.73	14.86	47.82	15.6	306.69	35.34	2.46	52.27	
03/07/2024 22:00	19.45	6.35	124.77	15.25	15.6	1.22	22.75	14.86	47.82	15.6	306.69	35.9	2.81	52.35	
03/07/2024 22:05	19.45	6.35	124.77	15.25	15.53	1.11	22.22	14.86	47.82	15.6	306.69	35.74	2.55	51.13	
03/07/2024 22:10	19.45	6.35	124.77	15.25	15.67	1.2	21.75	14.86	47.82	15.6	306.69	36.06	2.76	50.06	
03/07/2024 22:15	19.45	6.35	124.77	15.25	15.61	1.09	21.47	14.86	47.82	15.6	306.69	35.91	2.51	49.41	
03/07/2024 22:20	19.45	6.35	124.77	15.25	15.56	1.08	21.37	14.86	47.82	15.6	306.69	35.8	2.48	49.18	
03/07/2024 22:25	19.45	6.35	124.77	15.25	15.6	1.14	21.46	14.86	47.82	15.6	306.69	35.9	2.61	49.37	
03/07/2024 22:30	19.45	6.35	124.77	15.25	15.41	1.03	21.06	14.86	47.82	15.6	306.69	35.47	2.38	48.47	
03/07/2024 22:35	19.45	6.35	124.77	15.25	15.54	1.12	20.89	14.86	47.82	15.6	306.69	35.79	2.57	48.1	
03/07/2024 22:40	19.45	6.35	124.77	15.25	15.49	1.03	21.03	14.87	47.82	15.6	306.69	35.69	2.37	48.45	
03/07/2024 22:45	19.45	6.35	124.77	15.25	15.63	1.09	20.99	14.87	47.82	15.6	306.69	36.02	2.52	48.38	
03/07/2024 22:50	19.45	6.35	124.77	15.25	15.53	1.08	21.12	14.87	47.82	15.6	306.69	35.79	2.49	48.67	
03/07/2024 22:55	19.45	6.35	124.77	15.25	15.56	1.11	21.42	14.87	47.82	15.6	306.69	35.85	2.56	49.35	
03/07/2024 23:00	19.45	6.35	124.77	15.25	15.5	1.12	21.47	14.86	47.82	15.6	306.69	35.69	2.59	49.42	
03/07/2024 23:05	19.45	6.35	124.77	15.25	15.46	1.01	21.43	14.86	47.82	15.6	306.69	35.6	2.31	49.33	
03/07/2024 23:10	19.45	6.35	124.77	15.25	15.63	1.21	21.76	14.87	47.82	15.6	306.69	36.01	2.79	50.14	
03/07/2024 23:15	19.45	6.35	124.77	15.25	15.46	1.13	21.87	14.86	47.82	15.6	306.69	35.59	2.61	50.35	
03/07/2024 23:20	19.45	6.35	124.77	15.25	15.27	1.06	22.09	14.86	47.82	15.6	306.69	35.16	2.45	50.85	
03/07/2024 23:25	19.45	6.35	124.77	15.25	15.36	1.11	21.9	14.86	47.82	15.6	306.69	35.35	2.55	50.38	
03/07/2024 23:30	19.45	6.35	124.77	15.25	15.56	1.17	22.1	14.86	47.82	15.6	306.69	35.82	2.69	50.9	
03/07/2024 23:35	19.45	6.35	124.77	15.25	15.48	1.21	22.2	14.86	47.82	15.6	306.69	35.65	2.79	51.13	
03/07/2024 23:40	19.45	6.35	124.77	15.25	15.43	1.14	22.13	14.87	47.82	15.6	306.69	35.55	2.62	50.99	
03/07/2024 23:45	19.45	6.35	124.77	15.25	15.55	1.23	21.86	14.87	47.82	15.6	306.69	35.83	2.83	50.37	
03/07/2024 23:50	19.45	6.35	124.77	15.25	15.6	1.19	21.97	14.87	47.82	15.6	306.69	35.94	2.74	50.6	
03/07/2024 23:55	19.45	6.35	124.77	15.25	15.6	1.2	22.33	14.87	47.82	15.6	306.69	35.95	2.76	51.46	
04/07/2024 00:00	19.45	6.35	124.77	15.25	15.53	1.27	22.16	14.87	47.82	15.6	306.69	35.77	2.93	51.03	
04/07/2024 00:05	19.45	6.35	124.77	15.25	15.53	1.16	22.22	14.87	47.82	15.6	306.69	35.76	2.67	51.18	
04/07/2024 00:10	19.45	6.35	124.77	15.25	15.53	1.28	22.46	14.87	47.82	15.6	306.69	35.77	2.95	51.73	
04/07/2024 00:15	19.45	6.35	124.77	15.25	15.43	1.2	22.29	14.86	47.82	15.6	306.69	35.54	2.76	51.33	
04/07/2024 00:20	19.45	6.35	124.77	15.25	15.56	1.33	22.58	14.86	47.82	15.6	306.69	35.83	3.06	51.98	
04/07/2024 00:25	19.45	6.35	124.77	15.25	15.21	1.07	22.71	14.86	47.82	15.6	306.69	34.98	2.45	52.25	
04/07/2024 00:30	19.45	6.35	124.77	15.25	15.58	1.21	22.61	14.86	47.82	15.6	306.69	35.87	2.79	52.05	
04/07/2024 00:35	19.45	6.35	124.77	15.25	15.65	1.26	22.28	14.86	47.82	15.6	306.69	36.01	2.91	51.27	
04/07/2024 00:40	19.45	6.35	124.77	15.25	15.53	1.27	22.31	14.86	47.82	15.6	306.69	35.75	2.93	51.35	
04/07/2024 00:45	19.45	6.35	124.77	15.25	15.59	1.28	22.31	14.86	47.82	15.6	306.69	35.87	2.94	51.35	
04/07/2024 00:50	19.45	6.35	124.77	15.25	15.4	1.31	22.43	14.86	47.82	15.6	306.69	35.47	3.02	51.67	
04/07/2024 00:55	19.45	6.35	124.77	15.25	15.35	1.31	21.96	14.87	47.82	15.6	306.69	35.35	3.01	50.59	
04/07/2024 01:00	19.45	6.35	124.77	15.25	15.39	1.34	21.92	14.87	47.82	15.6	306.69	35.46	3.08	50.5	
04/07/2024 01:05	19.45	6.35	124.77	15.25	15.46	1.35	21.92	14.87	47.82	15.6	306.69	35.62	3.11	50.5	
04/07/2024 01:10	19.45	6.35	124.77	15.25	15.59	1.4	21.8	14.87	47.82	15.6	306.69	35.91	3.23	50.23	
04/07/2024 01:15	19.45	6.35	124.77	15.25	15.8	1.38	21.77	14.87	47.82	15.6	306.69	36.4	3.18	50.16	
04/07/2024 01:20	19.45	6.35	124.77	15.25	15.73	1.5	21.18	14.87	47.82	15.6	306.69	36.26	3.46	48.82	
04/07/2024 01:25	19.45	6.35	124.77	15.25	15.6	1.45	20.85	14.87	47.82	15.6	306.69	35.93	3.35	48.03	
04/07/2024 01:30	19.45	6.35	124.77	15.25	15.7	1.54	20.75	14.87	47.82	15.6	306.69	36.2	3.54	47.85	
04/07/2024 01:35	19.45	6.35	124.77	15.25	15.81	1.48	21.02	14.88	47.82	15.6	306.69	36.49	3.42	48.51	
04/07/2024 01:40	19.45	6.35	124.77	15.25	15.73	1.61	20.56	14.88	47.82	15.6	306.69	36.31	3.71	47.46	
04/07/2024 01:45	19.45	6.35	124.77	15.25	15.63	1.52	20.79	14.88	47.82	15.6	306.69	36.1	3.52	48.02	
04/07/2024 01:50	19.45	6.35	124.77	15.25	15.83	1.68	21.65	14.89	47.82	15.6	306.69	36.59	3.89	50.04	
04/07/2024 01:55	19.45	6.35	124.77	15.25	15.54	1.61	21.48	14.88	47.82	15.6	306.69	35.89	3.71	49.6	
04/07/2024 02:00	19.45	6.35	124.77	15.25	15.53	1.66	21.66	14.88	47.82	15.6	306.69	35.83	3.82	49.97	
04/07/2024 02:05	19.45	6.35	124.77	15.25	15.58	1.68	21.93	14.87	47.82	15.6	306.69	35.94	3.88	50.58	
04/07/2024 02:10	19.45	6.35	124.77	15.25	15.54	1.66	21.58	14.87	47.82	15.6	306.69	35.85	3.82	49.79	
04/07/2024 02:15	19.45	6													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/07/2024 03:50	19.45	6.35	124.77	15.25	15.62	1.86	21.1	14.89	47.82	15.6	306.69	36.14	4.29	48.8	
04/07/2024 03:55	19.45	6.35	124.77	15.25	15.8	1.97	22.11	14.89	47.82	15.6	306.69	36.55	4.56	51.16	
04/07/2024 04:00	19.45	6.35	124.77	15.25	15.69	1.9	22.17	14.9	47.82	15.6	306.69	36.33	4.41	51.34	
04/07/2024 04:05	19.45	6.35	124.77	15.25	15.47	1.96	21.75	14.89	47.82	15.6	306.69	35.77	4.53	50.31	
04/07/2024 04:10	19.45	6.35	124.77	15.25	15.54	1.93	22.12	14.88	47.82	15.6	306.69	35.91	4.45	51.11	
04/07/2024 04:15	19.45	6.35	124.77	15.25	15.45	1.94	21.75	14.89	47.82	15.6	306.69	35.69	4.47	50.26	
04/07/2024 04:20	19.45	6.35	124.77	15.25	15.41	1.94	21.63	14.89	47.82	15.6	306.69	35.61	4.48	50	
04/07/2024 04:25	19.45	6.35	124.77	15.25	15.59	1.88	21.69	14.89	47.82	15.6	306.69	36.06	4.36	50.15	
04/07/2024 04:30	19.45	6.35	124.77	15.25	15.65	1.95	21.17	14.89	47.82	15.6	306.69	36.18	4.5	48.96	
04/07/2024 04:35	19.45	6.35	124.77	15.25	15.36	1.85	20.99	14.89	47.82	15.6	306.69	35.53	4.28	48.56	
04/07/2024 04:40	19.45	6.35	124.77	15.25	15.71	1.96	21.51	14.89	47.82	15.6	306.69	36.33	4.52	49.74	
04/07/2024 04:45	19.45	6.35	124.77	15.25	15.33	1.86	21.2	14.89	47.82	15.6	306.69	35.48	4.3	49.06	
04/07/2024 04:50	19.45	6.35	124.77	15.25	15.45	1.93	21.11	14.9	47.82	15.6	306.69	35.78	4.48	48.89	
04/07/2024 04:55	19.45	6.35	124.77	15.25	15.6	1.85	21.22	14.9	47.82	15.6	306.69	36.11	4.29	49.12	
04/07/2024 05:00	19.45	6.35	124.77	15.25	15.44	1.9	20.66	14.89	47.82	15.6	306.69	35.71	4.39	47.78	
04/07/2024 05:05	19.45	6.35	124.77	15.25	15.43	1.85	20.23	14.89	47.82	15.6	306.69	35.68	4.27	46.79	
04/07/2024 05:10	19.45	6.35	124.77	15.25	15.45	1.88	20.93	14.89	47.82	15.6	306.69	35.75	4.34	48.4	
04/07/2024 05:15	19.45	6.35	124.77	15.25	15.55	1.88	20.76	14.89	47.82	15.6	306.69	35.97	4.35	48.02	
04/07/2024 05:20	19.45	6.35	124.77	15.25	15.48	1.85	20.31	14.9	47.82	15.6	306.69	35.82	4.29	47.02	
04/07/2024 05:25	19.45	6.35	124.77	15.25	15.54	1.86	20.44	14.9	47.82	15.6	306.69	35.99	4.3	47.32	
04/07/2024 05:30	19.45	6.35	124.77	15.25	15.57	1.82	20.8	14.89	47.82	15.6	306.69	36.04	4.22	48.15	
04/07/2024 05:35	19.45	6.35	124.77	15.25	15.54	1.88	20.5	14.89	47.82	15.6	306.69	35.96	4.36	47.43	
04/07/2024 05:40	19.45	6.35	124.77	15.25	15.35	1.81	20.47	14.89	47.82	15.6	306.69	35.52	4.2	47.37	
04/07/2024 05:45	19.45	6.35	124.77	15.25	15.55	1.91	20.6	14.89	47.82	15.6	306.69	35.98	4.42	47.67	
04/07/2024 05:50	19.45	6.35	124.77	15.25	15.59	1.85	20.86	14.89	47.82	15.6	306.69	36.08	4.27	48.26	
04/07/2024 05:55	19.45	6.35	124.77	15.25	15.38	1.9	20.72	14.9	47.82	15.6	306.69	35.6	4.4	47.97	
04/07/2024 06:00	19.45	6.35	124.77	15.25	15.4	1.81	20.58	14.89	47.82	15.6	306.69	35.65	4.19	47.62	
04/07/2024 06:05	19.45	6.35	124.77	15.25	15.52	1.92	20.92	14.9	47.82	15.6	306.69	35.92	4.44	48.44	
04/07/2024 06:10	19.45	6.35	124.77	15.25	15.47	1.84	21.09	14.9	47.82	15.6	306.69	35.81	4.25	48.83	
04/07/2024 06:15	19.45	6.35	124.77	15.25	15.29	1.89	21.24	14.9	47.82	15.6	306.69	35.41	4.37	49.18	
04/07/2024 06:20	19.45	6.35	124.77	15.25	15.25	1.82	21.21	14.89	47.82	15.6	306.69	35.29	4.22	49.08	
04/07/2024 06:25	19.45	6.35	124.77	15.25	15.52	1.87	21.43	14.9	47.82	15.6	306.69	35.93	4.33	49.61	
04/07/2024 06:30	19.45	6.35	124.77	15.25	15.55	1.86	21.61	14.9	47.82	15.6	306.69	36.02	4.32	50.06	
04/07/2024 06:35	19.45	6.35	124.77	15.25	15.34	1.81	21.39	14.9	47.82	15.6	306.69	35.56	4.19	49.58	
04/07/2024 06:40	19.45	6.35	124.77	15.25	15.35	1.8	20.73	14.9	47.82	15.6	306.69	35.58	4.18	48.05	
04/07/2024 06:45	19.45	6.35	124.77	15.25	15.38	1.73	20.87	14.9	47.82	15.6	306.69	35.64	4.01	48.35	
04/07/2024 06:50	19.45	6.35	124.77	15.25	15.58	1.82	21.11	14.9	47.82	15.6	306.69	36.1	4.21	48.93	
04/07/2024 06:55	19.45	6.35	124.77	15.25	15.57	1.7	20.97	14.9	47.82	15.6	306.69	36.1	3.95	48.62	
04/07/2024 07:00	19.45	6.35	124.77	15.25	15.41	1.8	20.67	14.91	47.82	15.6	306.69	35.74	4.17	47.94	
04/07/2024 07:05	19.45	6.35	124.77	15.25	15.35	1.67	20.61	14.91	47.82	15.6	306.69	35.61	3.88	47.82	
04/07/2024 07:10	19.45	6.35	124.77	15.25	15.46	1.75	20.66	14.91	47.82	15.6	306.69	35.87	4.06	47.92	
04/07/2024 07:15	19.45	6.35	124.77	15.25	15.52	1.64	20.16	14.91	47.82	15.6	306.69	35.99	3.81	46.75	
04/07/2024 07:20	19.45	6.35	124.77	15.25	15.64	1.65	20.49	14.9	47.82	15.6	306.69	36.23	3.82	47.47	
04/07/2024 07:25	19.45	6.35	124.77	15.25	15.59	1.63	20.51	14.9	47.82	15.6	306.69	36.12	3.78	47.51	
04/07/2024 07:30	19.45	6.35	124.77	15.25	15.42	1.54	19.99	14.9	47.82	15.6	306.69	35.71	3.57	46.31	
04/07/2024 07:35	19.45	6.35	124.77	15.25	15.61	1.68	19.95	14.9	47.82	15.6	306.69	36.17	3.88	46.23	
04/07/2024 07:40	19.45	6.35	124.77	15.25	15.53	1.5	19.5	14.9	47.82	15.6	306.69	35.98	3.47	45.16	
04/07/2024 07:45	19.45	6.35	124.77	15.25	15.66	1.61	19.4	14.9	47.82	15.6	306.69	36.27	3.72	44.94	
04/07/2024 07:50	19.45	6.35	124.77	15.25	15.56	1.5	19.63	14.89	47.82	15.6	306.69	36	3.47	45.44	
04/07/2024 07:55	19.45	6.35	124.77	15.25	15.59	1.56	19.6	14.89	47.82	15.6	306.69	36.04	3.61	45.3	
04/07/2024 08:00	19.45	6.35	124.77	15.25	15.7	1.51	19.35	14.89	47.82	15.6	306.69	36.28	3.48	44.73	
04/07/2024 08:05	19.45	6.35	124.77	15.25	15.79	1.53	19.47	14.89	47.82	15.6	306.69	36.51	3.54	45.03	
04/07/2024 08:10	19.45	6.35	124.77	15.25	15.61	1.36	19.45	14.89	47.82	15.6	306.69	36.07	3.15	44.95	
04/07/2024 08:15	19.45	6.35	124.77	15.25	15.56	1.42	19.62	14.88	47.82	15.6	306.69	35.94	3.28	45.33	
04/07/2024 08:20	19.45	6.35	124.77	15.25	15.66	1.51	19.58	14.89	47.82	15.6	306.69	36.2	3.5	45.26	
04/07/2024 08:25	19.45	6.35	124.77	15.25	15.63	1.4	19.35	14.89	47.82	15.6	306.69	36.12	3.24	44.73	
04/07/2024 08:30	19.45	6.35	124.77	15.25	15.62	1.47	19.26	14.89	47.82	15.6	306.69	36.12	3.39	44.53	
04/07/2024 08:35	19.45	6.35	124.77	15.25	15.74	1.4	19.25	14.89	47.82	15.6	306.69	36.36	3.23	44.49	
04/07/2024 08:40	19.45	6.35	124.77	15.25	15.73	1.37	19.1	14.88	47.82	15.6	306.69	36.32	3.16	44.1	
04/07/2024 08:45	19.45	6.35	124.77	15.25	15.74	1.29	18.74	14.88	47.82	15.6	306.69	36.32	2.97	43.25	
04/07/2024 08:50	19.45	6.35	124.77	15.25	15.63	1.29	18.8	14.87	47.82	15.6	306.69	36.06	2.98	43.37	
04/07/2024 08:55	19.45	6.35	124.77	15.25	15.77	1.27	18.66	14.87	47.82	15.6	306.69	36.36	2.92	43.04	
04/07/2024 09:00	19.45	6.35	124.77	15.25	15.67	1.22	18.37	14.87	47.82	15.6	306.69	36.12	2.81	42.35	
04/07/2024 09:05	19.45	6.35	124.77	15.25	15.93	1.33	18.15	14.87	47.82	15.6	306.69	36.73	3.06	41.84	
04/07/2024 09:10	19.45	6.35	124.77	15.25	15.69	1.1	17.99	14.87	47.82	15.6	306.69	36.14	2.53	41.46	
04/07/2024 09:15	19.45	6.35	124.77	15.25	15.81	1.26	18.03	14.87	47.82	15.6	306.69	36.45	2.91	41.55	
04/07/2024 09:20	19.45	6.35	124.77	15.25	15.77	1.18	17.98	14.87	47.82	15.6	306.69	36.34	2.72	41.42	
04/07/2024 09:25	19.45	6.35	124.77	15.25	15.92	1.27	18.12	14.86	47.82	15.6	306.69	36.64	2.93	41.72	
04/07/2024 09:30	19.45	6.35	124.77	15.25	15.72	1.13	17.78	14.86	47.82	15.6	306.69	36.18	2.59	40.9	
04/07/2024 09:35	19.45	6.35	124.77	15.25	15.91	1.29	17.87	14.86	47.82	15.6	306.69	36.6	2.96	41.12	
04/07/2024 09:40	19.45	6.35	124.77	15.25	15.72	1.12	17.88	14.85	47.82	15.6	306.69	36.16	2.57	41.11	
04/07/2024 09:45	19.45	6.35	124.77	15.25	15.83	1.2	17.82	14.86	47.82	15.6	306.69	36.39	2.77	40.98	
04/07/2024 09:50	19.45	6.35	124.77	15.25	15.81	1.17	1								



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/07/2024 11:25	19.45	6.35	124.77	15.25	16	0.85	17.68	14.83	47.82	15.6	306.69	36.64	1.94	40.49	
04/07/2024 11:30	19.45	6.35	124.77	15.25	15.91	0.78	17.68	14.82	47.82	15.6	306.69	36.4	1.78	40.45	
04/07/2024 11:35	19.45	6.35	124.77	15.25	15.94	0.8	17.73	14.82	47.82	15.6	306.69	36.44	1.83	40.52	
04/07/2024 11:40	19.45	6.35	124.77	15.25	16.03	0.83	17.36	14.82	47.82	15.6	306.69	36.63	1.89	39.67	
04/07/2024 11:45	19.45	6.35	124.77	15.25	15.72	0.8	17.18	14.82	47.82	15.6	306.69	35.91	1.82	39.23	
04/07/2024 11:50	19.45	6.35	124.77	15.25	15.87	0.98	17.74	14.82	47.82	15.6	306.69	36.26	2.23	40.55	
04/07/2024 11:55	19.45	6.35	124.77	15.25	16.03	0.94	17.98	14.82	47.82	15.6	306.69	36.64	2.14	41.12	
04/07/2024 12:00	19.45	6.35	124.77	15.25	16.07	1.11	18.18	14.83	47.82	15.6	306.69	36.8	2.53	41.62	
04/07/2024 12:05	19.45	6.35	124.77	15.25	16.01	1.05	17.79	14.83	47.82	15.6	306.69	36.68	2.41	40.77	
04/07/2024 12:10	19.45	6.35	124.77	15.25	16.11	1.2	17.64	14.84	47.82	15.6	306.69	36.93	2.75	40.46	
04/07/2024 12:15	19.45	6.35	124.77	15.25	16	1.1	17.21	14.84	47.82	15.6	306.69	36.7	2.51	39.47	
04/07/2024 12:20	19.45	6.35	124.77	15.25	16.2	1.25	17.53	14.84	47.82	15.6	306.69	37.16	2.87	40.2	
04/07/2024 12:25	19.45	6.35	124.77	15.25	16.08	1.16	17.48	14.84	47.82	15.6	306.69	36.91	2.67	40.11	
04/07/2024 12:30	19.45	6.35	124.77	15.25	16.08	1.27	17.23	14.85	47.82	15.6	306.69	36.91	2.9	39.55	
04/07/2024 12:35	19.45	6.35	124.77	15.25	16.03	1.16	17.41	14.86	47.82	15.6	306.69	36.87	2.68	40.05	
04/07/2024 12:40	19.45	6.35	124.77	15.25	16.19	1.24	17.1	14.87	47.82	15.6	306.69	37.3	2.87	39.4	
04/07/2024 12:45	19.45	6.35	124.77	15.25	16.13	1.19	17.5	14.87	47.82	15.6	306.69	37.18	2.74	40.32	
04/07/2024 12:50	19.45	6.35	124.77	15.25	16.19	1.21	17.52	14.87	47.82	15.6	306.69	37.3	2.79	40.37	
04/07/2024 12:55	19.45	6.35	124.77	15.25	16.21	1.24	17.58	14.87	47.82	15.6	306.69	37.34	2.86	40.51	
04/07/2024 13:00	19.45	6.35	124.77	15.25	16.14	1.18	17.76	14.87	47.82	15.6	306.69	37.18	2.71	40.92	
04/07/2024 13:05	19.45	6.35	124.77	15.25	16.25	1.24	17.22	14.87	47.82	15.6	306.69	37.45	2.86	39.69	
04/07/2024 13:10	19.45	6.35	124.77	15.25	15.98	1.12	17.6	14.86	47.82	15.6	306.69	36.8	2.59	40.51	
04/07/2024 13:15	19.45	6.35	124.77	15.25	16.01	1.26	18.26	14.87	47.82	15.6	306.69	36.9	2.91	42.09	
04/07/2024 13:20	19.45	6.35	124.77	15.25	15.85	1.13	17.93	14.87	47.82	15.6	306.69	36.54	2.6	41.33	
04/07/2024 13:25	19.45	6.35	124.77	15.25	16.07	1.3	18.51	14.86	47.82	15.6	306.69	37.01	2.99	42.63	
04/07/2024 13:30	19.45	6.35	124.77	15.25	15.86	1.19	19.16	14.86	47.82	15.6	306.69	36.51	2.75	44.12	
04/07/2024 13:35	19.45	6.35	124.77	15.25	16.06	1.28	18.33	14.86	47.82	15.6	306.69	36.96	2.95	42.18	
04/07/2024 13:40	19.45	6.35	124.77	15.25	15.87	1.15	18.72	14.86	47.82	15.6	306.69	36.53	2.64	43.09	
04/07/2024 13:45	19.45	6.35	124.77	15.25	16.04	1.24	19.22	14.86	47.82	15.6	306.69	36.93	2.85	44.24	
04/07/2024 13:50	19.45	6.35	124.77	15.25	15.88	1.18	19.03	14.86	47.82	15.6	306.69	36.56	2.73	43.8	
04/07/2024 13:55	19.45	6.35	124.77	15.25	15.93	1.29	19.54	14.86	47.82	15.6	306.69	36.67	2.97	44.98	
04/07/2024 14:00	19.45	6.35	124.77	15.25	15.9	1.1	17.82	14.86	47.82	15.6	306.69	36.6	2.53	41.02	
04/07/2024 14:05	19.45	6.35	124.77	15.25	16.09	1.23	18.57	14.86	47.82	15.6	306.69	37.04	2.83	42.74	
04/07/2024 14:10	19.45	6.35	124.77	15.25	16.02	1.11	18.55	14.85	47.82	15.6	306.69	36.81	2.55	42.63	
04/07/2024 14:15	19.45	6.35	124.77	15.25	16.19	1.2	18.84	14.85	47.82	15.6	306.69	37.19	2.76	43.26	
04/07/2024 14:20	19.45	6.35	124.77	15.25	15.93	1.16	18.3	14.85	47.82	15.6	306.69	36.6	2.67	42.05	
04/07/2024 14:25	19.45	6.35	124.77	15.25	15.93	1.07	18.19	14.85	47.82	15.6	306.69	36.58	2.47	41.77	
04/07/2024 14:30	19.45	6.35	124.77	15.25	16.1	1.11	17.56	14.85	47.82	15.6	306.69	37	2.55	40.34	
04/07/2024 14:35	19.45	6.35	124.77	15.25	16.06	1.11	17.42	14.85	47.82	15.6	306.69	36.92	2.56	40.03	
04/07/2024 14:40	19.45	6.35	124.77	15.25	16.05	1.04	18.35	14.85	47.82	15.6	306.69	36.9	2.39	42.17	
04/07/2024 14:45	19.45	6.35	124.77	15.25	16.05	1.12	18.74	14.85	47.82	15.6	306.69	36.89	2.58	43.07	
04/07/2024 14:50	19.45	6.35	124.77	15.25	15.87	1.03	19.37	14.85	47.82	15.6	306.69	36.46	2.37	44.49	
04/07/2024 14:55	19.45	6.35	124.77	15.25	15.93	1.01	18.39	14.85	47.82	15.6	306.69	36.58	2.32	42.22	
04/07/2024 15:00	19.45	6.35	124.77	15.25	15.81	0.91	18	14.85	47.82	15.6	306.69	36.3	2.08	41.33	
04/07/2024 15:05	19.45	6.35	124.77	15.25	16.17	1.12	17.78	14.85	47.82	15.6	306.69	37.14	2.56	40.83	
04/07/2024 15:10	19.45	6.35	124.77	15.25	15.84	0.87	18.14	14.84	47.82	15.6	306.69	36.36	2	41.64	
04/07/2024 15:15	19.45	6.35	124.77	15.25	15.96	0.92	17.79	14.84	47.82	15.6	306.69	36.6	2.11	40.79	
04/07/2024 15:20	19.45	6.35	124.77	15.25	15.87	0.8	17.81	14.84	47.82	15.6	306.69	36.4	1.83	40.86	
04/07/2024 15:25	19.45	6.35	124.77	15.25	15.99	0.99	17.43	14.84	47.82	15.6	306.69	36.66	2.27	39.95	
04/07/2024 15:30	19.45	6.35	124.77	15.25	16.01	0.84	17.11	14.83	47.82	15.6	306.69	36.67	1.92	39.19	
04/07/2024 15:35	19.45	6.35	124.77	15.25	16.13	0.92	17.25	14.83	47.82	15.6	306.69	36.95	2.12	39.53	
04/07/2024 15:40	19.45	6.35	124.77	15.25	16.04	0.85	17.23	14.83	47.82	15.6	306.69	36.72	1.94	39.46	
04/07/2024 15:45	19.45	6.35	124.77	15.25	16	0.81	16.91	14.83	47.82	15.6	306.69	36.62	1.86	38.69	
04/07/2024 15:50	19.45	6.35	124.77	15.25	16.2	0.95	16.77	14.82	47.82	15.6	306.69	37.04	2.17	38.35	
04/07/2024 15:55	19.45	6.35	124.77	15.25	16.15	0.76	16.67	14.82	47.82	15.6	306.69	36.92	1.75	38.1	
04/07/2024 16:00	19.45	6.35	124.77	15.25	16.01	0.83	16.93	14.82	47.82	15.6	306.69	36.6	1.9	38.71	
04/07/2024 16:05	19.45	6.35	124.77	15.25	16.13	0.78	16.77	14.82	47.82	15.6	306.69	36.91	1.79	38.38	
04/07/2024 16:10	19.45	6.35	124.77	15.25	16.16	0.91	16.78	14.83	47.82	15.6	306.69	36.99	2.07	38.41	
04/07/2024 16:15	19.45	6.35	124.77	15.25	16.14	0.84	16.79	14.83	47.82	15.6	306.69	36.96	1.93	38.47	
04/07/2024 16:20	19.45	6.35	124.77	15.25	16.06	0.87	16.63	14.83	47.82	15.6	306.69	36.78	2	38.09	
04/07/2024 16:25	19.45	6.35	124.77	15.25	16.18	0.92	16.87	14.83	47.82	15.6	306.69	37.06	2.11	38.65	
04/07/2024 16:30	19.45	6.35	124.77	15.25	16.06	0.88	17.23	14.83	47.82	15.6	306.69	36.76	2.01	39.45	
04/07/2024 16:35	19.45	6.35	124.77	15.25	16.05	0.94	17.18	14.83	47.82	15.6	306.69	36.72	2.14	39.32	
04/07/2024 16:40	19.45	6.35	124.77	15.25	15.89	0.84	17.33	14.83	47.82	15.6	306.69	36.37	1.91	39.65	
04/07/2024 16:45	19.45	6.35	124.77	15.25	16.12	0.93	17.2	14.83	47.82	15.6	306.69	36.88	2.14	39.35	
04/07/2024 16:50	19.45	6.35	124.77	15.25	15.99	0.92	17.43	14.83	47.82	15.6	306.69	36.61	2.1	39.92	
04/07/2024 16:55	19.45	6.35	124.77	15.25	16.03	0.98	17.63	14.83	47.82	15.6	306.69	36.71	2.25	40.37	
04/07/2024 17:00	19.45	6.35	124.77	15.25	15.93	0.96	17.69	14.83	47.82	15.6	306.69	36.46	2.19	40.49	
04/07/2024 17:05	19.45	6.35	124.77	15.25	15.97	0.96	17.89	14.83	47.82	15.6	306.69	36.57	2.2	40.95	
04/07/2024 17:10	19.45	6.35	124.77	15.25	15.88	0.88	17.64	14.83	47.82	15.6	306.69	36.35	2.01	40.39	
04/07/2024 17:15	19.45	6.35	124.77	15.25	16	0.96	17.63	14.83	47.82	15.6	306.69	36.65	2.21	40.4	
04/07/2024 17:20	19.45	6.35	124.77	15.25	16.01	1.02	17.7	14.84	47.82	15.6	306.69	36.69	2.33	40.56	
04/07/2024 17:25	19.45	6.35	124.77	15.25											



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/07/2024 19:00	19.45	6.35	124.77	15.25	15.83	1.05	17.38	14.85	47.82	15.6	306.69	36.38	2.4	39.96	
04/07/2024 19:05	19.45	6.35	124.77	15.25	15.88	1.17	17.58	14.85	47.82	15.6	306.69	36.49	2.7	40.41	
04/07/2024 19:10	19.45	6.35	124.77	15.25	15.9	1.15	17.67	14.85	47.82	15.6	306.69	36.53	2.63	40.62	
04/07/2024 19:15	19.45	6.35	124.77	15.25	15.71	1.19	17.63	14.85	47.82	15.6	306.69	36.09	2.73	40.52	
04/07/2024 19:20	19.45	6.35	124.77	15.25	15.82	1.18	17.37	14.86	47.82	15.6	306.69	36.38	2.72	39.95	
04/07/2024 19:25	19.45	6.35	124.77	15.25	15.96	1.23	17.35	14.86	47.82	15.6	306.69	36.73	2.84	39.91	
04/07/2024 19:30	19.45	6.35	124.77	15.25	15.96	1.16	17.23	14.86	47.82	15.6	306.69	36.72	2.68	39.64	
04/07/2024 19:35	19.45	6.35	124.77	15.25	15.87	1.12	17.47	14.86	47.82	15.6	306.69	36.51	2.59	40.18	
04/07/2024 19:40	19.45	6.35	124.77	15.25	15.76	1.16	17.52	14.85	47.82	15.6	306.69	36.23	2.66	40.27	
04/07/2024 19:45	19.45	6.35	124.77	15.25	15.96	1.19	17.18	14.85	47.82	15.6	306.69	36.67	2.74	39.48	
04/07/2024 19:50	19.45	6.35	124.77	15.25	16.05	1.3	16.99	14.86	47.82	15.6	306.69	36.93	2.98	39.09	
04/07/2024 19:55	19.45	6.35	124.77	15.25	16	1.18	17.1	14.86	47.82	15.6	306.69	36.82	2.72	39.36	
04/07/2024 20:00	19.45	6.35	124.77	15.25	16.01	1.31	17.29	14.86	47.82	15.6	306.69	36.83	3.01	39.79	
04/07/2024 20:05	19.45	6.35	124.77	15.25	15.97	1.27	17.25	14.85	47.82	15.6	306.69	36.72	2.91	39.66	
04/07/2024 20:10	19.45	6.35	124.77	15.25	15.76	1.15	17.43	14.85	47.82	15.6	306.69	36.24	2.64	40.06	
04/07/2024 20:15	19.45	6.35	124.77	15.25	15.86	1.19	17.34	14.86	47.82	15.6	306.69	36.49	2.73	39.89	
04/07/2024 20:20	19.45	6.35	124.77	15.25	15.77	1.22	18.07	14.86	47.82	15.6	306.69	36.3	2.82	41.57	
04/07/2024 20:25	19.45	6.35	124.77	15.25	15.86	1.2	17.57	14.86	47.82	15.6	306.69	36.51	2.76	40.44	
04/07/2024 20:30	19.45	6.35	124.77	15.25	15.91	1.3	17.57	14.86	47.82	15.6	306.69	36.62	3	40.43	
04/07/2024 20:35	19.45	6.35	124.77	15.25	15.79	1.17	17.97	14.86	47.82	15.6	306.69	36.37	2.7	41.37	
04/07/2024 20:40	19.45	6.35	124.77	15.25	15.83	1.33	17.92	14.86	47.82	15.6	306.69	36.43	3.06	41.26	
04/07/2024 20:45	19.45	6.35	124.77	15.25	15.7	1.24	17.77	14.86	47.82	15.6	306.69	36.15	2.86	40.92	
04/07/2024 20:50	19.45	6.35	124.77	15.25	15.81	1.25	17.54	14.86	47.82	15.6	306.69	36.41	2.87	40.39	
04/07/2024 20:55	19.45	6.35	124.77	15.25	15.8	1.22	17.64	14.86	47.82	15.6	306.69	36.38	2.82	40.62	
04/07/2024 21:00	19.45	6.35	124.77	15.25	15.85	1.25	17.68	14.86	47.82	15.6	306.69	36.5	2.88	40.72	
04/07/2024 21:05	19.45	6.35	124.77	15.25	15.79	1.23	17.64	14.87	47.82	15.6	306.69	36.37	2.84	40.62	
04/07/2024 21:10	19.45	6.35	124.77	15.25	15.84	1.23	17.44	14.86	47.82	15.6	306.69	36.47	2.84	40.16	
04/07/2024 21:15	19.45	6.35	124.77	15.25	16	1.26	17.03	14.86	47.82	15.6	306.69	36.82	2.9	39.2	
04/07/2024 21:20	19.45	6.35	124.77	15.25	16.07	1.23	16.78	14.86	47.82	15.6	306.69	36.99	2.83	38.64	
04/07/2024 21:25	19.45	6.35	124.77	15.25	15.9	1.21	16.72	14.86	47.82	15.6	306.69	36.58	2.77	38.46	
04/07/2024 21:30	19.45	6.35	124.77	15.25	15.84	1.08	16.53	14.86	47.82	15.6	306.69	36.42	2.48	38.01	
04/07/2024 21:35	19.45	6.35	124.77	15.25	16.03	1.31	16.64	14.86	47.82	15.6	306.69	36.9	3.02	38.3	
04/07/2024 21:40	19.45	6.35	124.77	15.25	15.89	1.22	16.8	14.86	47.82	15.6	306.69	36.58	2.81	38.69	
04/07/2024 21:45	19.45	6.35	124.77	15.25	15.92	1.26	16.93	14.87	47.82	15.6	306.69	36.68	2.9	39	
04/07/2024 21:50	19.45	6.35	124.77	15.25	16.01	1.28	17.1	14.87	47.82	15.6	306.69	36.88	2.95	39.39	
04/07/2024 21:55	19.45	6.35	124.77	15.25	16.01	1.25	16.82	14.86	47.82	15.6	306.69	36.88	2.88	38.73	
04/07/2024 22:00	19.45	6.35	124.77	15.25	15.95	1.29	16.95	14.86	47.82	15.6	306.69	36.69	2.96	39.01	
04/07/2024 22:05	19.45	6.35	124.77	15.25	15.94	1.22	17.37	14.86	47.82	15.6	306.69	36.66	2.81	39.96	
04/07/2024 22:10	19.45	6.35	124.77	15.25	15.83	1.27	17.73	14.86	47.82	15.6	306.69	36.43	2.92	40.8	
04/07/2024 22:15	19.45	6.35	124.77	15.25	15.78	1.19	18.36	14.86	47.82	15.6	306.69	36.3	2.75	42.23	
04/07/2024 22:20	19.45	6.35	124.77	15.25	15.63	1.11	18.53	14.85	47.82	15.6	306.69	35.93	2.55	42.59	
04/07/2024 22:25	19.45	6.35	124.77	15.25	15.9	1.29	18.91	14.86	47.82	15.6	306.69	36.57	2.96	43.49	
04/07/2024 22:30	19.45	6.35	124.77	15.25	15.76	1.33	19.1	14.86	47.82	15.6	306.69	36.26	3.06	43.95	
04/07/2024 22:35	19.45	6.35	124.77	15.25	15.62	1.15	18.32	14.86	47.82	15.6	306.69	35.94	2.65	42.15	
04/07/2024 22:40	19.45	6.35	124.77	15.25	15.9	1.27	17.76	14.86	47.82	15.6	306.69	36.61	2.92	40.89	
04/07/2024 22:45	19.45	6.35	124.77	15.25	15.9	1.33	17.59	14.87	47.82	15.6	306.69	36.62	3.07	40.52	
04/07/2024 22:50	19.45	6.35	124.77	15.25	15.97	1.26	17.19	14.86	47.82	15.6	306.69	36.75	2.89	39.57	
04/07/2024 22:55	19.45	6.35	124.77	15.25	15.93	1.31	17.09	14.86	47.82	15.6	306.69	36.65	3.01	39.33	
04/07/2024 23:00	19.45	6.35	124.77	15.25	15.89	1.29	17.11	14.86	47.82	15.6	306.69	36.54	2.98	39.35	
04/07/2024 23:05	19.45	6.35	124.77	15.25	15.97	1.35	17.09	14.85	47.82	15.6	306.69	36.69	3.1	39.25	
04/07/2024 23:10	19.45	6.35	124.77	15.25	16.04	1.31	18.07	14.85	47.82	15.6	306.69	36.84	3.02	41.51	
04/07/2024 23:15	19.45	6.35	124.77	15.25	15.99	1.4	17.68	14.85	47.82	15.6	306.69	36.76	3.23	40.63	
04/07/2024 23:20	19.45	6.35	124.77	15.25	15.79	1.36	17.3	14.85	47.82	15.6	306.69	36.3	3.12	39.77	
04/07/2024 23:25	19.45	6.35	124.77	15.25	15.87	1.47	18.35	14.85	47.82	15.6	306.69	36.49	3.37	42.19	
04/07/2024 23:30	19.45	6.35	124.77	15.25	16.07	1.5	18.9	14.85	47.82	15.6	306.69	36.95	3.44	43.46	
04/07/2024 23:35	19.45	6.35	124.77	15.25	15.8	1.53	18.86	14.86	47.82	15.6	306.69	36.35	3.52	43.41	
04/07/2024 23:40	19.45	6.35	124.77	15.25	15.8	1.58	18.71	14.86	47.82	15.6	306.69	36.36	3.65	43.07	
04/07/2024 23:45	19.45	6.35	124.77	15.25	16.05	1.56	19.8	14.86	47.82	15.6	306.69	36.95	3.59	45.58	
04/07/2024 23:50	19.45	6.35	124.77	15.25	15.99	1.66	19.49	14.87	47.82	15.6	306.69	36.85	3.82	44.91	
04/07/2024 23:55	19.45	6.35	124.77	15.25	15.75	1.62	18.95	14.87	47.82	15.6	306.69	36.29	3.73	43.67	
05/07/2024 00:00	19.45	6.35	124.77	15.25	16.03	1.67	19.14	14.87	47.82	15.6	306.69	36.93	3.84	44.11	
05/07/2024 00:05	19.45	6.35	124.77	15.25	15.91	1.69	19.47	14.87	47.82	15.6	306.69	36.67	3.91	44.87	
05/07/2024 00:10	19.45	6.35	124.77	15.25	15.84	1.67	19.46	14.87	47.82	15.6	306.69	36.53	3.84	44.88	
05/07/2024 00:15	19.45	6.35	124.77	15.25	15.88	1.73	19.77	14.87	47.82	15.6	306.69	36.64	4	45.6	
05/07/2024 00:20	19.45	6.35	124.77	15.25	15.73	1.67	19.89	14.88	47.82	15.6	306.69	36.3	3.85	45.9	
05/07/2024 00:25	19.45	6.35	124.77	15.25	15.81	1.7	18.7	14.88	47.82	15.6	306.69	36.48	3.91	43.15	
05/07/2024 00:30	19.45	6.35	124.77	15.25	15.98	1.64	18.37	14.87	47.82	15.6	306.69	36.85	3.78	42.37	
05/07/2024 00:35	19.45	6.35	124.77	15.25	16.08	1.69	18.98	14.88	47.82	15.6	306.69	37.11	3.91	43.8	
05/07/2024 00:40	19.45	6.35	124.77	15.25	15.77	1.64	17.98	14.87	47.82	15.6	306.69	36.38	3.78	41.49	
05/07/2024 00:45	19.45	6.35	124.77	15.25	16	1.65	18.56	14.87	47.82	15.6	306.69	36.9	3.8	42.81	
05/07/2024 00:50	19.45	6.35	124.77	15.25	16.03	1.69	18.72	14.88	47.82	15.6	306.69	37	3.91	43.2	
05/07/2024 00:55	19.45	6.35	124.77	15.25	15.83	1.59	17.08	14.88	47.82	15.6	306.69	36.53	3.67	39.42	
05/07/2024 01:00	19.45	6.35	124.77	15.25	16	1.69									



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
05/07/2024 02:35	19.45	6.35	124.77	15.25	15.62	1.76	19.16	14.88	47.82	15.6	306.69	36.09	4.06	44.28	
05/07/2024 02:40	19.45	6.35	124.77	15.25	15.84	1.75	19.43	14.89	47.82	15.6	306.69	36.6	4.05	44.9	
05/07/2024 02:45	19.45	6.35	124.77	15.25	15.77	1.74	18.35	14.88	47.82	15.6	306.69	36.41	4.02	42.38	
05/07/2024 02:50	19.45	6.35	124.77	15.25	15.68	1.68	17.96	14.88	47.82	15.6	306.69	36.18	3.89	41.45	
05/07/2024 02:55	19.45	6.35	124.77	15.25	15.97	1.8	19.15	14.88	47.82	15.6	306.69	36.87	4.17	44.19	
05/07/2024 03:00	19.45	6.35	124.77	15.25	15.75	1.76	19.46	14.88	47.82	15.6	306.69	36.38	4.06	44.95	
05/07/2024 03:05	19.45	6.35	124.77	15.25	15.69	1.84	18.83	14.88	47.82	15.6	306.69	36.25	4.24	43.5	
05/07/2024 03:10	19.45	6.35	124.77	15.25	15.77	1.75	18.74	14.88	47.82	15.6	306.69	36.39	4.04	43.24	
05/07/2024 03:15	19.45	6.35	124.77	15.25	15.98	1.83	19.4	14.87	47.82	15.6	306.69	36.86	4.22	44.74	
05/07/2024 03:20	19.45	6.35	124.77	15.25	15.62	1.75	18.87	14.87	47.82	15.6	306.69	36.02	4.03	43.53	
05/07/2024 03:25	19.45	6.35	124.77	15.25	15.62	1.76	18.77	14.88	47.82	15.6	306.69	36.04	4.06	43.31	
05/07/2024 03:30	19.45	6.35	124.77	15.25	15.78	1.77	18.62	14.87	47.82	15.6	306.69	36.4	4.08	42.95	
05/07/2024 03:35	19.45	6.35	124.77	15.25	15.67	1.73	19.05	14.88	47.82	15.6	306.69	36.17	4	43.97	
05/07/2024 03:40	19.45	6.35	124.77	15.25	15.67	1.8	18.39	14.88	47.82	15.6	306.69	36.16	4.15	42.43	
05/07/2024 03:45	19.45	6.35	124.77	15.25	15.73	1.72	18.59	14.88	47.82	15.6	306.69	36.31	3.97	42.91	
05/07/2024 03:50	19.45	6.35	124.77	15.25	15.68	1.8	18.17	14.88	47.82	15.6	306.69	36.21	4.16	41.95	
05/07/2024 03:55	19.45	6.35	124.77	15.25	15.65	1.75	17.88	14.88	47.82	15.6	306.69	36.13	4.04	41.26	
05/07/2024 04:00	19.45	6.35	124.77	15.25	15.94	1.77	18.65	14.88	47.82	15.6	306.69	36.8	4.09	43.05	
05/07/2024 04:05	19.45	6.35	124.77	15.25	15.83	1.82	18.59	14.88	47.82	15.6	306.69	36.57	4.21	42.94	
05/07/2024 04:10	19.45	6.35	124.77	15.25	15.65	1.77	18.55	14.88	47.82	15.6	306.69	36.14	4.1	42.85	
05/07/2024 04:15	19.45	6.35	124.77	15.25	15.75	1.85	18.79	14.88	47.82	15.6	306.69	36.35	4.27	43.38	
05/07/2024 04:20	19.45	6.35	124.77	15.25	15.79	1.74	18.92	14.88	47.82	15.6	306.69	36.44	4.03	43.67	
05/07/2024 04:25	19.45	6.35	124.77	15.25	15.68	1.84	18.84	14.88	47.82	15.6	306.69	36.19	4.24	43.5	
05/07/2024 04:30	19.45	6.35	124.77	15.25	15.79	1.76	18.72	14.88	47.82	15.6	306.69	36.43	4.07	43.19	
05/07/2024 04:35	19.45	6.35	124.77	15.25	15.76	1.79	18.96	14.88	47.82	15.6	306.69	36.37	4.13	43.76	
05/07/2024 04:40	19.45	6.35	124.77	15.25	15.61	1.82	18.8	14.88	47.82	15.6	306.69	36.02	4.2	43.39	
05/07/2024 04:45	19.45	6.35	124.77	15.25	15.66	1.77	18.45	14.87	47.82	15.6	306.69	36.12	4.08	42.57	
05/07/2024 04:50	19.45	6.35	124.77	15.25	16.02	1.82	18.92	14.88	47.82	15.6	306.69	36.97	4.2	43.66	
05/07/2024 04:55	19.45	6.35	124.77	15.25	15.71	1.72	18	14.88	47.82	15.6	306.69	36.25	3.96	41.55	
05/07/2024 05:00	19.45	6.35	124.77	15.25	15.72	1.78	17.73	14.88	47.82	15.6	306.69	36.27	4.1	40.92	
05/07/2024 05:05	19.45	6.35	124.77	15.25	15.73	1.72	18.25	14.88	47.82	15.6	306.69	36.3	3.98	42.13	
05/07/2024 05:10	19.45	6.35	124.77	15.25	15.82	1.81	18.02	14.88	47.82	15.6	306.69	36.54	4.18	41.6	
05/07/2024 05:15	19.45	6.35	124.77	15.25	15.69	1.74	17.73	14.88	47.82	15.6	306.69	36.23	4.02	40.95	
05/07/2024 05:20	19.45	6.35	124.77	15.25	15.73	1.78	18.15	14.88	47.82	15.6	306.69	36.35	4.11	41.93	
05/07/2024 05:25	19.45	6.35	124.77	15.25	15.86	1.77	18.95	14.88	47.82	15.6	306.69	36.59	4.07	43.73	
05/07/2024 05:30	19.45	6.35	124.77	15.25	15.64	1.78	18.73	14.87	47.82	15.6	306.69	36.08	4.1	43.21	
05/07/2024 05:35	19.45	6.35	124.77	15.25	15.57	1.78	18.62	14.87	47.82	15.6	306.69	35.89	4.1	42.93	
05/07/2024 05:40	19.45	6.35	124.77	15.25	15.74	1.74	18.6	14.87	47.82	15.6	306.69	36.32	4.01	42.92	
05/07/2024 05:45	19.45	6.35	124.77	15.25	15.78	1.82	18.68	14.87	47.82	15.6	306.69	36.41	4.2	43.08	
05/07/2024 05:50	19.45	6.35	124.77	15.25	15.68	1.74	18.62	14.87	47.82	15.6	306.69	36.16	4.01	42.92	
05/07/2024 05:55	19.45	6.35	124.77	15.25	15.92	1.84	18.59	14.88	47.82	15.6	306.69	36.73	4.25	42.9	
05/07/2024 06:00	19.45	6.35	124.77	15.25	15.85	1.81	18.86	14.88	47.82	15.6	306.69	36.61	4.17	43.55	
05/07/2024 06:05	19.45	6.35	124.77	15.25	15.67	1.82	18.34	14.88	47.82	15.6	306.69	36.16	4.21	42.32	
05/07/2024 06:10	19.45	6.35	124.77	15.25	15.65	1.76	18.18	14.88	47.82	15.6	306.69	36.1	4.06	41.94	
05/07/2024 06:15	19.45	6.35	124.77	15.25	15.94	1.8	18.66	14.88	47.82	15.6	306.69	36.78	4.15	43.04	
05/07/2024 06:20	19.45	6.35	124.77	15.25	15.86	1.8	18.72	14.87	47.82	15.6	306.69	36.59	4.15	43.18	
05/07/2024 06:25	19.45	6.35	124.77	15.25	15.62	1.75	18.38	14.88	47.82	15.6	306.69	36.07	4.04	42.42	
05/07/2024 06:30	19.45	6.35	124.77	15.25	15.74	1.82	18.73	14.88	47.82	15.6	306.69	36.34	4.2	43.26	
05/07/2024 06:35	19.45	6.35	124.77	15.25	15.97	1.73	19.18	14.89	47.82	15.6	306.69	36.92	4.01	44.35	
05/07/2024 06:40	19.45	6.35	124.77	15.25	15.63	1.8	18.58	14.89	47.82	15.6	306.69	36.11	4.16	42.94	
05/07/2024 06:45	19.45	6.35	124.77	15.25	15.51	1.68	18.35	14.88	47.82	15.6	306.69	35.83	3.89	42.4	
05/07/2024 06:50	19.45	6.35	124.77	15.25	15.72	1.77	18.23	14.89	47.82	15.6	306.69	36.33	4.08	42.12	
05/07/2024 06:55	19.45	6.35	124.77	15.25	15.81	1.72	18.13	14.88	47.82	15.6	306.69	36.5	3.97	41.86	
05/07/2024 07:00	19.45	6.35	124.77	15.25	15.69	1.76	17.78	14.87	47.82	15.6	306.69	36.19	4.06	41	
05/07/2024 07:05	19.45	6.35	124.77	15.25	15.56	1.65	18.33	14.87	47.82	15.6	306.69	35.86	3.81	42.22	
05/07/2024 07:10	19.45	6.35	124.77	15.25	15.78	1.74	18.6	14.87	47.82	15.6	306.69	36.36	4.02	42.86	
05/07/2024 07:15	19.45	6.35	124.77	15.25	15.79	1.67	18.27	14.87	47.82	15.6	306.69	36.41	3.86	42.13	
05/07/2024 07:20	19.45	6.35	124.77	15.25	15.59	1.71	17.81	14.88	47.82	15.6	306.69	35.99	3.94	41.13	
05/07/2024 07:25	19.45	6.35	124.77	15.25	15.57	1.64	17.81	14.88	47.82	15.6	306.69	35.96	3.78	41.12	
05/07/2024 07:30	19.45	6.35	124.77	15.25	15.74	1.65	18.07	14.88	47.82	15.6	306.69	36.35	3.81	41.73	
05/07/2024 07:35	19.45	6.35	124.77	15.25	15.72	1.74	18.63	14.88	47.82	15.6	306.69	36.3	4.01	43.02	
05/07/2024 07:40	19.45	6.35	124.77	15.25	15.47	1.63	18.03	14.88	47.82	15.6	306.69	35.73	3.76	41.65	
05/07/2024 07:45	19.45	6.35	124.77	15.25	15.48	1.74	18.93	14.88	47.82	15.6	306.69	35.77	4.01	43.74	
05/07/2024 07:50	19.45	6.35	124.77	15.25	15.5	1.62	19.64	14.88	47.82	15.6	306.69	35.8	3.75	45.34	
05/07/2024 07:55	19.45	6.35	124.77	15.25	15.92	1.72	18.81	14.88	47.82	15.6	306.69	36.77	3.97	43.44	
05/07/2024 08:00	19.45	6.35	124.77	15.25	15.81	1.56	17.98	14.88	47.82	15.6	306.69	36.48	3.61	41.51	
05/07/2024 08:05	19.45	6.35	124.77	15.25	15.85	1.65	17.82	14.88	47.82	15.6	306.69	36.56	3.81	41.12	
05/07/2024 08:10	19.45	6.35	124.77	15.25	15.66	1.57	17.82	14.87	47.82	15.6	306.69	36.13	3.61	41.12	
05/07/2024 08:15	19.45	6.35	124.77	15.25	15.43	1.56	18.28	14.88	47.82	15.6	306.69	35.59	3.61	42.18	
05/07/2024 08:20	19.45	6.35	124.77	15.25	15.56	1.49	18.39	14.87	47.82	15.6	306.69	35.87	3.45	42.4	
05/07/2024 08:25	19.45	6.35	124.77	15.25	15.65	1.55	17.98	14.87	47.82	15.6	306.69	36.06	3.58	41.44	
05/07/2024 08:30	19.45	6.35	124.77	15.25	15.78	1.53	17.85	14.87	47.82	15.6	306.69	36.38	3.53	41.15	
05/07/2024 08:35	19.45	6.35													



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
05/07/2024 10:10	19.45	6.35	124.77	15.25	15.54	0.95	19.42	14.79	47.82	15.6	306.69	35.38	2.17	44.21	
05/07/2024 10:15	19.45	6.35	124.77	15.25	15.57	1.04	19.66	14.8	47.82	15.6	306.69	35.45	2.37	44.78	
05/07/2024 10:20	19.45	6.35	124.77	15.25	15.56	1	19.54	14.8	47.82	15.6	306.69	35.44	2.27	44.5	
05/07/2024 10:25	19.45	6.35	124.77	15.25	15.52	0.94	19.11	14.8	47.82	15.6	306.69	35.35	2.13	43.51	
05/07/2024 10:30	19.45	6.35	124.77	15.25	15.46	0.93	19.12	14.8	47.82	15.6	306.69	35.23	2.13	43.56	
05/07/2024 10:35	19.45	6.35	124.77	15.25	15.69	0.96	19.44	14.8	47.82	15.6	306.69	35.76	2.18	44.3	
05/07/2024 10:40	19.45	6.35	124.77	15.25	15.63	0.89	18.75	14.8	47.82	15.6	306.69	35.6	2.03	42.7	
05/07/2024 10:45	19.45	6.35	124.77	15.25	15.54	0.86	18.83	14.8	47.82	15.6	306.69	35.38	1.96	42.88	
05/07/2024 10:50	19.45	6.35	124.77	15.25	15.46	0.79	18.99	14.79	47.82	15.6	306.69	35.18	1.8	43.22	
05/07/2024 10:55	19.45	6.35	124.77	15.25	15.5	0.77	18.84	14.79	47.82	15.6	306.69	35.29	1.75	42.88	
05/07/2024 11:00	19.45	6.35	124.77	15.25	15.57	0.83	18.77	14.79	47.82	15.6	306.69	35.44	1.88	42.72	
05/07/2024 11:05	19.45	6.35	124.77	15.25	15.67	0.87	19.17	14.79	47.82	15.6	306.69	35.67	1.98	43.63	
05/07/2024 11:10	19.45	6.35	124.77	15.25	15.54	0.82	19.76	14.79	47.82	15.6	306.69	35.35	1.86	44.94	
05/07/2024 11:15	19.45	6.35	124.77	15.25	15.45	0.74	19.55	14.79	47.82	15.6	306.69	35.16	1.69	44.48	
05/07/2024 11:20	19.45	6.35	124.77	15.25	15.65	0.89	19.47	14.79	47.82	15.6	306.69	35.62	2.02	44.31	
05/07/2024 11:25	19.45	6.35	124.77	15.25	15.28	0.66	19.9	14.79	47.82	15.6	306.69	34.75	1.51	45.25	
05/07/2024 11:30	19.45	6.35	124.77	15.25	15.62	0.94	19.83	14.79	47.82	15.6	306.69	35.53	2.13	45.1	
05/07/2024 11:35	19.45	6.35	124.77	15.25	15.54	0.89	20.23	14.79	47.82	15.6	306.69	35.34	2.03	46.01	
05/07/2024 11:40	19.45	6.35	124.77	15.25	15.59	0.94	20.33	14.79	47.82	15.6	306.69	35.45	2.15	46.23	
05/07/2024 11:45	19.45	6.35	124.77	15.25	15.63	0.96	20.55	14.79	47.82	15.6	306.69	35.58	2.18	46.77	
05/07/2024 11:50	19.45	6.35	124.77	15.25	15.44	0.79	20.21	14.79	47.82	15.6	306.69	35.15	1.79	46	
05/07/2024 11:55	19.45	6.35	124.77	15.25	15.56	0.93	19.85	14.79	47.82	15.6	306.69	35.41	2.11	45.19	
05/07/2024 12:00	19.45	6.35	124.77	15.25	15.61	0.82	19.91	14.79	47.82	15.6	306.69	35.52	1.87	45.29	
05/07/2024 12:05	19.45	6.35	124.77	15.25	15.77	1.03	20.12	14.8	47.82	15.6	306.69	35.9	2.35	45.81	
05/07/2024 12:10	19.45	6.35	124.77	15.25	15.37	0.71	20.35	14.8	47.82	15.6	306.69	35.02	1.62	46.35	
05/07/2024 12:15	19.45	6.35	124.77	15.25	15.7	0.98	20.67	14.8	47.82	15.6	306.69	35.77	2.23	47.1	
05/07/2024 12:20	19.45	6.35	124.77	15.25	15.47	0.67	20.5	14.8	47.82	15.6	306.69	35.23	1.53	46.68	
05/07/2024 12:25	19.45	6.35	124.77	15.25	15.53	0.87	20.51	14.8	47.82	15.6	306.69	35.38	1.99	46.71	
05/07/2024 12:30	19.45	6.35	124.77	15.25	15.48	0.73	20.99	14.79	47.82	15.6	306.69	35.24	1.65	47.79	
05/07/2024 12:35	19.45	6.35	124.77	15.25	15.45	0.78	21.02	14.79	47.82	15.6	306.69	35.14	1.78	47.81	
05/07/2024 12:40	19.45	6.35	124.77	15.25	15.33	0.61	20.51	14.79	47.82	15.6	306.69	34.84	1.39	46.62	
05/07/2024 12:45	19.45	6.35	124.77	15.25	15.62	0.78	20.62	14.79	47.82	15.6	306.69	35.51	1.78	46.88	
05/07/2024 12:50	19.45	6.35	124.77	15.25	15.52	0.65	20.58	14.78	47.82	15.6	306.69	35.28	1.48	46.79	
05/07/2024 12:55	19.45	6.35	124.77	15.25	15.51	0.78	20.49	14.79	47.82	15.6	306.69	35.27	1.77	46.58	
05/07/2024 13:00	19.45	6.35	124.77	15.25	15.52	0.71	20.28	14.79	47.82	15.6	306.69	35.29	1.62	46.12	
05/07/2024 13:05	19.45	6.35	124.77	15.25	15.76	0.76	20.51	14.79	47.82	15.6	306.69	35.83	1.74	46.64	
05/07/2024 13:10	19.45	6.35	124.77	15.25	15.73	0.8	20.09	14.79	47.82	15.6	306.69	35.76	1.82	45.68	
05/07/2024 13:15	19.45	6.35	124.77	15.25	15.45	0.54	20.27	14.78	47.82	15.6	306.69	35.09	1.23	46.03	
05/07/2024 13:20	19.45	6.35	124.77	15.25	15.69	0.8	20.21	14.78	47.82	15.6	306.69	35.62	1.81	45.88	
05/07/2024 13:25	19.45	6.35	124.77	15.25	15.61	0.63	20.9	14.78	47.82	15.6	306.69	35.44	1.42	47.44	
05/07/2024 13:30	19.45	6.35	124.77	15.25	15.4	0.62	21.04	14.77	47.82	15.6	306.69	34.93	1.41	47.73	
05/07/2024 13:35	19.45	6.35	124.77	15.25	15.76	0.77	20.67	14.78	47.82	15.6	306.69	35.77	1.76	46.91	
05/07/2024 13:40	19.45	6.35	124.77	15.25	15.27	0.36	20.82	14.77	47.82	15.6	306.69	34.63	0.81	47.22	
05/07/2024 13:45	19.45	6.35	124.77	15.25	15.4	0.68	20.82	14.76	47.82	15.6	306.69	34.89	1.54	47.17	
05/07/2024 13:50	19.45	6.35	124.77	15.25	15.37	0.48	20.95	14.76	47.82	15.6	306.69	34.83	1.08	47.47	
05/07/2024 13:55	19.45	6.35	124.77	15.25	15.46	0.66	20.64	14.77	47.82	15.6	306.69	35.04	1.5	46.78	
05/07/2024 14:00	19.45	6.35	124.77	15.25	15.34	0.47	20.99	14.76	47.82	15.6	306.69	34.75	1.07	47.54	
05/07/2024 14:05	19.45	6.35	124.77	15.25	15.3	0.59	20.91	14.76	47.82	15.6	306.69	34.66	1.35	47.36	
05/07/2024 14:10	19.45	6.35	124.77	15.25	15.18	0.47	20.68	14.76	47.82	15.6	306.69	34.39	1.06	46.85	
05/07/2024 14:15	19.45	6.35	124.77	15.25	15.34	0.67	21.29	14.77	47.82	15.6	306.69	34.78	1.51	48.26	
05/07/2024 14:20	19.45	6.35	124.77	15.25	15.15	0.47	21.86	14.76	47.82	15.6	306.69	34.31	1.06	49.49	
05/07/2024 14:25	19.45	6.35	124.77	15.25	15.51	0.85	21.79	14.77	47.82	15.6	306.69	35.16	1.92	49.4	
05/07/2024 14:30	19.45	6.35	124.77	15.25	15.39	0.69	21.7	14.77	47.82	15.6	306.69	34.89	1.56	49.18	
05/07/2024 14:35	19.45	6.35	124.77	15.25	15.32	0.65	21.76	14.77	47.82	15.6	306.69	34.72	1.46	49.34	
05/07/2024 14:40	19.45	6.35	124.77	15.25	15.41	0.77	21.77	14.77	47.82	15.6	306.69	34.94	1.74	49.36	
05/07/2024 14:45	19.45	6.35	124.77	15.25	15.39	0.68	21.78	14.77	47.82	15.6	306.69	34.9	1.54	49.38	
05/07/2024 14:50	19.45	6.35	124.77	15.25	15.34	0.77	22.28	14.77	47.82	15.6	306.69	34.78	1.74	50.53	
05/07/2024 14:55	19.45	6.35	124.77	15.25	15.34	0.68	21.81	14.78	47.82	15.6	306.69	34.83	1.54	49.52	
05/07/2024 15:00	19.45	6.35	124.77	15.25	15.44	0.78	21.65	14.78	47.82	15.6	306.69	35.1	1.77	49.21	
05/07/2024 15:05	19.45	6.35	124.77	15.25	15.4	0.63	21.63	14.78	47.82	15.6	306.69	35	1.43	49.15	
05/07/2024 15:10	19.45	6.35	124.77	15.25	15.53	0.84	21.82	14.79	47.82	15.6	306.69	35.33	1.91	49.63	
05/07/2024 15:15	19.45	6.35	124.77	15.25	15.52	0.6	21.43	14.78	47.82	15.6	306.69	35.27	1.36	48.7	
05/07/2024 15:20	19.45	6.35	124.77	15.25	15.42	0.72	21.89	14.78	47.82	15.6	306.69	35.04	1.63	49.75	
05/07/2024 15:25	19.45	6.35	124.77	15.25	15.3	0.65	22	14.79	47.82	15.6	306.69	34.79	1.48	50.01	
05/07/2024 15:30	19.45	6.35	124.77	15.25	15.26	0.56	21.82	14.78	47.82	15.6	306.69	34.68	1.26	49.6	
05/07/2024 15:35	19.45	6.35	124.77	15.25	15.48	0.73	21.57	14.78	47.82	15.6	306.69	35.17	1.67	49.01	
05/07/2024 15:40	19.45	6.35	124.77	15.25	15.37	0.64	21.51	14.78	47.82	15.6	306.69	34.89	1.46	48.84	
05/07/2024 15:45	19.45	6.35	124.77	15.25	15.5	0.68	21.88	14.78	47.82	15.6	306.69	35.2	1.55	49.68	
05/07/2024 15:50	19.45	6.35	124.77	15.25	15.4	0.68	22.46	14.78	47.82	15.6	306.69	34.96	1.55	50.97	
05/07/2024 15:55	19.45	6.35	124.77	15.25	15.18	0.61	22.94	14.77	47.82	15.6	306.69	34.45	1.39	52.05	
05/07/2024 16:00	19.45	6.35	124.77	15.25	15.34	0.74	22.53	14.78	47.82	15.6	306.69	34.82	1.68	51.14	
05/07/2024 16:05	19.45	6.35	124.77	15.25	15.11	0.56	22.22	14.78	47.82	15.6	306.69	34.3	1.28	50.43	
05/07/2024 16:10	19.45	6.35	124.77												



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
05/07/2024 17:45	19.45	6.35	124.77	15.25	15.33	1.04	22.56	14.79	47.82	15.6	306.69	34.9	2.36	51.35	
05/07/2024 17:50	19.45	6.35	124.77	15.25	15.35	1.1	22.43	14.8	47.82	15.6	306.69	34.95	2.5	51.06	
05/07/2024 17:55	19.45	6.35	124.77	15.25	15.38	1.09	22.58	14.8	47.82	15.6	306.69	35.02	2.48	51.42	
05/07/2024 18:00	19.45	6.35	124.77	15.25	15.56	1.16	22.04	14.8	47.82	15.6	306.69	35.44	2.65	50.2	
05/07/2024 18:05	19.45	6.35	124.77	15.25	15.34	1.09	22.17	14.8	47.82	15.6	306.69	34.92	2.49	50.5	
05/07/2024 18:10	19.45	6.35	124.77	15.25	15.29	1	22.11	14.8	47.82	15.6	306.69	34.81	2.29	50.33	
05/07/2024 18:15	19.45	6.35	124.77	15.25	15.53	1.25	21.93	14.8	47.82	15.6	306.69	35.37	2.84	49.94	
05/07/2024 18:20	19.45	6.35	124.77	15.25	15.11	0.93	21.75	14.79	47.82	15.6	306.69	34.4	2.12	49.51	
05/07/2024 18:25	19.45	6.35	124.77	15.25	15.36	1.14	21.88	14.8	47.82	15.6	306.69	34.98	2.6	49.82	
05/07/2024 18:30	19.45	6.35	124.77	15.25	15.42	1.26	21.95	14.8	47.82	15.6	306.69	35.14	2.87	50.02	
05/07/2024 18:35	19.45	6.35	124.77	15.25	15.41	1.24	21.83	14.81	47.82	15.6	306.69	35.16	2.82	49.8	
05/07/2024 18:40	19.45	6.35	124.77	15.25	15.42	1.22	21.84	14.81	47.82	15.6	306.69	35.18	2.77	49.82	
05/07/2024 18:45	19.45	6.35	124.77	15.25	15.13	1	21.92	14.8	47.82	15.6	306.69	34.5	2.29	49.98	
05/07/2024 18:50	19.45	6.35	124.77	15.25	15.2	1.1	22.35	14.8	47.82	15.6	306.69	34.67	2.52	50.96	
05/07/2024 18:55	19.45	6.35	124.77	15.25	15.09	1.01	22.04	14.8	47.82	15.6	306.69	34.4	2.31	50.24	
05/07/2024 19:00	19.45	6.35	124.77	15.25	15.31	1.25	22.51	14.81	47.82	15.6	306.69	34.91	2.85	51.35	
05/07/2024 19:05	19.45	6.35	124.77	15.25	15.34	1.29	23.03	14.81	47.82	15.6	306.69	34.99	2.94	52.54	
05/07/2024 19:10	19.45	6.35	124.77	15.25	15.11	1.19	23.11	14.8	47.82	15.6	306.69	34.46	2.72	52.69	
05/07/2024 19:15	19.45	6.35	124.77	15.25	15.28	1.26	22.91	14.8	47.82	15.6	306.69	34.82	2.87	52.21	
05/07/2024 19:20	19.45	6.35	124.77	15.25	15.35	1.29	23.05	14.8	47.82	15.6	306.69	34.99	2.94	52.53	
05/07/2024 19:25	19.45	6.35	124.77	15.25	15.09	1.2	22.92	14.8	47.82	15.6	306.69	34.4	2.72	52.26	
05/07/2024 19:30	19.45	6.35	124.77	15.25	15.2	1.32	22.55	14.81	47.82	15.6	306.69	34.67	3.01	51.45	
05/07/2024 19:35	19.45	6.35	124.77	15.25	15.29	1.28	22.47	14.81	47.82	15.6	306.69	34.87	2.91	51.26	
05/07/2024 19:40	19.45	6.35	124.77	15.25	15.29	1.35	22.76	14.8	47.82	15.6	306.69	34.83	3.07	51.85	
05/07/2024 19:45	19.45	6.35	124.77	15.25	14.87	1.13	22.88	14.8	47.82	15.6	306.69	33.89	2.57	52.13	
05/07/2024 19:50	19.45	6.35	124.77	15.25	15.05	1.26	23.11	14.8	47.82	15.6	306.69	34.33	2.88	52.69	
05/07/2024 19:55	19.45	6.35	124.77	15.25	15.12	1.35	23.52	14.81	47.82	15.6	306.69	34.49	3.09	53.64	
05/07/2024 20:00	19.45	6.35	124.77	15.25	15.25	1.38	23.77	14.8	47.82	15.6	306.69	34.78	3.14	54.21	
05/07/2024 20:05	19.45	6.35	124.77	15.25	15.2	1.37	23.58	14.8	47.82	15.6	306.69	34.65	3.12	53.75	
05/07/2024 20:10	19.45	6.35	124.77	15.25	15.22	1.37	23.64	14.81	47.82	15.6	306.69	34.71	3.13	53.92	
05/07/2024 20:15	19.45	6.35	124.77	15.25	15.37	1.46	24.02	14.81	47.82	15.6	306.69	35.08	3.33	54.83	
05/07/2024 20:20	19.45	6.35	124.77	15.25	15.25	1.36	22.69	14.81	47.82	15.6	306.69	34.82	3.1	51.8	
05/07/2024 20:25	19.45	6.35	124.77	15.25	15.49	1.47	22.59	14.81	47.82	15.6	306.69	35.39	3.36	51.61	
05/07/2024 20:30	19.45	6.35	124.77	15.25	15.24	1.23	22.63	14.81	47.82	15.6	306.69	34.79	2.81	51.65	
05/07/2024 20:35	19.45	6.35	124.77	15.25	15.25	1.27	22.02	14.81	47.82	15.6	306.69	34.81	2.89	50.25	
05/07/2024 20:40	19.45	6.35	124.77	15.25	15.58	1.47	21.49	14.81	47.82	15.6	306.69	35.58	3.35	49.1	
05/07/2024 20:45	19.45	6.35	124.77	15.25	15.16	1.22	21.99	14.82	47.82	15.6	306.69	34.65	2.78	50.27	
05/07/2024 20:50	19.45	6.35	124.77	15.25	15.44	1.41	21.84	14.82	47.82	15.6	306.69	35.29	3.22	49.92	
05/07/2024 20:55	19.45	6.35	124.77	15.25	15.33	1.35	22.4	14.82	47.82	15.6	306.69	35.06	3.09	51.25	
05/07/2024 21:00	19.45	6.35	124.77	15.25	15.27	1.44	23.03	14.82	47.82	15.6	306.69	34.93	3.3	52.68	
05/07/2024 21:05	19.45	6.35	124.77	15.25	15.28	1.42	23.47	14.82	47.82	15.6	306.69	34.93	3.26	53.66	
05/07/2024 21:10	19.45	6.35	124.77	15.25	15.25	1.51	23.19	14.82	47.82	15.6	306.69	34.86	3.44	53.01	
05/07/2024 21:15	19.45	6.35	124.77	15.25	15.25	1.48	23.11	14.82	47.82	15.6	306.69	34.86	3.38	52.82	
05/07/2024 21:20	19.45	6.35	124.77	15.25	15.23	1.46	22.92	14.82	47.82	15.6	306.69	34.81	3.34	52.37	
05/07/2024 21:25	19.45	6.35	124.77	15.25	15.11	1.24	22.83	14.82	47.82	15.6	306.69	34.54	2.84	52.17	
05/07/2024 21:30	19.45	6.35	124.77	15.25	15.37	1.49	22.41	14.82	47.82	15.6	306.69	35.16	3.41	51.25	
05/07/2024 21:35	19.45	6.35	124.77	15.25	15.43	1.43	22.06	14.82	47.82	15.6	306.69	35.26	3.27	50.41	
05/07/2024 21:40	19.45	6.35	124.77	15.25	15.48	1.47	21.76	14.82	47.82	15.6	306.69	35.36	3.37	49.71	
05/07/2024 21:45	19.45	6.35	124.77	15.25	15.45	1.44	21.55	14.82	47.82	15.6	306.69	35.31	3.3	49.26	
05/07/2024 21:50	19.45	6.35	124.77	15.25	15.46	1.47	21.4	14.82	47.82	15.6	306.69	35.34	3.36	48.92	
05/07/2024 21:55	19.45	6.35	124.77	15.25	15.37	1.42	21.49	14.82	47.82	15.6	306.69	35.16	3.25	49.15	
05/07/2024 22:00	19.45	6.35	124.77	15.25	15.3	1.49	21.02	14.82	47.82	15.6	306.69	34.98	3.4	48.08	
05/07/2024 22:05	19.45	6.35	124.77	15.25	15.18	1.41	20.9	14.82	47.82	15.6	306.69	34.71	3.23	47.78	
05/07/2024 22:10	19.45	6.35	124.77	15.25	15.42	1.51	21.58	14.82	47.82	15.6	306.69	35.27	3.45	49.34	
05/07/2024 22:15	19.45	6.35	124.77	15.25	15.59	1.46	21.88	14.82	47.82	15.6	306.69	35.67	3.35	50.07	
05/07/2024 22:20	19.45	6.35	124.77	15.25	15.39	1.49	21.48	14.82	47.82	15.6	306.69	35.2	3.42	49.15	
05/07/2024 22:25	19.45	6.35	124.77	15.25	15.38	1.48	21.72	14.82	47.82	15.6	306.69	35.18	3.39	49.7	
05/07/2024 22:30	19.45	6.35	124.77	15.25	15.41	1.51	21.69	14.83	47.82	15.6	306.69	35.26	3.46	49.64	
05/07/2024 22:35	19.45	6.35	124.77	15.25	15.4	1.49	21.91	14.83	47.82	15.6	306.69	35.26	3.41	50.15	
05/07/2024 22:40	19.45	6.35	124.77	15.25	15.2	1.53	21.84	14.82	47.82	15.6	306.69	34.76	3.5	49.95	
05/07/2024 22:45	19.45	6.35	124.77	15.25	15.34	1.49	22.32	14.82	47.82	15.6	306.69	35.09	3.4	51.05	
05/07/2024 22:50	19.45	6.35	124.77	15.25	15.34	1.54	22.54	14.82	47.82	15.6	306.69	35.09	3.53	51.56	
05/07/2024 22:55	19.45	6.35	124.77	15.25	15.2	1.51	22.6	14.82	47.82	15.6	306.69	34.79	3.46	51.72	
05/07/2024 23:00	19.45	6.35	124.77	15.25	15.26	1.53	22.68	14.83	47.82	15.6	306.69	34.92	3.49	51.91	
05/07/2024 23:05	19.45	6.35	124.77	15.25	15.33	1.49	22.01	14.83	47.82	15.6	306.69	35.09	3.42	50.4	
05/07/2024 23:10	19.45	6.35	124.77	15.25	15.47	1.56	21.74	14.83	47.82	15.6	306.69	35.4	3.58	49.76	
05/07/2024 23:15	19.45	6.35	124.77	15.25	15.32	1.49	21.74	14.83	47.82	15.6	306.69	35.1	3.42	49.8	
05/07/2024 23:20	19.45	6.35	124.77	15.25	15.52	1.54	21.57	14.83	47.82	15.6	306.69	35.56	3.52	49.42	
05/07/2024 23:25	19.45	6.35	124.77	15.25	15.25	1.43	21.22	14.83	47.82	15.6	306.69	34.94	3.27	48.62	
05/07/2024 23:30	19.45	6.35	124.77	15.25	15.46	1.58	21.41	14.83	47.82	15.6	306.69	35.4	3.61	49.04	
05/07/2024 23:35	19.45	6.35	124.77	15.25	15.27	1.37	21.12	14.83	47.82	15.6	306.69	34.95	3.14	48.34	
05/07/2024 23:40	19.45	6.35	124.77	15.25	15.33	1.58	21.06	14.83	47.82	15.6	306.69	35.1	3.62	48.21	
05/07/2024 23:45	19.45	6.35	124.77	15.25											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/07/2024 01:20	19.45	6.35	124.77	15.25	15.25	1.47	20.59	14.83	47.82	15.6	306.69	34.94	3.38	47.17	
06/07/2024 01:25	19.45	6.35	124.77	15.25	15.23	1.52	20.18	14.83	47.82	15.6	306.69	34.85	3.48	46.19	
06/07/2024 01:30	19.45	6.35	124.77	15.25	15.27	1.47	20.45	14.82	47.82	15.6	306.69	34.93	3.36	46.77	
06/07/2024 01:35	19.45	6.35	124.77	15.25	15.44	1.66	21.08	14.82	47.82	15.6	306.69	35.31	3.8	48.21	
06/07/2024 01:40	19.45	6.35	124.77	15.25	15.06	1.4	21.56	14.82	47.82	15.6	306.69	34.44	3.2	49.29	
06/07/2024 01:45	19.45	6.35	124.77	15.25	15.26	1.61	21.68	14.82	47.82	15.6	306.69	34.89	3.68	49.58	
06/07/2024 01:50	19.45	6.35	124.77	15.25	15.19	1.51	21.32	14.82	47.82	15.6	306.69	34.73	3.45	48.73	
06/07/2024 01:55	19.45	6.35	124.77	15.25	15.3	1.59	21.51	14.82	47.82	15.6	306.69	34.94	3.63	49.13	
06/07/2024 02:00	19.45	6.35	124.77	15.25	15.2	1.51	21.48	14.82	47.82	15.6	306.69	34.75	3.46	49.09	
06/07/2024 02:05	19.45	6.35	124.77	15.25	15.24	1.56	21.56	14.82	47.82	15.6	306.69	34.81	3.56	49.26	
06/07/2024 02:10	19.45	6.35	124.77	15.25	15.13	1.49	21.15	14.82	47.82	15.6	306.69	34.59	3.41	48.34	
06/07/2024 02:15	19.45	6.35	124.77	15.25	15.1	1.59	21.16	14.82	47.82	15.6	306.69	34.51	3.62	48.35	
06/07/2024 02:20	19.45	6.35	124.77	15.25	15.21	1.62	21.24	14.82	47.82	15.6	306.69	34.76	3.7	48.55	
06/07/2024 02:25	19.45	6.35	124.77	15.25	14.96	1.5	21.18	14.82	47.82	15.6	306.69	34.19	3.43	48.4	
06/07/2024 02:30	19.45	6.35	124.77	15.25	15.24	1.63	21.11	14.82	47.82	15.6	306.69	34.84	3.74	48.24	
06/07/2024 02:35	19.45	6.35	124.77	15.25	15.18	1.62	21.32	14.82	47.82	15.6	306.69	34.7	3.71	48.73	
06/07/2024 02:40	19.45	6.35	124.77	15.25	15.22	1.62	21.03	14.82	47.82	15.6	306.69	34.8	3.7	48.07	
06/07/2024 02:45	19.45	6.35	124.77	15.25	15.16	1.61	21.12	14.82	47.82	15.6	306.69	34.65	3.68	48.28	
06/07/2024 02:50	19.45	6.35	124.77	15.25	15.29	1.68	21.28	14.81	47.82	15.6	306.69	34.93	3.83	48.61	
06/07/2024 02:55	19.45	6.35	124.77	15.25	15.18	1.54	21.14	14.82	47.82	15.6	306.69	34.68	3.52	48.29	
06/07/2024 03:00	19.45	6.35	124.77	15.25	15.28	1.67	21.01	14.82	47.82	15.6	306.69	34.94	3.83	48.05	
06/07/2024 03:05	19.45	6.35	124.77	15.25	15.11	1.58	21.29	14.82	47.82	15.6	306.69	34.57	3.62	48.7	
06/07/2024 03:10	19.45	6.35	124.77	15.25	15.16	1.68	21.94	14.82	47.82	15.6	306.69	34.66	3.84	50.16	
06/07/2024 03:15	19.45	6.35	124.77	15.25	15.09	1.61	22.01	14.82	47.82	15.6	306.69	34.5	3.69	50.32	
06/07/2024 03:20	19.45	6.35	124.77	15.25	15.24	1.83	22.46	14.83	47.82	15.6	306.69	34.87	4.19	51.4	
06/07/2024 03:25	19.45	6.35	124.77	15.25	14.95	1.51	23.05	14.83	47.82	15.6	306.69	34.22	3.46	52.78	
06/07/2024 03:30	19.45	6.35	124.77	15.25	15.05	1.75	23.06	14.84	47.82	15.6	306.69	34.51	4.01	52.87	
06/07/2024 03:35	19.45	6.35	124.77	15.25	15.13	1.67	22.78	14.84	47.82	15.6	306.69	34.67	3.82	52.22	
06/07/2024 03:40	19.45	6.35	124.77	15.25	15.06	1.74	22.62	14.84	47.82	15.6	306.69	34.52	3.99	51.83	
06/07/2024 03:45	19.45	6.35	124.77	15.25	15.13	1.66	22.19	14.83	47.82	15.6	306.69	34.65	3.8	50.81	
06/07/2024 03:50	19.45	6.35	124.77	15.25	15.1	1.69	21.83	14.83	47.82	15.6	306.69	34.57	3.87	49.99	
06/07/2024 03:55	19.45	6.35	124.77	15.25	15.01	1.61	21.42	14.83	47.82	15.6	306.69	34.35	3.68	49.03	
06/07/2024 04:00	19.45	6.35	124.77	15.25	15.11	1.68	21.45	14.83	47.82	15.6	306.69	34.59	3.85	49.12	
06/07/2024 04:05	19.45	6.35	124.77	15.25	15.04	1.59	21.32	14.83	47.82	15.6	306.69	34.46	3.65	48.83	
06/07/2024 04:10	19.45	6.35	124.77	15.25	15.09	1.69	21.65	14.83	47.82	15.6	306.69	34.57	3.88	49.62	
06/07/2024 04:15	19.45	6.35	124.77	15.25	15.07	1.64	21.51	14.83	47.82	15.6	306.69	34.5	3.76	49.26	
06/07/2024 04:20	19.45	6.35	124.77	15.25	15.03	1.59	21.44	14.82	47.82	15.6	306.69	34.38	3.64	49.03	
06/07/2024 04:25	19.45	6.35	124.77	15.25	15.11	1.62	21.53	14.82	47.82	15.6	306.69	34.57	3.71	49.24	
06/07/2024 04:30	19.45	6.35	124.77	15.25	15.09	1.66	21.67	14.82	47.82	15.6	306.69	34.54	3.8	49.58	
06/07/2024 04:35	19.45	6.35	124.77	15.25	15.01	1.65	21.57	14.83	47.82	15.6	306.69	34.35	3.77	49.37	
06/07/2024 04:40	19.45	6.35	124.77	15.25	14.97	1.65	21.82	14.83	47.82	15.6	306.69	34.28	3.78	49.96	
06/07/2024 04:45	19.45	6.35	124.77	15.25	14.96	1.66	21.41	14.83	47.82	15.6	306.69	34.26	3.8	49.03	
06/07/2024 04:50	19.45	6.35	124.77	15.25	14.96	1.67	21.7	14.83	47.82	15.6	306.69	34.27	3.82	49.7	
06/07/2024 04:55	19.45	6.35	124.77	15.25	15.04	1.65	21.77	14.83	47.82	15.6	306.69	34.41	3.78	49.81	
06/07/2024 05:00	19.45	6.35	124.77	15.25	14.97	1.58	21.64	14.82	47.82	15.6	306.69	34.24	3.61	49.5	
06/07/2024 05:05	19.45	6.35	124.77	15.25	15.07	1.65	21.42	14.82	47.82	15.6	306.69	34.43	3.77	48.95	
06/07/2024 05:10	19.45	6.35	124.77	15.25	15.03	1.62	21.27	14.82	47.82	15.6	306.69	34.35	3.71	48.63	
06/07/2024 05:15	19.45	6.35	124.77	15.25	15.07	1.63	21.08	14.82	47.82	15.6	306.69	34.45	3.72	48.21	
06/07/2024 05:20	19.45	6.35	124.77	15.25	15.05	1.62	20.92	14.82	47.82	15.6	306.69	34.4	3.71	47.83	
06/07/2024 05:25	19.45	6.35	124.77	15.25	15.21	1.63	20.56	14.82	47.82	15.6	306.69	34.77	3.73	46.99	
06/07/2024 05:30	19.45	6.35	124.77	15.25	15.15	1.56	20.55	14.82	47.82	15.6	306.69	34.62	3.56	46.97	
06/07/2024 05:35	19.45	6.35	124.77	15.25	15.19	1.66	20.5	14.81	47.82	15.6	306.69	34.68	3.79	46.83	
06/07/2024 05:40	19.45	6.35	124.77	15.25	15.21	1.59	20.72	14.81	47.82	15.6	306.69	34.73	3.63	47.32	
06/07/2024 05:45	19.45	6.35	124.77	15.25	15.16	1.67	20.95	14.81	47.82	15.6	306.69	34.61	3.8	47.81	
06/07/2024 05:50	19.45	6.35	124.77	15.25	15.13	1.6	20.92	14.81	47.82	15.6	306.69	34.55	3.65	47.75	
06/07/2024 05:55	19.45	6.35	124.77	15.25	15.29	1.7	20.73	14.81	47.82	15.6	306.69	34.9	3.88	47.32	
06/07/2024 06:00	19.45	6.35	124.77	15.25	15.16	1.56	20.59	14.81	47.82	15.6	306.69	34.62	3.56	47.03	
06/07/2024 06:05	19.45	6.35	124.77	15.25	15.27	1.69	20.66	14.82	47.82	15.6	306.69	34.89	3.87	47.2	
06/07/2024 06:10	19.45	6.35	124.77	15.25	15.25	1.67	20.8	14.82	47.82	15.6	306.69	34.88	3.82	47.58	
06/07/2024 06:15	19.45	6.35	124.77	15.25	15.3	1.68	20.78	14.82	47.82	15.6	306.69	35	3.84	47.53	
06/07/2024 06:20	19.45	6.35	124.77	15.25	15.29	1.74	21	14.83	47.82	15.6	306.69	35	3.98	48.06	
06/07/2024 06:25	19.45	6.35	124.77	15.25	15.07	1.58	20.83	14.82	47.82	15.6	306.69	34.48	3.61	47.64	
06/07/2024 06:30	19.45	6.35	124.77	15.25	15.13	1.7	21.06	14.82	47.82	15.6	306.69	34.6	3.9	48.16	
06/07/2024 06:35	19.45	6.35	124.77	15.25	15.25	1.68	21.04	14.82	47.82	15.6	306.69	34.89	3.85	48.13	
06/07/2024 06:40	19.45	6.35	124.77	15.25	15.24	1.71	20.81	14.82	47.82	15.6	306.69	34.87	3.91	47.61	
06/07/2024 06:45	19.45	6.35	124.77	15.25	15.14	1.67	20.89	14.83	47.82	15.6	306.69	34.64	3.82	47.79	
06/07/2024 06:50	19.45	6.35	124.77	15.25	15.22	1.67	20.81	14.82	47.82	15.6	306.69	34.78	3.82	47.56	
06/07/2024 06:55	19.45	6.35	124.77	15.25	15.12	1.63	20.79	14.82	47.82	15.6	306.69	34.56	3.73	47.54	
06/07/2024 07:00	19.45	6.35	124.77	15.25	15.31	1.67	20.37	14.83	47.82	15.6	306.69	35.03	3.82	46.62	
06/07/2024 07:05	19.45	6.35	124.77	15.25	15.11	1.61	20.55	14.83	47.82	15.6	306.69	34.58	3.68	47.05	
06/07/2024 07:10	19.45	6.35	124.77	15.25	15.32	1.78	20.89	14.82	47.82	15.6	306.69	35.03	4.08	47.78	
06/07/2024 07:15	19.45	6.35	124.77	15.25	15.11	1.49	20.59	14.82	47.82	15.6	306.69	34.52	3.41	47.06	
06/07/2024 07:20	19.45	6.35													



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/07/2024 08:55	19.45	6.35	124.77	15.25	15.53	1.39	21	14.81	47.82	15.6	306.69	35.42	3.18	47.91	
06/07/2024 09:00	19.45	6.35	124.77	15.25	15.25	1.23	20.91	14.8	47.82	15.6	306.69	34.73	2.81	47.62	
06/07/2024 09:05	19.45	6.35	124.77	15.25	15.44	1.27	20.5	14.8	47.82	15.6	306.69	35.19	2.89	46.73	
06/07/2024 09:10	19.45	6.35	124.77	15.25	15.54	1.33	20.43	14.8	47.82	15.6	306.69	35.41	3.02	46.53	
06/07/2024 09:15	19.45	6.35	124.77	15.25	15.39	1.18	20.7	14.8	47.82	15.6	306.69	35.07	2.69	47.15	
06/07/2024 09:20	19.45	6.35	124.77	15.25	15.47	1.19	20.64	14.8	47.82	15.6	306.69	35.24	2.71	47	
06/07/2024 09:25	19.45	6.35	124.77	15.25	15.38	1.18	20.52	14.79	47.82	15.6	306.69	35.02	2.69	46.72	
06/07/2024 09:30	19.45	6.35	124.77	15.25	15.4	1.12	20.65	14.79	47.82	15.6	306.69	35.05	2.55	46.99	
06/07/2024 09:35	19.45	6.35	124.77	15.25	15.42	1.15	20.52	14.79	47.82	15.6	306.69	35.08	2.6	46.66	
06/07/2024 09:40	19.45	6.35	124.77	15.25	15.38	1.03	20.64	14.78	47.82	15.6	306.69	34.97	2.35	46.92	
06/07/2024 09:45	19.45	6.35	124.77	15.25	15.49	0.99	20.45	14.78	47.82	15.6	306.69	35.16	2.24	46.43	
06/07/2024 09:50	19.45	6.35	124.77	15.25	15.4	1.01	20.66	14.78	47.82	15.6	306.69	34.95	2.29	46.87	
06/07/2024 09:55	19.45	6.35	124.77	15.25	15.35	0.95	20.43	14.78	47.82	15.6	306.69	34.83	2.15	46.36	
06/07/2024 10:00	19.45	6.35	124.77	15.25	15.51	0.97	20.3	14.78	47.82	15.6	306.69	35.2	2.21	46.07	
06/07/2024 10:05	19.45	6.35	124.77	15.25	15.43	0.85	20.28	14.77	47.82	15.6	306.69	34.97	1.93	45.96	
06/07/2024 10:10	19.45	6.35	124.77	15.25	15.33	0.91	20.55	14.76	47.82	15.6	306.69	34.71	2.06	46.51	
06/07/2024 10:15	19.45	6.35	124.77	15.25	15.58	0.98	20.4	14.76	47.82	15.6	306.69	35.25	2.22	46.15	
06/07/2024 10:20	19.45	6.35	124.77	15.25	15.48	0.84	20.26	14.75	47.82	15.6	306.69	35.01	1.89	45.81	
06/07/2024 10:25	19.45	6.35	124.77	15.25	15.7	0.98	19.89	14.76	47.82	15.6	306.69	35.52	2.22	44.99	
06/07/2024 10:30	19.45	6.35	124.77	15.25	15.36	0.73	19.72	14.76	47.82	15.6	306.69	34.74	1.66	44.6	
06/07/2024 10:35	19.45	6.35	124.77	15.25	15.77	0.96	19.88	14.75	47.82	15.6	306.69	35.65	2.17	44.95	
06/07/2024 10:40	19.45	6.35	124.77	15.25	15.39	0.64	20.11	14.75	47.82	15.6	306.69	34.77	1.46	45.42	
06/07/2024 10:45	19.45	6.35	124.77	15.25	15.4	0.7	20.19	14.74	47.82	15.6	306.69	34.76	1.59	45.57	
06/07/2024 10:50	19.45	6.35	124.77	15.25	15.68	0.85	20.04	14.74	47.82	15.6	306.69	35.39	1.91	45.25	
06/07/2024 10:55	19.45	6.35	124.77	15.25	15.38	0.58	20.46	14.74	47.82	15.6	306.69	34.7	1.3	46.18	
06/07/2024 11:00	19.45	6.35	124.77	15.25	15.34	0.65	20.39	14.74	47.82	15.6	306.69	34.61	1.46	46	
06/07/2024 11:05	19.45	6.35	124.77	15.25	15.49	0.77	20.62	14.73	47.82	15.6	306.69	34.9	1.73	46.47	
06/07/2024 11:10	19.45	6.35	124.77	15.25	15.48	0.6	20.96	14.73	47.82	15.6	306.69	34.86	1.34	47.18	
06/07/2024 11:15	19.45	6.35	124.77	15.25	15.44	0.57	20.39	14.72	47.82	15.6	306.69	34.75	1.29	45.9	
06/07/2024 11:20	19.45	6.35	124.77	15.25	15.58	0.7	20.52	14.72	47.82	15.6	306.69	35.03	1.58	46.15	
06/07/2024 11:25	19.45	6.35	124.77	15.25	15.7	0.81	20.78	14.72	47.82	15.6	306.69	35.3	1.81	46.74	
06/07/2024 11:30	19.45	6.35	124.77	15.25	15.46	0.51	20.66	14.72	47.82	15.6	306.69	34.77	1.14	46.45	
06/07/2024 11:35	19.45	6.35	124.77	15.25	15.1	0.3	20.5	14.71	47.82	15.6	306.69	33.91	0.67	46.03	
06/07/2024 11:40	19.45	6.35	124.77	15.25	15.45	0.5	20.79	14.71	47.82	15.6	306.69	34.67	1.13	46.65	
06/07/2024 11:45	19.45	6.35	124.77	15.25	15.6	0.66	20.52	14.7	47.82	15.6	306.69	35.01	1.48	46.04	
06/07/2024 11:50	19.45	6.35	124.77	15.25	15.65	0.72	20.93	14.71	47.82	15.6	306.69	35.17	1.62	47.04	
06/07/2024 11:55	19.45	6.35	124.77	15.25	15.74	0.64	20.94	14.72	47.82	15.6	306.69	35.41	1.44	47.11	
06/07/2024 12:00	19.45	6.35	124.77	15.25	15.19	0.17	20.38	14.71	47.82	15.6	306.69	34.14	0.39	45.8	
06/07/2024 12:05	19.45	6.35	124.77	15.25	15.24	0.34	20.29	14.7	47.82	15.6	306.69	34.19	0.77	45.51	
06/07/2024 12:10	19.45	6.35	124.77	15.25	15.06	0.1	20.15	14.7	47.82	15.6	306.69	33.77	0.23	45.2	
06/07/2024 12:15	19.45	6.35	124.77	15.25	15.09	0.06	20.69	14.69	47.82	15.6	306.69	33.8	0.14	46.33	
06/07/2024 12:20	19.45	6.35	124.77	15.25	14.82	0.01	20.74	14.69	47.82	15.6	306.69	33.17	0.03	46.41	
06/07/2024 12:25	19.45	6.35	124.77	15.25	14.88	0.06	21.19	14.7	47.82	15.6	306.69	33.35	0.14	47.5	
06/07/2024 12:30	19.45	6.35	124.77	15.25	14.86	0.05	20.64	14.7	47.82	15.6	306.69	33.32	0.11	46.28	
06/07/2024 12:35	19.45	6.35	124.77	15.25	15.02	0.15	20.73	14.71	47.82	15.6	306.69	33.71	0.34	46.52	
06/07/2024 12:40	19.45	6.35	124.77	15.25	15.32	0.36	20.67	14.7	47.82	15.6	306.69	34.35	0.8	46.36	
06/07/2024 12:45	19.45	6.35	124.77	15.25	14.89	0.07	20.51	14.7	47.82	15.6	306.69	33.4	0.16	45.99	
06/07/2024 12:50	19.45	6.35	124.77	15.25	15.34	0.42	21.11	14.7	47.82	15.6	306.69	34.43	0.95	47.36	
06/07/2024 12:55	19.45	6.35	124.77	15.25	14.99	0.17	21.11	14.71	47.82	15.6	306.69	33.63	0.38	47.37	
06/07/2024 13:00	19.45	6.35	124.77	15.25	15.11	0.25	20.84	14.71	47.82	15.6	306.69	33.92	0.57	46.79	
06/07/2024 13:05	19.45	6.35	124.77	15.25	15.09	0.21	21.18	14.71	47.82	15.6	306.69	33.88	0.48	47.57	
06/07/2024 13:10	19.45	6.35	124.77	15.25	15.16	0.35	21.14	14.71	47.82	15.6	306.69	34.06	0.8	47.48	
06/07/2024 13:15	19.45	6.35	124.77	15.25	15.2	0.4	21.39	14.72	47.82	15.6	306.69	34.17	0.9	48.11	
06/07/2024 13:20	19.45	6.35	124.77	15.25	15.13	0.4	20.98	14.72	47.82	15.6	306.69	34.02	0.9	47.18	
06/07/2024 13:25	19.45	6.35	124.77	15.25	15.19	0.27	20.73	14.72	47.82	15.6	306.69	34.14	0.61	46.59	
06/07/2024 13:30	19.45	6.35	124.77	15.25	15.37	0.49	20.8	14.72	47.82	15.6	306.69	34.55	1.11	46.76	
06/07/2024 13:35	19.45	6.35	124.77	15.25	15.15	0.42	21.44	14.72	47.82	15.6	306.69	34.07	0.94	48.22	
06/07/2024 13:40	19.45	6.35	124.77	15.25	15.35	0.66	21.69	14.72	47.82	15.6	306.69	34.52	1.49	48.76	
06/07/2024 13:45	19.45	6.35	124.77	15.25	15.13	0.31	21.53	14.72	47.82	15.6	306.69	34.01	0.71	48.4	
06/07/2024 13:50	19.45	6.35	124.77	15.25	15.33	0.54	21.98	14.72	47.82	15.6	306.69	34.49	1.21	49.46	
06/07/2024 13:55	19.45	6.35	124.77	15.25	15.11	0.37	22.54	14.73	47.82	15.6	306.69	34.02	0.83	50.74	
06/07/2024 14:00	19.45	6.35	124.77	15.25	15.32	0.61	22.63	14.73	47.82	15.6	306.69	34.49	1.38	50.96	
06/07/2024 14:05	19.45	6.35	124.77	15.25	15.07	0.41	22.32	14.72	47.82	15.6	306.69	33.9	0.92	50.21	
06/07/2024 14:10	19.45	6.35	124.77	15.25	15	0.38	22.5	14.72	47.82	15.6	306.69	33.75	0.86	50.63	
06/07/2024 14:15	19.45	6.35	124.77	15.25	15.13	0.39	22.46	14.72	47.82	15.6	306.69	34.05	0.88	50.54	
06/07/2024 14:20	19.45	6.35	124.77	15.25	15.22	0.57	22.59	14.73	47.82	15.6	306.69	34.26	1.28	50.86	
06/07/2024 14:25	19.45	6.35	124.77	15.25	15.09	0.43	22.91	14.73	47.82	15.6	306.69	33.98	0.97	51.6	
06/07/2024 14:30	19.45	6.35	124.77	15.25	15.17	0.55	23.25	14.73	47.82	15.6	306.69	34.2	1.25	52.39	
06/07/2024 14:35	19.45	6.35	124.77	15.25	15.12	0.49	23.25	14.73	47.82	15.6	306.69	34.07	1.1	52.36	
06/07/2024 14:40	19.45	6.35	124.77	15.25	15.13	0.46	22.91	14.73	47.82	15.6	306.69	34.06	1.04	51.59	
06/07/2024 14:45	19.45	6.35	124.77	15.25	15.02	0.38	22.58	14.73	47.82	15.6	306.69	33.85	0.85	50.89	
06/07/2024 14:50	19.45	6.35	124.77	15.25	15.32	0.59	21.3	14.74	47.82	15.6	306.69	34.56	1.33	48.06	
06/07/2024 14:55	19.45	6.35	124.77	15.25	15										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/07/2024 16:30	19.45	6.35	124.77	15.25	14.96	0.65	23.08	14.74	47.82	15.6	306.69	33.74	1.47	52.07	
06/07/2024 16:35	19.45	6.35	124.77	15.25	14.85	0.62	23.17	14.74	47.82	15.6	306.69	33.53	1.39	52.29	
06/07/2024 16:40	19.45	6.35	124.77	15.25	15.15	0.74	23.07	14.74	47.82	15.6	306.69	34.2	1.66	52.07	
06/07/2024 16:45	19.45	6.35	124.77	15.25	14.97	0.62	23.28	14.75	47.82	15.6	306.69	33.82	1.39	52.6	
06/07/2024 16:50	19.45	6.35	124.77	15.25	15.27	0.89	23.15	14.75	47.82	15.6	306.69	34.55	2.01	52.37	
06/07/2024 16:55	19.45	6.35	124.77	15.25	15.34	0.91	23.1	14.75	47.82	15.6	306.69	34.7	2.06	52.24	
06/07/2024 17:00	19.45	6.35	124.77	15.25	14.97	0.61	23.13	14.75	47.82	15.6	306.69	33.83	1.39	52.28	
06/07/2024 17:05	19.45	6.35	124.77	15.25	15.21	0.82	23.13	14.75	47.82	15.6	306.69	34.37	1.84	52.27	
06/07/2024 17:10	19.45	6.35	124.77	15.25	15.08	0.79	23.13	14.74	47.82	15.6	306.69	34.05	1.78	52.24	
06/07/2024 17:15	19.45	6.35	124.77	15.25	15.14	0.76	22.89	14.74	47.82	15.6	306.69	34.19	1.71	51.68	
06/07/2024 17:20	19.45	6.35	124.77	15.25	15.16	0.91	23.15	14.75	47.82	15.6	306.69	34.26	2.06	52.29	
06/07/2024 17:25	19.45	6.35	124.77	15.25	15.18	0.76	23	14.75	47.82	15.6	306.69	34.28	1.71	51.95	
06/07/2024 17:30	19.45	6.35	124.77	15.25	15.26	0.92	23.06	14.75	47.82	15.6	306.69	34.49	2.08	52.12	
06/07/2024 17:35	19.45	6.35	124.77	15.25	15.1	0.81	23.11	14.75	47.82	15.6	306.69	34.12	1.84	52.25	
06/07/2024 17:40	19.45	6.35	124.77	15.25	15.11	0.97	23.57	14.76	47.82	15.6	306.69	34.2	2.19	53.34	
06/07/2024 17:45	19.45	6.35	124.77	15.25	15.12	1.09	23.82	14.74	47.82	15.6	306.69	34.13	2.46	53.76	
06/07/2024 17:50	19.45	6.35	124.77	15.25	14.73	0.81	24.13	14.72	47.82	15.6	306.69	33.13	1.81	54.25	
06/07/2024 17:55	19.45	6.35	124.77	15.25	14.95	1.02	24.55	14.72	47.82	15.6	306.69	33.63	2.3	55.22	
06/07/2024 18:00	19.45	6.35	124.77	15.25	15	1.04	24.89	14.72	47.82	15.6	306.69	33.76	2.35	56.01	
06/07/2024 18:05	19.45	6.35	124.77	15.25	14.62	0.77	24.87	14.72	47.82	15.6	306.69	32.9	1.73	55.96	
06/07/2024 18:10	19.45	6.35	124.77	15.25	14.69	0.92	24.72	14.73	47.82	15.6	306.69	33.08	2.06	55.66	
06/07/2024 18:15	19.45	6.35	124.77	15.25	14.7	0.8	24.17	14.75	47.82	15.6	306.69	33.2	1.81	54.6	
06/07/2024 18:20	19.45	6.35	124.77	15.25	15	1.03	25.7	14.76	47.82	15.6	306.69	33.97	2.34	58.21	
06/07/2024 18:25	19.45	6.35	124.77	15.25	15	1.05	25.54	14.77	47.82	15.6	306.69	33.99	2.38	57.88	
06/07/2024 18:30	19.45	6.35	124.77	15.25	15.26	1.11	24.87	14.77	47.82	15.6	306.69	34.58	2.51	56.37	
06/07/2024 18:35	19.45	6.35	124.77	15.25	15.13	1	24.58	14.77	47.82	15.6	306.69	34.29	2.27	55.71	
06/07/2024 18:40	19.45	6.35	124.77	15.25	14.93	0.93	24.85	14.77	47.82	15.6	306.69	33.83	2.11	56.31	
06/07/2024 18:45	19.45	6.35	124.77	15.25	15.25	1.14	24.71	14.77	47.82	15.6	306.69	34.58	2.59	56.03	
06/07/2024 18:50	19.45	6.35	124.77	15.25	15.09	1.09	24.95	14.77	47.82	15.6	306.69	34.24	2.46	56.59	
06/07/2024 18:55	19.45	6.35	124.77	15.25	15.03	0.99	24.69	14.77	47.82	15.6	306.69	34.1	2.24	56.01	
06/07/2024 19:00	19.45	6.35	124.77	15.25	15	1.08	24.62	14.77	47.82	15.6	306.69	34.05	2.46	55.86	
06/07/2024 19:05	19.45	6.35	124.77	15.25	15.2	1.17	24.65	14.78	47.82	15.6	306.69	34.53	2.65	55.98	
06/07/2024 19:10	19.45	6.35	124.77	15.25	15.14	1.09	24.71	14.78	47.82	15.6	306.69	34.39	2.47	56.11	
06/07/2024 19:15	19.45	6.35	124.77	15.25	15.27	1.29	24.56	14.78	47.82	15.6	306.69	34.66	2.93	55.76	
06/07/2024 19:20	19.45	6.35	124.77	15.25	15.09	1.19	24.72	14.78	47.82	15.6	306.69	34.25	2.71	56.13	
06/07/2024 19:25	19.45	6.35	124.77	15.25	14.64	0.9	24.68	14.78	47.82	15.6	306.69	33.22	2.05	56.01	
06/07/2024 19:30	19.45	6.35	124.77	15.25	14.98	1.15	24.69	14.77	47.82	15.6	306.69	34	2.62	56.02	
06/07/2024 19:35	19.45	6.35	124.77	15.25	15.32	1.34	24.86	14.78	47.82	15.6	306.69	34.78	3.03	56.42	
06/07/2024 19:40	19.45	6.35	124.77	15.25	15.14	1.31	24.96	14.78	47.82	15.6	306.69	34.37	2.97	56.68	
06/07/2024 19:45	19.45	6.35	124.77	15.25	15.14	1.28	24.61	14.78	47.82	15.6	306.69	34.38	2.92	55.9	
06/07/2024 19:50	19.45	6.35	124.77	15.25	15.09	1.14	24.19	14.78	47.82	15.6	306.69	34.25	2.59	54.9	
06/07/2024 19:55	19.45	6.35	124.77	15.25	15.18	1.36	24.24	14.78	47.82	15.6	306.69	34.45	3.09	55.02	
06/07/2024 20:00	19.45	6.35	124.77	15.25	15.13	1.21	24.11	14.78	47.82	15.6	306.69	34.33	2.75	54.72	
06/07/2024 20:05	19.45	6.35	124.77	15.25	15.34	1.42	24.49	14.78	47.82	15.6	306.69	34.84	3.24	55.61	
06/07/2024 20:10	19.45	6.35	124.77	15.25	14.92	1.05	24.45	14.78	47.82	15.6	306.69	33.85	2.39	55.5	
06/07/2024 20:15	19.45	6.35	124.77	15.25	15.12	1.3	24.27	14.78	47.82	15.6	306.69	34.35	2.96	55.11	
06/07/2024 20:20	19.45	6.35	124.77	15.25	15.12	1.28	24.21	14.78	47.82	15.6	306.69	34.34	2.9	54.98	
06/07/2024 20:25	19.45	6.35	124.77	15.25	15.3	1.38	24.21	14.78	47.82	15.6	306.69	34.76	3.14	55	
06/07/2024 20:30	19.45	6.35	124.77	15.25	15.23	1.42	24.65	14.79	47.82	15.6	306.69	34.62	3.23	56.03	
06/07/2024 20:35	19.45	6.35	124.77	15.25	15.15	1.36	24.56	14.78	47.82	15.6	306.69	34.42	3.09	55.82	
06/07/2024 20:40	19.45	6.35	124.77	15.25	15.21	1.43	24.69	14.78	47.82	15.6	306.69	34.56	3.24	56.08	
06/07/2024 20:45	19.45	6.35	124.77	15.25	15.17	1.33	24.46	14.78	47.82	15.6	306.69	34.49	3.03	55.61	
06/07/2024 20:50	19.45	6.35	124.77	15.25	15.21	1.41	24.54	14.78	47.82	15.6	306.69	34.57	3.2	55.78	
06/07/2024 20:55	19.45	6.35	124.77	15.25	15.16	1.37	24.79	14.78	47.82	15.6	306.69	34.44	3.1	56.33	
06/07/2024 21:00	19.45	6.35	124.77	15.25	15.14	1.37	24.5	14.78	47.82	15.6	306.69	34.4	3.11	55.65	
06/07/2024 21:05	19.45	6.35	124.77	15.25	15.12	1.34	24.88	14.79	47.82	15.6	306.69	34.36	3.06	56.55	
06/07/2024 21:10	19.45	6.35	124.77	15.25	15.06	1.28	24.85	14.78	47.82	15.6	306.69	34.21	2.9	56.44	
06/07/2024 21:15	19.45	6.35	124.77	15.25	15.09	1.33	24.96	14.78	47.82	15.6	306.69	34.27	3.03	56.67	
06/07/2024 21:20	19.45	6.35	124.77	15.25	15.24	1.41	24.95	14.78	47.82	15.6	306.69	34.63	3.21	56.7	
06/07/2024 21:25	19.45	6.35	124.77	15.25	15.06	1.33	24.5	14.78	47.82	15.6	306.69	34.24	3.02	55.69	
06/07/2024 21:30	19.45	6.35	124.77	15.25	15.22	1.44	24.92	14.79	47.82	15.6	306.69	34.61	3.28	56.68	
06/07/2024 21:35	19.45	6.35	124.77	15.25	15.36	1.58	25.02	14.79	47.82	15.6	306.69	34.92	3.58	56.89	
06/07/2024 21:40	19.45	6.35	124.77	15.25	15.07	1.29	25.17	14.78	47.82	15.6	306.69	34.24	2.94	57.2	
06/07/2024 21:45	19.45	6.35	124.77	15.25	15.07	1.39	24.82	14.79	47.82	15.6	306.69	34.28	3.17	56.48	
06/07/2024 21:50	19.45	6.35	124.77	15.25	14.97	1.33	24.95	14.79	47.82	15.6	306.69	34.08	3.02	56.8	
06/07/2024 21:55	19.45	6.35	124.77	15.25	15.07	1.41	24.84	14.79	47.82	15.6	306.69	34.32	3.22	56.56	
06/07/2024 22:00	19.45	6.35	124.77	15.25	15.19	1.48	24.55	14.79	47.82	15.6	306.69	34.55	3.36	55.85	
06/07/2024 22:05	19.45	6.35	124.77	15.25	15.16	1.39	23.26	14.79	47.82	15.6	306.69	34.47	3.17	52.89	
06/07/2024 22:10	19.45	6.35	124.77	15.25	15.2	1.48	23.95	14.78	47.82	15.6	306.69	34.54	3.37	54.43	
06/07/2024 22:15	19.45	6.35	124.77	15.25	15.1	1.56	24.63	14.78	47.82	15.6	306.69	34.31	3.54	55.99	
06/07/2024 22:20	19.45	6.35	124.77	15.25	14.98	1.45	24.65	14.78	47.82	15.6	306.69	34.04	3.29	56.01	
06/07/2024 22:25	19.45	6.35	124.77	15.25	15.04	1.57	24.88	14.78	47.82	15.6	306.69	34.16	3.56	56.53	
06/07/2024 22:30	19.45	6.35	124.77	15.25	15.01										



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/07/2024 00:05	19.45	6.35	124.77	15.25	14.92	1.66	24.28	14.79	47.82	15.6	306.69	33.97	3.78	55.27	
07/07/2024 00:10	19.45	6.35	124.77	15.25	14.93	1.71	24.31	14.79	47.82	15.6	306.69	33.97	3.9	55.32	
07/07/2024 00:15	19.45	6.35	124.77	15.25	15	1.7	24.14	14.79	47.82	15.6	306.69	34.15	3.88	54.95	
07/07/2024 00:20	19.45	6.35	124.77	15.25	15.01	1.63	23.71	14.8	47.82	15.6	306.69	34.19	3.72	54.03	
07/07/2024 00:25	19.45	6.35	124.77	15.25	14.88	1.62	23.72	14.8	47.82	15.6	306.69	33.94	3.69	54.09	
07/07/2024 00:30	19.45	6.35	124.77	15.25	15.02	1.66	23.19	14.8	47.82	15.6	306.69	34.23	3.79	52.83	
07/07/2024 00:35	19.45	6.35	124.77	15.25	15.05	1.65	22.99	14.8	47.82	15.6	306.69	34.27	3.76	52.35	
07/07/2024 00:40	19.45	6.35	124.77	15.25	15.04	1.66	22.78	14.8	47.82	15.6	306.69	34.25	3.77	51.88	
07/07/2024 00:45	19.45	6.35	124.77	15.25	15.16	1.71	22.95	14.79	47.82	15.6	306.69	34.5	3.89	52.23	
07/07/2024 00:50	19.45	6.35	124.77	15.25	15.02	1.65	23.01	14.79	47.82	15.6	306.69	34.16	3.75	52.35	
07/07/2024 00:55	19.45	6.35	124.77	15.25	14.98	1.72	23.06	14.79	47.82	15.6	306.69	34.08	3.92	52.45	
07/07/2024 01:00	19.45	6.35	124.77	15.25	14.91	1.62	23.06	14.79	47.82	15.6	306.69	33.94	3.7	52.48	
07/07/2024 01:05	19.45	6.35	124.77	15.25	15.12	1.77	23.29	14.79	47.82	15.6	306.69	34.42	4.02	53	
07/07/2024 01:10	19.45	6.35	124.77	15.25	15.01	1.7	23.37	14.8	47.82	15.6	306.69	34.18	3.86	53.23	
07/07/2024 01:15	19.45	6.35	124.77	15.25	15.01	1.74	23.34	14.79	47.82	15.6	306.69	34.17	3.97	53.14	
07/07/2024 01:20	19.45	6.35	124.77	15.25	14.97	1.67	22.99	14.79	47.82	15.6	306.69	34.06	3.8	52.31	
07/07/2024 01:25	19.45	6.35	124.77	15.25	15.09	1.79	22.85	14.79	47.82	15.6	306.69	34.34	4.08	52	
07/07/2024 01:30	19.45	6.35	124.77	15.25	14.9	1.57	23	14.8	47.82	15.6	306.69	33.93	3.57	52.39	
07/07/2024 01:35	19.45	6.35	124.77	15.25	14.97	1.71	23.04	14.8	47.82	15.6	306.69	34.1	3.89	52.5	
07/07/2024 01:40	19.45	6.35	124.77	15.25	14.88	1.67	22.91	14.8	47.82	15.6	306.69	33.92	3.81	52.22	
07/07/2024 01:45	19.45	6.35	124.77	15.25	14.93	1.65	22.53	14.8	47.82	15.6	306.69	34.02	3.75	51.34	
07/07/2024 01:50	19.45	6.35	124.77	15.25	14.96	1.68	22.78	14.8	47.82	15.6	306.69	34.07	3.84	51.87	
07/07/2024 01:55	19.45	6.35	124.77	15.25	15.04	1.65	22.53	14.8	47.82	15.6	306.69	34.26	3.76	51.32	
07/07/2024 02:00	19.45	6.35	124.77	15.25	15.08	1.7	22.72	14.8	47.82	15.6	306.69	34.36	3.87	51.77	
07/07/2024 02:05	19.45	6.35	124.77	15.25	15.05	1.61	22.49	14.8	47.82	15.6	306.69	34.27	3.66	51.21	
07/07/2024 02:10	19.45	6.35	124.77	15.25	15.06	1.74	23.17	14.8	47.82	15.6	306.69	34.31	3.96	52.78	
07/07/2024 02:15	19.45	6.35	124.77	15.25	14.92	1.62	22.78	14.8	47.82	15.6	306.69	33.99	3.7	51.91	
07/07/2024 02:20	19.45	6.35	124.77	15.25	15	1.7	22.75	14.8	47.82	15.6	306.69	34.15	3.88	51.81	
07/07/2024 02:25	19.45	6.35	124.77	15.25	14.95	1.62	22.93	14.8	47.82	15.6	306.69	34.04	3.68	52.22	
07/07/2024 02:30	19.45	6.35	124.77	15.25	14.95	1.72	22.8	14.8	47.82	15.6	306.69	34.05	3.91	51.93	
07/07/2024 02:35	19.45	6.35	124.77	15.25	14.86	1.63	22.87	14.8	47.82	15.6	306.69	33.84	3.71	52.08	
07/07/2024 02:40	19.45	6.35	124.77	15.25	14.95	1.67	22.77	14.8	47.82	15.6	306.69	34.05	3.81	51.86	
07/07/2024 02:45	19.45	6.35	124.77	15.25	14.95	1.68	23.5	14.8	47.82	15.6	306.69	34.08	3.83	53.55	
07/07/2024 02:50	19.45	6.35	124.77	15.25	14.94	1.67	23.31	14.8	47.82	15.6	306.69	34.05	3.81	53.12	
07/07/2024 02:55	19.45	6.35	124.77	15.25	14.9	1.67	23.47	14.8	47.82	15.6	306.69	33.94	3.8	53.46	
07/07/2024 03:00	19.45	6.35	124.77	15.25	14.96	1.64	22.42	14.8	47.82	15.6	306.69	34.06	3.74	51.06	
07/07/2024 03:05	19.45	6.35	124.77	15.25	15.08	1.76	22.18	14.8	47.82	15.6	306.69	34.34	4.01	50.5	
07/07/2024 03:10	19.45	6.35	124.77	15.25	14.75	1.48	22.42	14.79	47.82	15.6	306.69	33.57	3.37	51.03	
07/07/2024 03:15	19.45	6.35	124.77	15.25	15	1.66	23.18	14.79	47.82	15.6	306.69	34.13	3.79	52.75	
07/07/2024 03:20	19.45	6.35	124.77	15.25	14.94	1.63	22.86	14.8	47.82	15.6	306.69	34.02	3.72	52.04	
07/07/2024 03:25	19.45	6.35	124.77	15.25	14.89	1.67	22.86	14.8	47.82	15.6	306.69	33.91	3.81	52.06	
07/07/2024 03:30	19.45	6.35	124.77	15.25	14.98	1.65	22.65	14.8	47.82	15.6	306.69	34.15	3.76	51.63	
07/07/2024 03:35	19.45	6.35	124.77	15.25	14.94	1.63	22.83	14.8	47.82	15.6	306.69	34.05	3.71	52.05	
07/07/2024 03:40	19.45	6.35	124.77	15.25	14.96	1.58	22.5	14.8	47.82	15.6	306.69	34.07	3.6	51.23	
07/07/2024 03:45	19.45	6.35	124.77	15.25	15.06	1.69	22.93	14.79	47.82	15.6	306.69	34.29	3.84	52.19	
07/07/2024 03:50	19.45	6.35	124.77	15.25	15.02	1.56	22.52	14.79	47.82	15.6	306.69	34.18	3.55	51.24	
07/07/2024 03:55	19.45	6.35	124.77	15.25	15.1	1.72	22.4	14.79	47.82	15.6	306.69	34.33	3.91	50.93	
07/07/2024 04:00	19.45	6.35	124.77	15.25	14.96	1.64	22.27	14.78	47.82	15.6	306.69	34.01	3.72	50.6	
07/07/2024 04:05	19.45	6.35	124.77	15.25	15.04	1.74	22.31	14.78	47.82	15.6	306.69	34.17	3.95	50.7	
07/07/2024 04:10	19.45	6.35	124.77	15.25	14.89	1.64	22.23	14.79	47.82	15.6	306.69	33.86	3.74	50.54	
07/07/2024 04:15	19.45	6.35	124.77	15.25	15.02	1.72	22.51	14.79	47.82	15.6	306.69	34.16	3.92	51.19	
07/07/2024 04:20	19.45	6.35	124.77	15.25	14.98	1.67	22.49	14.79	47.82	15.6	306.69	34.08	3.8	51.15	
07/07/2024 04:25	19.45	6.35	124.77	15.25	14.99	1.71	22.12	14.79	47.82	15.6	306.69	34.1	3.89	50.33	
07/07/2024 04:30	19.45	6.35	124.77	15.25	15.07	1.69	22.55	14.79	47.82	15.6	306.69	34.29	3.85	51.32	
07/07/2024 04:35	19.45	6.35	124.77	15.25	15	1.67	22.12	14.8	47.82	15.6	306.69	34.16	3.8	50.38	
07/07/2024 04:40	19.45	6.35	124.77	15.25	14.98	1.71	22.4	14.8	47.82	15.6	306.69	34.15	3.89	51.05	
07/07/2024 04:45	19.45	6.35	124.77	15.25	14.95	1.67	22.17	14.8	47.82	15.6	306.69	34.08	3.82	50.53	
07/07/2024 04:50	19.45	6.35	124.77	15.25	14.88	1.74	22.72	14.8	47.82	15.6	306.69	33.92	3.97	51.81	
07/07/2024 04:55	19.45	6.35	124.77	15.25	15.01	1.66	22.43	14.8	47.82	15.6	306.69	34.21	3.78	51.12	
07/07/2024 05:00	19.45	6.35	124.77	15.25	14.87	1.75	22.4	14.8	47.82	15.6	306.69	33.87	3.98	51.03	
07/07/2024 05:05	19.45	6.35	124.77	15.25	14.77	1.62	22.72	14.8	47.82	15.6	306.69	33.66	3.7	51.76	
07/07/2024 05:10	19.45	6.35	124.77	15.25	14.91	1.8	23.81	14.8	47.82	15.6	306.69	33.98	4.09	54.26	
07/07/2024 05:15	19.45	6.35	124.77	15.25	14.93	1.68	22.9	14.8	47.82	15.6	306.69	34.04	3.84	52.2	
07/07/2024 05:20	19.45	6.35	124.77	15.25	14.89	1.8	24.02	14.8	47.82	15.6	306.69	33.93	4.1	54.75	
07/07/2024 05:25	19.45	6.35	124.77	15.25	14.81	1.73	24.45	14.8	47.82	15.6	306.69	33.76	3.94	55.73	
07/07/2024 05:30	19.45	6.35	124.77	15.25	14.98	1.75	23.59	14.8	47.82	15.6	306.69	34.15	3.98	53.78	
07/07/2024 05:35	19.45	6.35	124.77	15.25	14.96	1.72	23.18	14.8	47.82	15.6	306.69	34.1	3.91	52.85	
07/07/2024 05:40	19.45	6.35	124.77	15.25	14.94	1.73	23.38	14.8	47.82	15.6	306.69	34.05	3.94	53.28	
07/07/2024 05:45	19.45	6.35	124.77	15.25	15.06	1.71	23.22	14.8	47.82	15.6	306.69	34.32	3.91	52.92	
07/07/2024 05:50	19.45	6.35	124.77	15.25	14.81	1.65	22.8	14.8	47.82	15.6	306.69	33.76	3.76	51.98	
07/07/2024 05:55	19.45	6.35	124.77	15.25	15.04	1.79	22.86	14.81	47.82	15.6	306.69	34.31	4.08	52.15	
07/07/2024 06:00	19.45	6.35	124.77	15.25	14.9	1.64	23.62	14.81	47.82	15.6	306.69	34	3.74	53.88	
07/07/2024 06:05	19.45	6.35	124.77	15.25	15.03	1.78	23.12	14.8	4						



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/07/2024 07:40	19.45	6.35	124.77	15.25	15.1	1.63	24.2	14.79	47.82	15.6	306.69	34.37	3.71	55.1	
07/07/2024 07:45	19.45	6.35	124.77	15.25	15.17	1.61	23.96	14.8	47.82	15.6	306.69	34.57	3.68	54.59	
07/07/2024 07:50	19.45	6.35	124.77	15.25	15.34	1.71	24.06	14.8	47.82	15.6	306.69	34.95	3.89	54.8	
07/07/2024 07:55	19.45	6.35	124.77	15.25	15.26	1.57	23.85	14.8	47.82	15.6	306.69	34.75	3.58	54.33	
07/07/2024 08:00	19.45	6.35	124.77	15.25	15.17	1.57	23.87	14.79	47.82	15.6	306.69	34.53	3.58	54.33	
07/07/2024 08:05	19.45	6.35	124.77	15.25	15.2	1.58	22.75	14.8	47.82	15.6	306.69	34.61	3.59	51.82	
07/07/2024 08:10	19.45	6.35	124.77	15.25	15.16	1.58	23.8	14.79	47.82	15.6	306.69	34.49	3.58	54.14	
07/07/2024 08:15	19.45	6.35	124.77	15.25	15.25	1.58	22.47	14.79	47.82	15.6	306.69	34.7	3.6	51.12	
07/07/2024 08:20	19.45	6.35	124.77	15.25	15.15	1.46	22.43	14.79	47.82	15.6	306.69	34.48	3.33	51.07	
07/07/2024 08:25	19.45	6.35	124.77	15.25	15.1	1.43	22.39	14.79	47.82	15.6	306.69	34.37	3.26	50.98	
07/07/2024 08:30	19.45	6.35	124.77	15.25	15.15	1.44	21.97	14.79	47.82	15.6	306.69	34.43	3.27	49.93	
07/07/2024 08:35	19.45	6.35	124.77	15.25	15.3	1.48	21.67	14.78	47.82	15.6	306.69	34.76	3.37	49.23	
07/07/2024 08:40	19.45	6.35	124.77	15.25	15.25	1.38	21.79	14.79	47.82	15.6	306.69	34.66	3.14	49.52	
07/07/2024 08:45	19.45	6.35	124.77	15.25	15.38	1.46	21.82	14.78	47.82	15.6	306.69	34.93	3.32	49.57	
07/07/2024 08:50	19.45	6.35	124.77	15.25	15.14	1.37	22.18	14.78	47.82	15.6	306.69	34.41	3.11	50.41	
07/07/2024 08:55	19.45	6.35	124.77	15.25	15.17	1.34	22.07	14.78	47.82	15.6	306.69	34.46	3.04	50.12	
07/07/2024 09:00	19.45	6.35	124.77	15.25	15.05	1.41	22.83	14.78	47.82	15.6	306.69	34.16	3.19	51.83	
07/07/2024 09:05	19.45	6.35	124.77	15.25	15.19	1.38	22.13	14.78	47.82	15.6	306.69	34.49	3.12	50.24	
07/07/2024 09:10	19.45	6.35	124.77	15.25	15.15	1.25	21.86	14.77	47.82	15.6	306.69	34.36	2.84	49.56	
07/07/2024 09:15	19.45	6.35	124.77	15.25	15.12	1.3	22.17	14.77	47.82	15.6	306.69	34.27	2.95	50.25	
07/07/2024 09:20	19.45	6.35	124.77	15.25	15.14	1.32	22.89	14.77	47.82	15.6	306.69	34.32	2.99	51.89	
07/07/2024 09:25	19.45	6.35	124.77	15.25	15.23	1.27	22.5	14.77	47.82	15.6	306.69	34.52	2.88	51	
07/07/2024 09:30	19.45	6.35	124.77	15.25	15.05	1.09	22.49	14.76	47.82	15.6	306.69	34.09	2.48	50.94	
07/07/2024 09:35	19.45	6.35	124.77	15.25	15.32	1.26	22.52	14.76	47.82	15.6	306.69	34.72	2.85	51.02	
07/07/2024 09:40	19.45	6.35	124.77	15.25	15.1	1.15	22.23	14.76	47.82	15.6	306.69	34.18	2.6	50.32	
07/07/2024 09:45	19.45	6.35	124.77	15.25	15.05	1.08	21.9	14.75	47.82	15.6	306.69	34.02	2.44	49.51	
07/07/2024 09:50	19.45	6.35	124.77	15.25	15.14	1.07	22.1	14.75	47.82	15.6	306.69	34.22	2.43	49.96	
07/07/2024 09:55	19.45	6.35	124.77	15.25	15.14	1.13	22.31	14.75	47.82	15.6	306.69	34.22	2.54	50.42	
07/07/2024 10:00	19.45	6.35	124.77	15.25	15.31	1.13	21.9	14.75	47.82	15.6	306.69	34.57	2.54	49.47	
07/07/2024 10:05	19.45	6.35	124.77	15.25	15.15	0.95	22.09	14.74	47.82	15.6	306.69	34.21	2.15	49.86	
07/07/2024 10:10	19.45	6.35	124.77	15.25	15.12	0.98	21.85	14.74	47.82	15.6	306.69	34.12	2.22	49.3	
07/07/2024 10:15	19.45	6.35	124.77	15.25	15.16	0.92	21.72	14.74	47.82	15.6	306.69	34.2	2.08	49.02	
07/07/2024 10:20	19.45	6.35	124.77	15.25	15.33	1.06	21.65	14.74	47.82	15.6	306.69	34.59	2.39	48.84	
07/07/2024 10:25	19.45	6.35	124.77	15.25	15.11	0.81	21.71	14.73	47.82	15.6	306.69	34.04	1.84	48.91	
07/07/2024 10:30	19.45	6.35	124.77	15.25	15	0.88	22.09	14.73	47.82	15.6	306.69	33.77	1.98	49.74	
07/07/2024 10:35	19.45	6.35	124.77	15.25	15.08	0.8	21.82	14.72	47.82	15.6	306.69	33.9	1.81	49.08	
07/07/2024 10:40	19.45	6.35	124.77	15.25	15.04	0.77	21.85	14.71	47.82	15.6	306.69	33.79	1.73	49.1	
07/07/2024 10:45	19.45	6.35	124.77	15.25	15.13	0.85	22.02	14.71	47.82	15.6	306.69	33.95	1.92	49.43	
07/07/2024 10:50	19.45	6.35	124.77	15.25	15.04	0.63	22.43	14.7	47.82	15.6	306.69	33.73	1.41	50.31	
07/07/2024 10:55	19.45	6.35	124.77	15.25	15.36	0.82	21.91	14.7	47.82	15.6	306.69	34.44	1.84	49.14	
07/07/2024 11:00	19.45	6.35	124.77	15.25	15.3	0.87	22	14.7	47.82	15.6	306.69	34.29	1.95	49.31	
07/07/2024 11:05	19.45	6.35	124.77	15.25	15.02	0.49	22.08	14.68	47.82	15.6	306.69	33.58	1.1	49.37	
07/07/2024 11:10	19.45	6.35	124.77	15.25	15.22	0.72	22.69	14.68	47.82	15.6	306.69	34.02	1.61	50.72	
07/07/2024 11:15	19.45	6.35	124.77	15.25	15.33	0.89	22.26	14.67	47.82	15.6	306.69	34.23	2	49.69	
07/07/2024 11:20	19.45	6.35	124.77	15.25	15.49	0.85	21.89	14.67	47.82	15.6	306.69	34.56	1.9	48.83	
07/07/2024 11:25	19.45	6.35	124.77	15.25	15.04	0.4	21.5	14.67	47.82	15.6	306.69	33.52	0.88	47.93	
07/07/2024 11:30	19.45	6.35	124.77	15.25	15.31	0.55	20.97	14.66	47.82	15.6	306.69	34.12	1.22	46.73	
07/07/2024 11:35	19.45	6.35	124.77	15.25	15.55	0.7	21.28	14.66	47.82	15.6	306.69	34.64	1.57	47.39	
07/07/2024 11:40	19.45	6.35	124.77	15.25	15.37	0.57	21.43	14.66	47.82	15.6	306.69	34.22	1.26	47.71	
07/07/2024 11:45	19.45	6.35	124.77	15.25	15.01	0.24	21.35	14.65	47.82	15.6	306.69	33.37	0.52	47.47	
07/07/2024 11:50	19.45	6.35	124.77	15.25	15.14	0.47	21.72	14.65	47.82	15.6	306.69	33.66	1.04	48.29	
07/07/2024 11:55	19.45	6.35	124.77	15.25	15.51	0.65	21.25	14.65	47.82	15.6	306.69	34.47	1.44	47.22	
07/07/2024 12:00	19.45	6.35	124.77	15.25	15.58	0.73	22	14.65	47.82	15.6	306.69	34.63	1.62	48.9	
07/07/2024 12:05	19.45	6.35	124.77	15.25	14.98	0.27	21.66	14.64	47.82	15.6	306.69	33.27	0.6	48.1	
07/07/2024 12:10	19.45	6.35	124.77	15.25	15.02	0.3	21.39	14.64	47.82	15.6	306.69	33.35	0.67	47.51	
07/07/2024 12:15	19.45	6.35	124.77	15.25	15.27	0.51	21.96	14.64	47.82	15.6	306.69	33.9	1.12	48.77	
07/07/2024 12:20	19.45	6.35	124.77	15.25	15.4	0.62	21.8	14.64	47.82	15.6	306.69	34.22	1.38	48.44	
07/07/2024 12:25	19.45	6.35	124.77	15.25	15.62	0.68	21.37	14.65	47.82	15.6	306.69	34.74	1.5	47.55	
07/07/2024 12:30	19.45	6.35	124.77	15.25	15.54	0.46	21.41	14.66	47.82	15.6	306.69	34.62	1.03	47.69	
07/07/2024 12:35	19.45	6.35	124.77	15.25	15.06	0.14	21.42	14.65	47.82	15.6	306.69	33.49	0.3	47.65	
07/07/2024 12:40	19.45	6.35	124.77	15.25	15.11	0.32	21.55	14.64	47.82	15.6	306.69	33.55	0.71	47.85	
07/07/2024 12:45	19.45	6.35	124.77	15.25	15.35	0.49	21.62	14.63	47.82	15.6	306.69	34.04	1.08	47.96	
07/07/2024 12:50	19.45	6.35	124.77	15.25	15.54	0.58	21.67	14.63	47.82	15.6	306.69	34.46	1.3	48.07	
07/07/2024 12:55	19.45	6.35	124.77	15.25	15.65	0.65	21.75	14.64	47.82	15.6	306.69	34.74	1.45	48.28	
07/07/2024 13:00	19.45	6.35	124.77	15.25	15.68	0.67	21.68	14.65	47.82	15.6	306.69	34.88	1.5	48.23	
07/07/2024 13:05	19.45	6.35	124.77	15.25	15.51	0.42	21.45	14.65	47.82	15.6	306.69	34.51	0.94	47.74	
07/07/2024 13:10	19.45	6.35	124.77	15.25	15.08	0.08	21.57	14.64	47.82	15.6	306.69	33.5	0.18	47.94	
07/07/2024 13:15	19.45	6.35	124.77	15.25	15.16	0.3	21.98	14.64	47.82	15.6	306.69	33.65	0.67	48.77	
07/07/2024 13:20	19.45	6.35	124.77	15.25	14.74	0.07	22.16	14.63	47.82	15.6	306.69	32.67	0.15	49.13	
07/07/2024 13:25	19.45	6.35	124.77	15.25	14.54	0.01	22.47	14.63	47.82	15.6	306.69	32.23	0.03	49.82	
07/07/2024 13:30	19.45	6.35	124.77	15.25	14.82	0.08	22.52	14.63	47.82	15.6	306.69	32.85	0.18	49.91	
07/07/2024 13:35	19.45	6.35	124.77	15.25	14.37	0	22.08	14.63	47.82	15.6	306.69	31.84	0	48.95	
07/07/2024 13:40	19.45	6.35	124.77	15.25											



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/07/2024 15:15	19.45	6.35	124.77	15.25	14.44	0	22.29	14.65	47.82	15.6	306.69	32.11	0	49.56	
07/07/2024 15:20	19.45	6.35	124.77	15.25	14.57	0.01	21.69	14.65	47.82	15.6	306.69	32.42	0.02	48.25	
07/07/2024 15:25	19.45	6.35	124.77	15.25	14.43	0	21.78	14.65	47.82	15.6	306.69	32.11	0	48.47	
07/07/2024 15:30	19.45	6.35	124.77	15.25	14.47	0	21.79	14.65	47.82	15.6	306.69	32.2	0	48.49	
07/07/2024 15:35	19.45	6.35	124.77	15.25	14.42	0.04	22.09	14.66	47.82	15.6	306.69	32.11	0.09	49.2	
07/07/2024 15:40	19.45	6.35	124.77	15.25	14.64	0.05	22.09	14.66	47.82	15.6	306.69	32.61	0.12	49.21	
07/07/2024 15:45	19.45	6.35	124.77	15.25	14.58	0.1	22.14	14.66	47.82	15.6	306.69	32.5	0.23	49.34	
07/07/2024 15:50	19.45	6.35	124.77	15.25	14.55	0.02	21.95	14.66	47.82	15.6	306.69	32.44	0.04	48.92	
07/07/2024 15:55	19.45	6.35	124.77	15.25	14.77	0.22	21.99	14.67	47.82	15.6	306.69	32.93	0.5	49.05	
07/07/2024 16:00	19.45	6.35	124.77	15.25	14.79	0.18	21.92	14.67	47.82	15.6	306.69	33.01	0.41	48.92	
07/07/2024 16:05	19.45	6.35	124.77	15.25	14.96	0.39	21.98	14.67	47.82	15.6	306.69	33.38	0.87	49.06	
07/07/2024 16:10	19.45	6.35	124.77	15.25	14.96	0.27	21.61	14.67	47.82	15.6	306.69	33.37	0.61	48.2	
07/07/2024 16:15	19.45	6.35	124.77	15.25	15	0.35	21.46	14.67	47.82	15.6	306.69	33.45	0.77	47.87	
07/07/2024 16:20	19.45	6.35	124.77	15.25	14.82	0.29	21.5	14.67	47.82	15.6	306.69	33.06	0.64	47.96	
07/07/2024 16:25	19.45	6.35	124.77	15.25	14.83	0.38	21.83	14.67	47.82	15.6	306.69	33.08	0.85	48.7	
07/07/2024 16:30	19.45	6.35	124.77	15.25	14.85	0.45	22.3	14.68	47.82	15.6	306.69	33.17	1.01	49.81	
07/07/2024 16:35	19.45	6.35	124.77	15.25	15.01	0.61	21.83	14.68	47.82	15.6	306.69	33.57	1.36	48.82	
07/07/2024 16:40	19.45	6.35	124.77	15.25	14.8	0.33	21.12	14.68	47.82	15.6	306.69	33.09	0.73	47.21	
07/07/2024 16:45	19.45	6.35	124.77	15.25	15.29	0.66	21.35	14.68	47.82	15.6	306.69	34.19	1.47	47.72	
07/07/2024 16:50	19.45	6.35	124.77	15.25	14.93	0.46	21.67	14.68	47.82	15.6	306.69	33.35	1.03	48.39	
07/07/2024 16:55	19.45	6.35	124.77	15.25	15.04	0.69	22.16	14.68	47.82	15.6	306.69	33.61	1.54	49.54	
07/07/2024 17:00	19.45	6.35	124.77	15.25	14.82	0.65	22.77	14.69	47.82	15.6	306.69	33.16	1.46	50.95	
07/07/2024 17:05	19.45	6.35	124.77	15.25	14.89	0.72	22.73	14.69	47.82	15.6	306.69	33.35	1.61	50.9	
07/07/2024 17:10	19.45	6.35	124.77	15.25	14.93	0.64	22.44	14.69	47.82	15.6	306.69	33.43	1.43	50.25	
07/07/2024 17:15	19.45	6.35	124.77	15.25	14.98	0.69	22.42	14.7	47.82	15.6	306.69	33.57	1.55	50.25	
07/07/2024 17:20	19.45	6.35	124.77	15.25	14.96	0.77	22.62	14.7	47.82	15.6	306.69	33.53	1.73	50.7	
07/07/2024 17:25	19.45	6.35	124.77	15.25	14.99	0.95	22.98	14.7	47.82	15.6	306.69	33.62	2.12	51.56	
07/07/2024 17:30	19.45	6.35	124.77	15.25	15.03	0.79	22.77	14.71	47.82	15.6	306.69	33.73	1.78	51.09	
07/07/2024 17:35	19.45	6.35	124.77	15.25	15.1	0.91	22.16	14.7	47.82	15.6	306.69	33.87	2.05	49.7	
07/07/2024 17:40	19.45	6.35	124.77	15.25	14.86	0.89	22.55	14.67	47.82	15.6	306.69	33.17	2	50.35	
07/07/2024 17:45	19.45	6.35	124.77	15.25	14.64	0.75	23.02	14.67	47.82	15.6	306.69	32.68	1.68	51.38	
07/07/2024 17:50	19.45	6.35	124.77	15.25	14.81	0.85	23.51	14.67	47.82	15.6	306.69	33.06	1.89	52.47	
07/07/2024 17:55	19.45	6.35	124.77	15.25	15.01	1.07	23.39	14.68	47.82	15.6	306.69	33.53	2.4	52.25	
07/07/2024 18:00	19.45	6.35	124.77	15.25	14.92	0.99	23	14.68	47.82	15.6	306.69	33.35	2.22	51.39	
07/07/2024 18:05	19.45	6.35	124.77	15.25	14.98	0.98	22.64	14.68	47.82	15.6	306.69	33.5	2.2	50.63	
07/07/2024 18:10	19.45	6.35	124.77	15.25	14.92	0.82	22.2	14.72	47.82	15.6	306.69	33.53	1.85	49.9	
07/07/2024 18:15	19.45	6.35	124.77	15.25	14.97	1	23.06	14.72	47.82	15.6	306.69	33.68	2.26	51.88	
07/07/2024 18:20	19.45	6.35	124.77	15.25	15.27	1.15	23.14	14.72	47.82	15.6	306.69	34.36	2.58	52.08	
07/07/2024 18:25	19.45	6.35	124.77	15.25	15.23	1.15	22.96	14.72	47.82	15.6	306.69	34.24	2.59	51.64	
07/07/2024 18:30	19.45	6.35	124.77	15.25	14.98	0.98	23.03	14.72	47.82	15.6	306.69	33.69	2.21	51.81	
07/07/2024 18:35	19.45	6.35	124.77	15.25	15.21	1.2	23.24	14.72	47.82	15.6	306.69	34.22	2.7	52.29	
07/07/2024 18:40	19.45	6.35	124.77	15.25	15.17	1.19	23.5	14.72	47.82	15.6	306.69	34.12	2.68	52.85	
07/07/2024 18:45	19.45	6.35	124.77	15.25	15	1.09	23.53	14.72	47.82	15.6	306.69	33.74	2.45	52.91	
07/07/2024 18:50	19.45	6.35	124.77	15.25	15.23	1.25	23.41	14.72	47.82	15.6	306.69	34.27	2.82	52.68	
07/07/2024 18:55	19.45	6.35	124.77	15.25	14.87	0.94	23.84	14.73	47.82	15.6	306.69	33.47	2.11	53.67	
07/07/2024 19:00	19.45	6.35	124.77	15.25	15.32	1.37	23.69	14.73	47.82	15.6	306.69	34.51	3.08	53.38	
07/07/2024 19:05	19.45	6.35	124.77	15.25	14.95	1.04	23.62	14.72	47.82	15.6	306.69	33.66	2.34	53.15	
07/07/2024 19:10	19.45	6.35	124.77	15.25	14.86	1	23.54	14.72	47.82	15.6	306.69	33.44	2.24	52.97	
07/07/2024 19:15	19.45	6.35	124.77	15.25	15.36	1.4	23.7	14.72	47.82	15.6	306.69	34.56	3.14	53.35	
07/07/2024 19:20	19.45	6.35	124.77	15.25	15.01	1.14	23.75	14.73	47.82	15.6	306.69	33.79	2.56	53.47	
07/07/2024 19:25	19.45	6.35	124.77	15.25	15.01	1.12	23.76	14.72	47.82	15.6	306.69	33.79	2.52	53.47	
07/07/2024 19:30	19.45	6.35	124.77	15.25	15.07	1.24	23.63	14.73	47.82	15.6	306.69	33.94	2.8	53.22	
07/07/2024 19:35	19.45	6.35	124.77	15.25	15.11	1.2	23.64	14.73	47.82	15.6	306.69	34.03	2.69	53.25	
07/07/2024 19:40	19.45	6.35	124.77	15.25	15.19	1.34	23.57	14.73	47.82	15.6	306.69	34.24	3.01	53.12	
07/07/2024 19:45	19.45	6.35	124.77	15.25	15.02	1.16	23.19	14.73	47.82	15.6	306.69	33.87	2.61	52.28	
07/07/2024 19:50	19.45	6.35	124.77	15.25	15.58	1.54	23.4	14.74	47.82	15.6	306.69	35.12	3.47	52.77	
07/07/2024 19:55	19.45	6.35	124.77	15.25	14.9	1.01	23.35	14.73	47.82	15.6	306.69	33.58	2.27	52.63	
07/07/2024 20:00	19.45	6.35	124.77	15.25	15.38	1.33	23	14.74	47.82	15.6	306.69	34.68	3	51.87	
07/07/2024 20:05	19.45	6.35	124.77	15.25	15.35	1.36	22.47	14.74	47.82	15.6	306.69	34.65	3.08	50.7	
07/07/2024 20:10	19.45	6.35	124.77	15.25	15.42	1.32	22.76	14.74	47.82	15.6	306.69	34.79	2.98	51.35	
07/07/2024 20:15	19.45	6.35	124.77	15.25	15.44	1.44	23.18	14.74	47.82	15.6	306.69	34.82	3.24	52.29	
07/07/2024 20:20	19.45	6.35	124.77	15.25	15.12	1.15	23.17	14.74	47.82	15.6	306.69	34.1	2.6	52.28	
07/07/2024 20:25	19.45	6.35	124.77	15.25	15.15	1.3	23.22	14.74	47.82	15.6	306.69	34.16	2.92	52.39	
07/07/2024 20:30	19.45	6.35	124.77	15.25	15.04	1.19	23.38	14.74	47.82	15.6	306.69	33.93	2.69	52.74	
07/07/2024 20:35	19.45	6.35	124.77	15.25	15.1	1.33	23.7	14.74	47.82	15.6	306.69	34.08	2.99	53.5	
07/07/2024 20:40	19.45	6.35	124.77	15.25	14.95	1.28	23.99	14.74	47.82	15.6	306.69	33.73	2.89	54.13	
07/07/2024 20:45	19.45	6.35	124.77	15.25	14.94	1.28	23.97	14.74	47.82	15.6	306.69	33.71	2.89	54.09	
07/07/2024 20:50	19.45	6.35	124.77	15.25	15.04	1.42	23.86	14.74	47.82	15.6	306.69	33.93	3.19	53.85	
07/07/2024 20:55	19.45	6.35	124.77	15.25	14.82	1.15	23.82	14.74	47.82	15.6	306.69	33.43	2.59	53.73	
07/07/2024 21:00	19.45	6.35	124.77	15.25	14.96	1.27	23.83	14.73	47.82	15.6	306.69	33.74	2.86	53.72	
07/07/2024 21:05	19.45	6.35	124.77	15.25	15.09	1.38	23.8	14.74	47.82	15.6	306.69	34.02	3.12	53.66	
07/07/2024 21:10	19.45	6.35	124.77	15.25	15	1.33	23.87	14.74	47.82	15.6	306.69	33.83	3	53.85	
07/07/2024 21:15	19.45	6.35	124.77	15.25	15.16	1.44	23.83	14.73							



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/07/2024 22:50	19.45	6.35	124.77	15.25	15.15	1.41	23.91	14.74	47.82	15.6	306.69	34.19	3.18	53.96	
07/07/2024 22:55	19.45	6.35	124.77	15.25	15.13	1.52	23.73	14.74	47.82	15.6	306.69	34.15	3.42	53.56	
07/07/2024 23:00	19.45	6.35	124.77	15.25	15.03	1.42	23.68	14.74	47.82	15.6	306.69	33.94	3.2	53.48	
07/07/2024 23:05	19.45	6.35	124.77	15.25	15.01	1.35	23.74	14.74	47.82	15.6	306.69	33.89	3.05	53.61	
07/07/2024 23:10	19.45	6.35	124.77	15.25	15.07	1.48	23.69	14.75	47.82	15.6	306.69	34.04	3.33	53.5	
07/07/2024 23:15	19.45	6.35	124.77	15.25	15.08	1.47	23.9	14.75	47.82	15.6	306.69	34.06	3.33	53.97	
07/07/2024 23:20	19.45	6.35	124.77	15.25	15.15	1.5	23.39	14.74	47.82	15.6	306.69	34.2	3.39	52.82	
07/07/2024 23:25	19.45	6.35	124.77	15.25	15.07	1.4	23.48	14.75	47.82	15.6	306.69	34.04	3.16	53.05	
07/07/2024 23:30	19.45	6.35	124.77	15.25	15.12	1.47	23.17	14.74	47.82	15.6	306.69	34.14	3.32	52.3	
07/07/2024 23:35	19.45	6.35	124.77	15.25	15.13	1.41	23.08	14.74	47.82	15.6	306.69	34.16	3.18	52.12	
07/07/2024 23:40	19.45	6.35	124.77	15.25	15.25	1.51	23.11	14.74	47.82	15.6	306.69	34.42	3.41	52.17	
07/07/2024 23:45	19.45	6.35	124.77	15.25	15.3	1.51	23.16	14.74	47.82	15.6	306.69	34.53	3.41	52.29	
07/07/2024 23:50	19.45	6.35	124.77	15.25	15.09	1.39	23.21	14.74	47.82	15.6	306.69	34.05	3.14	52.38	
07/07/2024 23:55	19.45	6.35	124.77	15.25	15.16	1.44	23.27	14.75	47.82	15.6	306.69	34.24	3.24	52.55	
08/07/2024 00:00	19.45	6.35	124.77	15.25	15.2	1.5	23.23	14.74	47.82	15.6	306.69	34.33	3.38	52.46	
08/07/2024 00:05	19.45	6.35	124.77	15.25	15.2	1.46	23.32	14.75	47.82	15.6	306.69	34.34	3.3	52.67	
08/07/2024 00:10	19.45	6.35	124.77	15.25	15.16	1.44	23.4	14.75	47.82	15.6	306.69	34.24	3.26	52.85	
08/07/2024 00:15	19.45	6.35	124.77	15.25	15.12	1.48	23.14	14.74	47.82	15.6	306.69	34.12	3.34	52.22	
08/07/2024 00:20	19.45	6.35	124.77	15.25	15.12	1.43	23.15	14.75	47.82	15.6	306.69	34.14	3.23	52.29	
08/07/2024 00:25	19.45	6.35	124.77	15.25	15.18	1.51	23.12	14.75	47.82	15.6	306.69	34.3	3.41	52.24	
08/07/2024 00:30	19.45	6.35	124.77	15.25	15.12	1.38	22.78	14.75	47.82	15.6	306.69	34.15	3.11	51.44	
08/07/2024 00:35	19.45	6.35	124.77	15.25	15.18	1.56	23.05	14.74	47.82	15.6	306.69	34.27	3.51	52.05	
08/07/2024 00:40	19.45	6.35	124.77	15.25	15.13	1.48	23.36	14.75	47.82	15.6	306.69	34.17	3.35	52.77	
08/07/2024 00:45	19.45	6.35	124.77	15.25	15.24	1.55	23.34	14.75	47.82	15.6	306.69	34.42	3.5	52.74	
08/07/2024 00:50	19.45	6.35	124.77	15.25	15.1	1.46	23.57	14.75	47.82	15.6	306.69	34.16	3.29	53.32	
08/07/2024 00:55	19.45	6.35	124.77	15.25	15.26	1.59	23.62	14.75	47.82	15.6	306.69	34.51	3.58	53.41	
08/07/2024 01:00	19.45	6.35	124.77	15.25	15.04	1.36	23.15	14.74	47.82	15.6	306.69	33.95	3.06	52.27	
08/07/2024 01:05	19.45	6.35	124.77	15.25	15.24	1.57	23.57	14.74	47.82	15.6	306.69	34.41	3.54	53.21	
08/07/2024 01:10	19.45	6.35	124.77	15.25	15.14	1.52	23.53	14.75	47.82	15.6	306.69	34.21	3.43	53.15	
08/07/2024 01:15	19.45	6.35	124.77	15.25	15.2	1.57	23.12	14.74	47.82	15.6	306.69	34.32	3.54	52.21	
08/07/2024 01:20	19.45	6.35	124.77	15.25	15.08	1.5	23.05	14.75	47.82	15.6	306.69	34.08	3.39	52.07	
08/07/2024 01:25	19.45	6.35	124.77	15.25	15.2	1.57	23.12	14.74	47.82	15.6	306.69	34.31	3.55	52.21	
08/07/2024 01:30	19.45	6.35	124.77	15.25	15.2	1.57	23.34	14.75	47.82	15.6	306.69	34.34	3.54	52.74	
08/07/2024 01:35	19.45	6.35	124.77	15.25	15.09	1.53	23.39	14.75	47.82	15.6	306.69	34.12	3.47	52.88	
08/07/2024 01:40	19.45	6.35	124.77	15.25	15.04	1.47	23.31	14.75	47.82	15.6	306.69	33.99	3.33	52.67	
08/07/2024 01:45	19.45	6.35	124.77	15.25	15.09	1.52	23.34	14.74	47.82	15.6	306.69	34.07	3.43	52.72	
08/07/2024 01:50	19.45	6.35	124.77	15.25	15.01	1.57	23.61	14.74	47.82	15.6	306.69	33.88	3.53	53.28	
08/07/2024 01:55	19.45	6.35	124.77	15.25	14.94	1.47	23.47	14.74	47.82	15.6	306.69	33.73	3.32	52.99	
08/07/2024 02:00	19.45	6.35	124.77	15.25	14.95	1.55	24.03	14.75	47.82	15.6	306.69	33.76	3.51	54.27	
08/07/2024 02:05	19.45	6.35	124.77	15.25	14.91	1.45	24.35	14.74	47.82	15.6	306.69	33.65	3.28	54.96	
08/07/2024 02:10	19.45	6.35	124.77	15.25	15.03	1.57	24.13	14.74	47.82	15.6	306.69	33.9	3.55	54.43	
08/07/2024 02:15	19.45	6.35	124.77	15.25	14.81	1.51	24.17	14.74	47.82	15.6	306.69	33.4	3.41	54.53	
08/07/2024 02:20	19.45	6.35	124.77	15.25	14.93	1.55	24.11	14.73	47.82	15.6	306.69	33.63	3.49	54.3	
08/07/2024 02:25	19.45	6.35	124.77	15.25	14.8	1.48	24.54	14.73	47.82	15.6	306.69	33.37	3.34	55.33	
08/07/2024 02:30	19.45	6.35	124.77	15.25	14.95	1.64	24.34	14.74	47.82	15.6	306.69	33.72	3.7	54.91	
08/07/2024 02:35	19.45	6.35	124.77	15.25	14.93	1.53	24.35	14.74	47.82	15.6	306.69	33.71	3.46	54.98	
08/07/2024 02:40	19.45	6.35	124.77	15.25	15.01	1.6	24.07	14.74	47.82	15.6	306.69	33.87	3.62	54.34	
08/07/2024 02:45	19.45	6.35	124.77	15.25	14.92	1.54	23.88	14.74	47.82	15.6	306.69	33.66	3.47	53.89	
08/07/2024 02:50	19.45	6.35	124.77	15.25	15.02	1.65	24.09	14.74	47.82	15.6	306.69	33.88	3.72	54.34	
08/07/2024 02:55	19.45	6.35	124.77	15.25	14.83	1.59	24.28	14.74	47.82	15.6	306.69	33.47	3.58	54.82	
08/07/2024 03:00	19.45	6.35	124.77	15.25	15.02	1.66	24.56	14.75	47.82	15.6	306.69	33.91	3.74	55.48	
08/07/2024 03:05	19.45	6.35	124.77	15.25	14.86	1.55	24.56	14.74	47.82	15.6	306.69	33.56	3.5	55.45	
08/07/2024 03:10	19.45	6.35	124.77	15.25	15.03	1.68	24.32	14.74	47.82	15.6	306.69	33.93	3.79	54.91	
08/07/2024 03:15	19.45	6.35	124.77	15.25	14.98	1.64	24.16	14.74	47.82	15.6	306.69	33.82	3.71	54.52	
08/07/2024 03:20	19.45	6.35	124.77	15.25	15.08	1.63	24.62	14.74	47.82	15.6	306.69	34.02	3.68	55.57	
08/07/2024 03:25	19.45	6.35	124.77	15.25	14.95	1.63	24.07	14.74	47.82	15.6	306.69	33.72	3.67	54.31	
08/07/2024 03:30	19.45	6.35	124.77	15.25	15.04	1.65	24.4	14.74	47.82	15.6	306.69	33.96	3.72	55.07	
08/07/2024 03:35	19.45	6.35	124.77	15.25	15.03	1.61	24.33	14.74	47.82	15.6	306.69	33.92	3.62	54.92	
08/07/2024 03:40	19.45	6.35	124.77	15.25	15.08	1.55	23.46	14.75	47.82	15.6	306.69	34.06	3.51	52.98	
08/07/2024 03:45	19.45	6.35	124.77	15.25	15.15	1.58	23.33	14.74	47.82	15.6	306.69	34.21	3.58	52.68	
08/07/2024 03:50	19.45	6.35	124.77	15.25	14.94	1.61	24.25	14.74	47.82	15.6	306.69	33.72	3.64	54.71	
08/07/2024 03:55	19.45	6.35	124.77	15.25	15.02	1.68	24.55	14.74	47.82	15.6	306.69	33.91	3.79	55.42	
08/07/2024 04:00	19.45	6.35	124.77	15.25	14.98	1.62	24.22	14.75	47.82	15.6	306.69	33.84	3.66	54.72	
08/07/2024 04:05	19.45	6.35	124.77	15.25	15.03	1.68	24.56	14.75	47.82	15.6	306.69	33.95	3.8	55.51	
08/07/2024 04:10	19.45	6.35	124.77	15.25	15.08	1.74	25.29	14.75	47.82	15.6	306.69	34.06	3.94	57.12	
08/07/2024 04:15	19.45	6.35	124.77	15.25	14.82	1.68	25.03	14.74	47.82	15.6	306.69	33.43	3.79	56.47	
08/07/2024 04:20	19.45	6.35	124.77	15.25	14.95	1.73	25.87	14.74	47.82	15.6	306.69	33.75	3.91	58.39	
08/07/2024 04:25	19.45	6.35	124.77	15.25	14.91	1.77	26.22	14.75	47.82	15.6	306.69	33.68	4	59.21	
08/07/2024 04:30	19.45	6.35	124.77	15.25	14.99	1.71	26.11	14.75	47.82	15.6	306.69	33.87	3.86	58.99	
08/07/2024 04:35	19.45	6.35	124.77	15.25	14.9	1.76	25.92	14.74	47.82	15.6	306.69	33.62	3.97	58.48	
08/07/2024 04:40	19.45	6.35	124.77	15.25	14.92	1.77	26.13	14.73	47.82	15.6	306.69	33.65	3.98	58.9	
08/07/2024 04:45	19.45	6.35	124.77	15.25	14.78	1.73	26.03	14.73	47.82	15.6	306.69	33.31	3.89	58.66	
08/07/2024 04:50	19.4														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/07/2024 06:25	19.45	6.35	124.77	15.25	14.91	1.83	25.97	14.75	47.82	15.6	306.69	33.69	4.14	58.69	
08/07/2024 06:30	19.45	6.35	124.77	15.25	14.86	1.76	26.1	14.75	47.82	15.6	306.69	33.57	3.97	58.96	
08/07/2024 06:35	19.45	6.35	124.77	15.25	14.98	1.83	26.23	14.74	47.82	15.6	306.69	33.83	4.13	59.22	
08/07/2024 06:40	19.45	6.35	124.77	15.25	14.78	1.77	26.01	14.75	47.82	15.6	306.69	33.39	3.99	58.77	
08/07/2024 06:45	19.45	6.35	124.77	15.25	14.87	1.89	25.87	14.75	47.82	15.6	306.69	33.62	4.26	58.48	
08/07/2024 06:50	19.45	6.35	124.77	15.25	14.82	1.73	25.66	14.75	47.82	15.6	306.69	33.52	3.91	58.01	
08/07/2024 06:55	19.45	6.35	124.77	15.25	14.82	1.72	25.67	14.75	47.82	15.6	306.69	33.52	3.9	58.05	
08/07/2024 07:00	19.45	6.35	124.77	15.25	14.95	1.74	25.45	14.75	47.82	15.6	306.69	33.78	3.93	57.51	
08/07/2024 07:05	19.45	6.35	124.77	15.25	15.02	1.79	24.87	14.75	47.82	15.6	306.69	33.95	4.04	56.21	
08/07/2024 07:10	19.45	6.35	124.77	15.25	14.96	1.75	24.95	14.75	47.82	15.6	306.69	33.84	3.96	56.42	
08/07/2024 07:15	19.45	6.35	124.77	15.25	14.95	1.75	25.03	14.75	47.82	15.6	306.69	33.81	3.96	56.6	
08/07/2024 07:20	19.45	6.35	124.77	15.25	14.91	1.72	25.36	14.75	47.82	15.6	306.69	33.69	3.88	57.31	
08/07/2024 07:25	19.45	6.35	124.77	15.25	15.21	1.9	25.46	14.75	47.82	15.6	306.69	34.39	4.3	57.56	
08/07/2024 07:30	19.45	6.35	124.77	15.25	14.7	1.44	25.32	14.74	47.82	15.6	306.69	33.18	3.26	57.17	
08/07/2024 07:35	19.45	6.35	124.77	15.25	15.15	1.73	25.49	14.75	47.82	15.6	306.69	34.22	3.92	57.59	
08/07/2024 07:40	19.45	6.35	124.77	15.25	15.02	1.7	25.33	14.74	47.82	15.6	306.69	33.92	3.84	57.19	
08/07/2024 07:45	19.45	6.35	124.77	15.25	15.21	1.73	25.55	14.74	47.82	15.6	306.69	34.35	3.9	57.69	
08/07/2024 07:50	19.45	6.35	124.77	15.25	14.86	1.57	25.37	14.74	47.82	15.6	306.69	33.53	3.55	57.26	
08/07/2024 07:55	19.45	6.35	124.77	15.25	15.01	1.62	25.46	14.74	47.82	15.6	306.69	33.89	3.67	57.48	
08/07/2024 08:00	19.45	6.35	124.77	15.25	15.13	1.72	25.83	14.75	47.82	15.6	306.69	34.17	3.89	58.34	
08/07/2024 08:05	19.45	6.35	124.77	15.25	14.85	1.47	26.14	14.74	47.82	15.6	306.69	33.55	3.32	59.04	
08/07/2024 08:10	19.45	6.35	124.77	15.25	15.07	1.6	25.92	14.75	47.82	15.6	306.69	34.03	3.61	58.55	
08/07/2024 08:15	19.45	6.35	124.77	15.25	15.07	1.59	25.45	14.74	47.82	15.6	306.69	34.03	3.58	57.44	
08/07/2024 08:20	19.45	6.35	124.77	15.25	15.03	1.49	25.69	14.74	47.82	15.6	306.69	33.9	3.37	57.96	
08/07/2024 08:25	19.45	6.35	124.77	15.25	15.06	1.53	25.52	14.74	47.82	15.6	306.69	33.98	3.45	57.59	
08/07/2024 08:30	19.45	6.35	124.77	15.25	15.24	1.53	25.12	14.74	47.82	15.6	306.69	34.38	3.44	56.69	
08/07/2024 08:35	19.45	6.35	124.77	15.25	15.18	1.49	25.3	14.74	47.82	15.6	306.69	34.26	3.35	57.11	
08/07/2024 08:40	19.45	6.35	124.77	15.25	15.1	1.47	25.39	14.74	47.82	15.6	306.69	34.08	3.31	57.31	
08/07/2024 08:45	19.45	6.35	124.77	15.25	15.18	1.45	25.29	14.74	47.82	15.6	306.69	34.26	3.27	57.08	
08/07/2024 08:50	19.45	6.35	124.77	15.25	15.2	1.39	24.96	14.74	47.82	15.6	306.69	34.29	3.13	56.31	
08/07/2024 08:55	19.45	6.35	124.77	15.25	15.3	1.45	25.78	14.74	47.82	15.6	306.69	34.51	3.27	58.17	
08/07/2024 09:00	19.45	6.35	124.77	15.25	15.31	1.51	26.21	14.74	47.82	15.6	306.69	34.52	3.4	59.1	
08/07/2024 09:05	19.45	6.35	124.77	15.25	15.18	1.43	26.54	14.73	47.82	15.6	306.69	34.21	3.23	59.84	
08/07/2024 09:10	19.45	6.35	124.77	15.25	15.22	1.49	26.92	14.74	47.82	15.6	306.69	34.32	3.36	60.71	
08/07/2024 09:15	19.45	6.35	124.77	15.25	15.09	1.41	26.48	14.74	47.82	15.6	306.69	34.06	3.19	59.75	
08/07/2024 09:20	19.45	6.35	124.77	15.25	15.12	1.48	26.18	14.73	47.82	15.6	306.69	34.07	3.33	58.99	
08/07/2024 09:25	19.45	6.35	124.77	15.25	15.01	1.5	26.51	14.72	47.82	15.6	306.69	33.77	3.37	59.63	
08/07/2024 09:30	19.45	6.35	124.77	15.25	15.08	1.47	26.58	14.72	47.82	15.6	306.69	33.93	3.3	59.81	
08/07/2024 09:35	19.45	6.35	124.77	15.25	14.92	1.51	27.33	14.72	47.82	15.6	306.69	33.58	3.41	61.52	
08/07/2024 09:40	19.45	6.35	124.77	15.25	14.83	1.57	28.13	14.73	47.82	15.6	306.69	33.39	3.53	63.32	
08/07/2024 09:45	19.45	6.35	124.77	15.25	14.92	1.55	27.07	14.73	47.82	15.6	306.69	33.61	3.5	60.98	
08/07/2024 09:50	19.45	6.35	124.77	15.25	15.06	1.6	27.64	14.73	47.82	15.6	306.69	33.94	3.61	62.28	
08/07/2024 09:55	19.45	6.35	124.77	15.25	14.96	1.63	28.4	14.73	47.82	15.6	306.69	33.71	3.67	63.98	
08/07/2024 10:00	19.45	6.35	124.77	15.25	15.12	1.64	28.3	14.73	47.82	15.6	306.69	34.09	3.7	63.81	
08/07/2024 10:05	19.45	6.35	124.77	15.25	14.91	1.58	27.72	14.74	47.82	15.6	306.69	33.62	3.56	62.5	
08/07/2024 10:10	19.45	6.35	124.77	15.25	14.86	1.57	27.43	14.74	47.82	15.6	306.69	33.51	3.54	61.88	
08/07/2024 10:15	19.45	6.35	124.77	15.25	15.13	1.6	27.31	14.74	47.82	15.6	306.69	34.12	3.6	61.6	
08/07/2024 10:20	19.45	6.35	124.77	15.25	15.27	1.46	25.92	14.74	47.82	15.6	306.69	34.47	3.29	58.49	
08/07/2024 10:25	19.45	6.35	124.77	15.25	15.33	1.43	25.37	14.74	47.82	15.6	306.69	34.62	3.22	57.28	
08/07/2024 10:30	19.45	6.35	124.77	15.25	15.28	1.34	25.99	14.74	47.82	15.6	306.69	34.49	3.03	58.68	
08/07/2024 10:35	19.45	6.35	124.77	15.25	15.28	1.35	25.46	14.74	47.82	15.6	306.69	34.47	3.04	57.43	
08/07/2024 10:40	19.45	6.35	124.77	15.25	15.14	1.2	25.99	14.73	47.82	15.6	306.69	34.14	2.72	58.59	
08/07/2024 10:45	19.45	6.35	124.77	15.25	15.4	1.37	26.03	14.73	47.82	15.6	306.69	34.68	3.08	58.62	
08/07/2024 10:50	19.45	6.35	124.77	15.25	15.31	1.22	25.83	14.73	47.82	15.6	306.69	34.47	2.76	58.16	
08/07/2024 10:55	19.45	6.35	124.77	15.25	15.31	1.17	25.01	14.73	47.82	15.6	306.69	34.47	2.63	56.31	
08/07/2024 11:00	19.45	6.35	124.77	15.25	15.5	1.25	25.28	14.72	47.82	15.6	306.69	34.88	2.81	56.87	
08/07/2024 11:05	19.45	6.35	124.77	15.25	15.4	1.21	25.19	14.72	47.82	15.6	306.69	34.62	2.71	56.65	
08/07/2024 11:10	19.45	6.35	124.77	15.25	15.36	1.09	25.57	14.71	47.82	15.6	306.69	34.5	2.44	57.43	
08/07/2024 11:15	19.45	6.35	124.77	15.25	15.32	1.12	25.07	14.71	47.82	15.6	306.69	34.37	2.51	56.26	
08/07/2024 11:20	19.45	6.35	124.77	15.25	15.53	1.1	25.49	14.7	47.82	15.6	306.69	34.84	2.47	57.18	
08/07/2024 11:25	19.45	6.35	124.77	15.25	15.35	0.86	26.17	14.7	47.82	15.6	306.69	34.42	1.94	58.68	
08/07/2024 11:30	19.45	6.35	124.77	15.25	15.59	1.11	25.96	14.7	47.82	15.6	306.69	34.94	2.48	58.18	
08/07/2024 11:35	19.45	6.35	124.77	15.25	15.41	0.97	25.73	14.69	47.82	15.6	306.69	34.49	2.16	57.6	
08/07/2024 11:40	19.45	6.35	124.77	15.25	15.54	0.96	25.78	14.69	47.82	15.6	306.69	34.78	2.14	57.67	
08/07/2024 11:45	19.45	6.35	124.77	15.25	15.72	1.08	25.21	14.68	47.82	15.6	306.69	35.14	2.41	56.36	
08/07/2024 11:50	19.45	6.35	124.77	15.25	15.74	0.93	25.36	14.68	47.82	15.6	306.69	35.15	2.08	56.62	
08/07/2024 11:55	19.45	6.35	124.77	15.25	15.38	0.63	25.14	14.67	47.82	15.6	306.69	34.32	1.4	56.08	
08/07/2024 12:00	19.45	6.35	124.77	15.25	15.55	0.82	24.08	14.67	47.82	15.6	306.69	34.67	1.83	53.69	
08/07/2024 12:05	19.45	6.35	124.77	15.25	15.62	0.88	23.72	14.66	47.82	15.6	306.69	34.82	1.96	52.86	
08/07/2024 12:10	19.45	6.35	124.77	15.25	15.61	0.84	23.34	14.66	47.82	15.6	306.69	34.77	1.88	51.99	
08/07/2024 12:15	19.45	6.35	124.77	15.25	15.06	0.33	23.31	14.65	47.82	15.6	306.69	33.52	0.73	51.88	
08/07/2024 12:20	19.45	6.35	124.77	15.25	15.32	0.56	23.68	14.65	47.82	15.6	306.69	34.06	1.25	52.66	
08/07/2024 12:25	19.45	6.35	124.77												



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/07/2024 14:00	19.45	6.35	124.77	15.25	15.19	0.31	24.14	14.64	47.82	15.6	306.69	33.71	0.68	53.58	
08/07/2024 14:05	19.45	6.35	124.77	15.25	15.29	0.44	23.53	14.63	47.82	15.6	306.69	33.93	0.98	52.21	
08/07/2024 14:10	19.45	6.35	124.77	15.25	15.09	0.12	23.45	14.63	47.82	15.6	306.69	33.47	0.26	52.02	
08/07/2024 14:15	19.45	6.35	124.77	15.25	15.38	0.46	23.76	14.64	47.82	15.6	306.69	34.12	1.03	52.72	
08/07/2024 14:20	19.45	6.35	124.77	15.25	15.02	0.2	23.9	14.64	47.82	15.6	306.69	33.33	0.45	53.04	
08/07/2024 14:25	19.45	6.35	124.77	15.25	15.19	0.5	24.24	14.65	47.82	15.6	306.69	33.77	1.1	53.86	
08/07/2024 14:30	19.45	6.35	124.77	15.25	14.98	0.28	23.73	14.64	47.82	15.6	306.69	33.28	0.63	52.74	
08/07/2024 14:35	19.45	6.35	124.77	15.25	15.17	0.49	24.13	14.65	47.82	15.6	306.69	33.73	1.08	53.65	
08/07/2024 14:40	19.45	6.35	124.77	15.25	15.17	0.48	23.71	14.65	47.82	15.6	306.69	33.75	1.06	52.73	
08/07/2024 14:45	19.45	6.35	124.77	15.25	15.08	0.49	25.55	14.65	47.82	15.6	306.69	33.56	1.09	56.86	
08/07/2024 14:50	19.45	6.35	124.77	15.25	15.37	0.63	25.44	14.66	47.82	15.6	306.69	34.24	1.41	56.67	
08/07/2024 14:55	19.45	6.35	124.77	15.25	14.99	0.32	24.43	14.66	47.82	15.6	306.69	33.38	0.72	54.41	
08/07/2024 15:00	19.45	6.35	124.77	15.25	15.26	0.65	25.38	14.66	47.82	15.6	306.69	33.99	1.45	56.53	
08/07/2024 15:05	19.45	6.35	124.77	15.25	15.27	0.62	25.54	14.66	47.82	15.6	306.69	34.03	1.38	56.92	
08/07/2024 15:10	19.45	6.35	124.77	15.25	15.13	0.62	25.24	14.67	47.82	15.6	306.69	33.74	1.38	56.26	
08/07/2024 15:15	19.45	6.35	124.77	15.25	15.09	0.59	23.69	14.67	47.82	15.6	306.69	33.65	1.32	52.84	
08/07/2024 15:20	19.45	6.35	124.77	15.25	15.14	0.59	24.13	14.67	47.82	15.6	306.69	33.79	1.31	53.84	
08/07/2024 15:25	19.45	6.35	124.77	15.25	15.24	0.62	24.23	14.67	47.82	15.6	306.69	34.01	1.37	54.07	
08/07/2024 15:30	19.45	6.35	124.77	15.25	15.44	0.76	24.32	14.67	47.82	15.6	306.69	34.46	1.69	54.3	
08/07/2024 15:35	19.45	6.35	124.77	15.25	15.39	0.75	24.55	14.68	47.82	15.6	306.69	34.38	1.67	54.82	
08/07/2024 15:40	19.45	6.35	124.77	15.25	15.14	0.58	24.56	14.67	47.82	15.6	306.69	33.79	1.3	54.82	
08/07/2024 15:45	19.45	6.35	124.77	15.25	15.59	0.95	24.69	14.68	47.82	15.6	306.69	34.85	2.13	55.18	
08/07/2024 15:50	19.45	6.35	124.77	15.25	15.11	0.59	24.65	14.68	47.82	15.6	306.69	33.76	1.32	55.08	
08/07/2024 15:55	19.45	6.35	124.77	15.25	15.49	0.88	24.96	14.68	47.82	15.6	306.69	34.61	1.96	55.76	
08/07/2024 16:00	19.45	6.35	124.77	15.25	15.27	0.74	24.89	14.68	47.82	15.6	306.69	34.12	1.65	55.62	
08/07/2024 16:05	19.45	6.35	124.77	15.25	15.28	0.8	24.82	14.68	47.82	15.6	306.69	34.16	1.78	55.48	
08/07/2024 16:10	19.45	6.35	124.77	15.25	15.3	0.78	24.92	14.68	47.82	15.6	306.69	34.21	1.75	55.7	
08/07/2024 16:15	19.45	6.35	124.77	15.25	15.46	0.96	25.1	14.69	47.82	15.6	306.69	34.59	2.14	56.17	
08/07/2024 16:20	19.45	6.35	124.77	15.25	15.22	0.83	24.84	14.69	47.82	15.6	306.69	34.08	1.86	55.63	
08/07/2024 16:25	19.45	6.35	124.77	15.25	15.48	1.03	24.82	14.7	47.82	15.6	306.69	34.71	2.3	55.63	
08/07/2024 16:30	19.45	6.35	124.77	15.25	15.39	0.75	24.75	14.7	47.82	15.6	306.69	34.47	1.69	55.45	
08/07/2024 16:35	19.45	6.35	124.77	15.25	15.45	0.94	24.8	14.7	47.82	15.6	306.69	34.61	2.11	55.57	
08/07/2024 16:40	19.45	6.35	124.77	15.25	15.41	0.86	24.81	14.7	47.82	15.6	306.69	34.54	1.94	55.59	
08/07/2024 16:45	19.45	6.35	124.77	15.25	15.22	0.74	25.16	14.69	47.82	15.6	306.69	34.07	1.66	56.34	
08/07/2024 16:50	19.45	6.35	124.77	15.25	15.47	0.91	24.94	14.7	47.82	15.6	306.69	34.65	2.04	55.87	
08/07/2024 16:55	19.45	6.35	124.77	15.25	15.53	0.98	24.85	14.7	47.82	15.6	306.69	34.8	2.2	55.7	
08/07/2024 17:00	19.45	6.35	124.77	15.25	15.69	1.09	25.36	14.7	47.82	15.6	306.69	35.18	2.44	56.88	
08/07/2024 17:05	19.45	6.35	124.77	15.25	15.54	0.92	24.82	14.7	47.82	15.6	306.69	34.86	2.07	55.65	
08/07/2024 17:10	19.45	6.35	124.77	15.25	15.34	0.82	24.69	14.7	47.82	15.6	306.69	34.4	1.84	55.35	
08/07/2024 17:15	19.45	6.35	124.77	15.25	15.59	1.01	24.69	14.7	47.82	15.6	306.69	34.96	2.27	55.39	
08/07/2024 17:20	19.45	6.35	124.77	15.25	15.1	0.75	24.4	14.7	47.82	15.6	306.69	33.85	1.69	54.7	
08/07/2024 17:25	19.45	6.35	124.77	15.25	15.48	1.01	24.46	14.7	47.82	15.6	306.69	34.72	2.27	54.85	
08/07/2024 17:30	19.45	6.35	124.77	15.25	15.14	0.84	24.39	14.7	47.82	15.6	306.69	33.94	1.88	54.67	
08/07/2024 17:35	19.45	6.35	124.77	15.25	14.98	0.78	24.36	14.69	47.82	15.6	306.69	33.55	1.75	54.55	
08/07/2024 17:40	19.45	6.35	124.77	15.25	15.05	0.89	24.24	14.67	47.82	15.6	306.69	33.54	1.99	54.03	
08/07/2024 17:45	19.45	6.35	124.77	15.25	15.18	0.95	24.63	14.67	47.82	15.6	306.69	33.84	2.13	54.92	
08/07/2024 17:50	19.45	6.35	124.77	15.25	14.94	0.83	24.84	14.67	47.82	15.6	306.69	33.35	1.85	55.44	
08/07/2024 17:55	19.45	6.35	124.77	15.25	15.14	1.07	24.93	14.67	47.82	15.6	306.69	33.78	2.39	55.63	
08/07/2024 18:00	19.45	6.35	124.77	15.25	15.09	1	24.81	14.67	47.82	15.6	306.69	33.68	2.23	55.39	
08/07/2024 18:05	19.45	6.35	124.77	15.25	15.5	1.12	24.33	14.7	47.82	15.6	306.69	34.76	2.51	54.56	
08/07/2024 18:10	19.45	6.35	124.77	15.25	15.54	1.05	25.08	14.71	47.82	15.6	306.69	34.89	2.35	56.29	
08/07/2024 18:15	19.45	6.35	124.77	15.25	15.39	0.85	24.84	14.71	47.82	15.6	306.69	34.55	1.91	55.75	
08/07/2024 18:20	19.45	6.35	124.77	15.25	15.71	1.16	25.08	14.71	47.82	15.6	306.69	35.27	2.61	56.3	
08/07/2024 18:25	19.45	6.35	124.77	15.25	15.6	1.05	25.11	14.71	47.82	15.6	306.69	35.03	2.36	56.38	
08/07/2024 18:30	19.45	6.35	124.77	15.25	15.92	1.2	25.26	14.71	47.82	15.6	306.69	35.75	2.7	56.73	
08/07/2024 18:35	19.45	6.35	124.77	15.25	15.53	1.04	25.38	14.71	47.82	15.6	306.69	34.87	2.33	56.99	
08/07/2024 18:40	19.45	6.35	124.77	15.25	15.45	0.98	24.96	14.71	47.82	15.6	306.69	34.7	2.2	56.07	
08/07/2024 18:45	19.45	6.35	124.77	15.25	15.78	1.19	25.02	14.72	47.82	15.6	306.69	35.46	2.67	56.23	
08/07/2024 18:50	19.45	6.35	124.77	15.25	15.58	1.08	25.15	14.72	47.82	15.6	306.69	35.01	2.43	56.53	
08/07/2024 18:55	19.45	6.35	124.77	15.25	15.59	1.06	25.22	14.71	47.82	15.6	306.69	35.01	2.37	56.64	
08/07/2024 19:00	19.45	6.35	124.77	15.25	15.77	1.27	25.91	14.71	47.82	15.6	306.69	35.4	2.85	58.18	
08/07/2024 19:05	19.45	6.35	124.77	15.25	15.86	1.34	26.02	14.71	47.82	15.6	306.69	35.63	3	58.44	
08/07/2024 19:10	19.45	6.35	124.77	15.25	15.58	1.2	25.13	14.71	47.82	15.6	306.69	34.99	2.68	56.42	
08/07/2024 19:15	19.45	6.35	124.77	15.25	15.53	1.08	24.63	14.71	47.82	15.6	306.69	34.89	2.43	55.35	
08/07/2024 19:20	19.45	6.35	124.77	15.25	15.62	1.14	25.1	14.72	47.82	15.6	306.69	35.13	2.56	56.44	
08/07/2024 19:25	19.45	6.35	124.77	15.25	15.51	1	25.5	14.71	47.82	15.6	306.69	34.85	2.24	57.29	
08/07/2024 19:30	19.45	6.35	124.77	15.25	15.56	1.11	25.28	14.71	47.82	15.6	306.69	34.97	2.48	56.8	
08/07/2024 19:35	19.45	6.35	124.77	15.25	15.48	1.06	25.31	14.72	47.82	15.6	306.69	34.78	2.38	56.88	
08/07/2024 19:40	19.45	6.35	124.77	15.25	15.67	1.23	25.5	14.72	47.82	15.6	306.69	35.24	2.76	57.34	
08/07/2024 19:45	19.45	6.35	124.77	15.25	15.75	1.29	25.79	14.72	47.82	15.6	306.69	35.44	2.89	58.02	
08/07/2024 19:50	19.45	6.35	124.77	15.25	15.55	1.19	26.22	14.72	47.82	15.6	306.69	34.96	2.68	58.93	
08/07/2024 19:55	19.45	6.35	124.77	15.25	15.74	1.28	25.8	14.72	47.82	15.6	306.69	35.4	2.87	58	
08/07/2024 20:00	19.45	6.35	124.77												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/07/2024 21:35	19.45	6.35	124.77	15.25	15.61	1.39	25.4	14.72	47.82	15.6	306.69	35.1	3.13	57.12	
08/07/2024 21:40	19.45	6.35	124.77	15.25	15.68	1.37	25.26	14.71	47.82	15.6	306.69	35.22	3.07	56.74	
08/07/2024 21:45	19.45	6.35	124.77	15.25	15.39	1.28	25.12	14.71	47.82	15.6	306.69	34.57	2.88	56.43	
08/07/2024 21:50	19.45	6.35	124.77	15.25	15.52	1.24	25.21	14.72	47.82	15.6	306.69	34.89	2.79	56.68	
08/07/2024 21:55	19.45	6.35	124.77	15.25	15.57	1.32	25.16	14.72	47.82	15.6	306.69	35	2.97	56.57	
08/07/2024 22:00	19.45	6.35	124.77	15.25	15.79	1.43	25.03	14.72	47.82	15.6	306.69	35.53	3.21	56.33	
08/07/2024 22:05	19.45	6.35	124.77	15.25	15.8	1.44	24.83	14.72	47.82	15.6	306.69	35.55	3.25	55.89	
08/07/2024 22:10	19.45	6.35	124.77	15.25	15.39	1.27	24.87	14.72	47.82	15.6	306.69	34.6	2.85	55.93	
08/07/2024 22:15	19.45	6.35	124.77	15.25	15.46	1.21	25.42	14.72	47.82	15.6	306.69	34.77	2.72	57.2	
08/07/2024 22:20	19.45	6.35	124.77	15.25	15.85	1.52	25.98	14.72	47.82	15.6	306.69	35.66	3.43	58.46	
08/07/2024 22:25	19.45	6.35	124.77	15.25	15.45	1.17	25.65	14.72	47.82	15.6	306.69	34.74	2.64	57.66	
08/07/2024 22:30	19.45	6.35	124.77	15.25	15.89	1.49	25.62	14.72	47.82	15.6	306.69	35.74	3.35	57.63	
08/07/2024 22:35	19.45	6.35	124.77	15.25	15.57	1.26	25.38	14.72	47.82	15.6	306.69	35.02	2.83	57.1	
08/07/2024 22:40	19.45	6.35	124.77	15.25	15.8	1.4	25.31	14.72	47.82	15.6	306.69	35.54	3.15	56.93	
08/07/2024 22:45	19.45	6.35	124.77	15.25	15.5	1.21	25.31	14.72	47.82	15.6	306.69	34.86	2.72	56.9	
08/07/2024 22:50	19.45	6.35	124.77	15.25	15.46	1.3	25.28	14.72	47.82	15.6	306.69	34.77	2.91	56.85	
08/07/2024 22:55	19.45	6.35	124.77	15.25	15.66	1.41	25.1	14.72	47.82	15.6	306.69	35.25	3.16	56.49	
08/07/2024 23:00	19.45	6.35	124.77	15.25	15.5	1.28	25.09	14.72	47.82	15.6	306.69	34.87	2.88	56.46	
08/07/2024 23:05	19.45	6.35	124.77	15.25	15.82	1.55	25.2	14.73	47.82	15.6	306.69	35.62	3.5	56.76	
08/07/2024 23:10	19.45	6.35	124.77	15.25	15.48	1.27	25.04	14.73	47.82	15.6	306.69	34.85	2.86	56.38	
08/07/2024 23:15	19.45	6.35	124.77	15.25	15.83	1.47	25.33	14.73	47.82	15.6	306.69	35.65	3.32	57.04	
08/07/2024 23:20	19.45	6.35	124.77	15.25	15.59	1.3	25.21	14.73	47.82	15.6	306.69	35.1	2.92	56.77	
08/07/2024 23:25	19.45	6.35	124.77	15.25	15.74	1.46	25.21	14.73	47.82	15.6	306.69	35.44	3.28	56.77	
08/07/2024 23:30	19.45	6.35	124.77	15.25	15.67	1.38	25.22	14.73	47.82	15.6	306.69	35.28	3.1	56.79	
08/07/2024 23:35	19.45	6.35	124.77	15.25	15.63	1.47	24.85	14.72	47.82	15.6	306.69	35.17	3.3	55.92	
08/07/2024 23:40	19.45	6.35	124.77	15.25	15.71	1.48	24.71	14.72	47.82	15.6	306.69	35.35	3.33	55.61	
08/07/2024 23:45	19.45	6.35	124.77	15.25	15.44	1.34	24.39	14.72	47.82	15.6	306.69	34.73	3.02	54.85	
08/07/2024 23:50	19.45	6.35	124.77	15.25	15.5	1.45	24.34	14.72	47.82	15.6	306.69	34.85	3.26	54.72	
08/07/2024 23:55	19.45	6.35	124.77	15.25	15.64	1.44	24.72	14.72	47.82	15.6	306.69	35.17	3.23	55.58	
09/07/2024 00:00	19.45	6.35	124.77	15.25	15.72	1.49	24.67	14.72	47.82	15.6	306.69	35.34	3.35	55.47	
09/07/2024 00:05	19.45	6.35	124.77	15.25	15.54	1.45	24.37	14.72	47.82	15.6	306.69	34.95	3.26	54.8	
09/07/2024 00:10	19.45	6.35	124.77	15.25	15.56	1.4	24.48	14.72	47.82	15.6	306.69	35.02	3.14	55.09	
09/07/2024 00:15	19.45	6.35	124.77	15.25	15.64	1.46	24.85	14.73	47.82	15.6	306.69	35.22	3.28	55.93	
09/07/2024 00:20	19.45	6.35	124.77	15.25	15.67	1.46	24.82	14.72	47.82	15.6	306.69	35.27	3.29	55.84	
09/07/2024 00:25	19.45	6.35	124.77	15.25	15.38	1.37	25.34	14.72	47.82	15.6	306.69	34.58	3.09	56.98	
09/07/2024 00:30	19.45	6.35	124.77	15.25	15.43	1.37	25.65	14.72	47.82	15.6	306.69	34.7	3.07	57.66	
09/07/2024 00:35	19.45	6.35	124.77	15.25	15.49	1.46	25.57	14.72	47.82	15.6	306.69	34.82	3.28	57.48	
09/07/2024 00:40	19.45	6.35	124.77	15.25	15.53	1.46	25.5	14.71	47.82	15.6	306.69	34.89	3.28	57.29	
09/07/2024 00:45	19.45	6.35	124.77	15.25	15.61	1.51	25.11	14.71	47.82	15.6	306.69	35.07	3.39	56.42	
09/07/2024 00:50	19.45	6.35	124.77	15.25	15.4	1.3	25.04	14.72	47.82	15.6	306.69	34.62	2.92	56.28	
09/07/2024 00:55	19.45	6.35	124.77	15.25	15.46	1.4	24.62	14.72	47.82	15.6	306.69	34.76	3.14	55.37	
09/07/2024 01:00	19.45	6.35	124.77	15.25	15.6	1.52	25.41	14.73	47.82	15.6	306.69	35.13	3.41	57.21	
09/07/2024 01:05	19.45	6.35	124.77	15.25	15.41	1.37	25.2	14.72	47.82	15.6	306.69	34.68	3.09	56.71	
09/07/2024 01:10	19.45	6.35	124.77	15.25	15.66	1.48	25.23	14.72	47.82	15.6	306.69	35.2	3.34	56.73	
09/07/2024 01:15	19.45	6.35	124.77	15.25	15.51	1.45	25.45	14.72	47.82	15.6	306.69	34.86	3.26	57.2	
09/07/2024 01:20	19.45	6.35	124.77	15.25	15.55	1.53	25.28	14.72	47.82	15.6	306.69	34.98	3.44	56.85	
09/07/2024 01:25	19.45	6.35	124.77	15.25	15.42	1.43	25.5	14.72	47.82	15.6	306.69	34.68	3.22	57.35	
09/07/2024 01:30	19.45	6.35	124.77	15.25	15.51	1.49	25.64	14.72	47.82	15.6	306.69	34.88	3.36	57.69	
09/07/2024 01:35	19.45	6.35	124.77	15.25	15.43	1.47	25.17	14.72	47.82	15.6	306.69	34.72	3.31	56.65	
09/07/2024 01:40	19.45	6.35	124.77	15.25	15.55	1.43	25.34	14.72	47.82	15.6	306.69	35	3.21	57.03	
09/07/2024 01:45	19.45	6.35	124.77	15.25	15.59	1.54	25.38	14.72	47.82	15.6	306.69	35.06	3.47	57.07	
09/07/2024 01:50	19.45	6.35	124.77	15.25	15.52	1.49	24.86	14.72	47.82	15.6	306.69	34.9	3.35	55.89	
09/07/2024 01:55	19.45	6.35	124.77	15.25	15.56	1.49	24.73	14.72	47.82	15.6	306.69	34.98	3.34	55.61	
09/07/2024 02:00	19.45	6.35	124.77	15.25	15.6	1.51	25	14.72	47.82	15.6	306.69	35.11	3.4	56.28	
09/07/2024 02:05	19.45	6.35	124.77	15.25	15.48	1.45	24.29	14.72	47.82	15.6	306.69	34.85	3.27	54.65	
09/07/2024 02:10	19.45	6.35	124.77	15.25	15.36	1.42	24.71	14.73	47.82	15.6	306.69	34.58	3.2	55.63	
09/07/2024 02:15	19.45	6.35	124.77	15.25	15.56	1.48	24.71	14.73	47.82	15.6	306.69	35.05	3.33	55.64	
09/07/2024 02:20	19.45	6.35	124.77	15.25	15.61	1.53	24.68	14.73	47.82	15.6	306.69	35.17	3.45	55.58	
09/07/2024 02:25	19.45	6.35	124.77	15.25	15.48	1.46	24.28	14.73	47.82	15.6	306.69	34.85	3.3	54.66	
09/07/2024 02:30	19.45	6.35	124.77	15.25	15.8	1.55	24.53	14.73	47.82	15.6	306.69	35.56	3.5	55.22	
09/07/2024 02:35	19.45	6.35	124.77	15.25	15.76	1.48	24.56	14.73	47.82	15.6	306.69	35.5	3.32	55.31	
09/07/2024 02:40	19.45	6.35	124.77	15.25	15.66	1.52	24.88	14.73	47.82	15.6	306.69	35.29	3.43	56.06	
09/07/2024 02:45	19.45	6.35	124.77	15.25	15.55	1.44	24.49	14.73	47.82	15.6	306.69	35.02	3.25	55.15	
09/07/2024 02:50	19.45	6.35	124.77	15.25	15.51	1.53	24.44	14.73	47.82	15.6	306.69	34.92	3.44	55.02	
09/07/2024 02:55	19.45	6.35	124.77	15.25	15.4	1.4	24.89	14.73	47.82	15.6	306.69	34.68	3.16	56.05	
09/07/2024 03:00	19.45	6.35	124.77	15.25	15.61	1.58	24.87	14.73	47.82	15.6	306.69	35.17	3.55	56.04	
09/07/2024 03:05	19.45	6.35	124.77	15.25	15.41	1.47	24.59	14.73	47.82	15.6	306.69	34.72	3.32	55.4	
09/07/2024 03:10	19.45	6.35	124.77	15.25	15.52	1.57	24.51	14.73	47.82	15.6	306.69	34.97	3.53	55.24	
09/07/2024 03:15	19.45	6.35	124.77	15.25	15.51	1.54	24.52	14.73	47.82	15.6	306.69	34.95	3.47	55.25	
09/07/2024 03:20	19.45	6.35	124.77	15.25	15.44	1.49	24.44	14.73	47.82	15.6	306.69	34.79	3.35	55.06	
09/07/2024 03:25	19.45	6.35	124.77	15.25	15.38	1.56	24.78	14.73	47.82	15.6	306.69	34.65	3.51	55.81	
09/07/2024 03:30	19.45	6.35	124.77	15.25	15.33	1.52	25.07	14.73	47.82	15.6	306.69	34.51	3.42	56.43	
09/07/2024 03:35	19.45	6.35	124.77	15.25	15.										



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/07/2024 05:10	19.45	6.35	124.77	15.25	15.43	1.51	23.71	14.73	47.82	15.6	306.69	34.77	3.39	53.42	
09/07/2024 05:15	19.45	6.35	124.77	15.25	15.44	1.48	23.37	14.73	47.82	15.6	306.69	34.82	3.33	52.68	
09/07/2024 05:20	19.45	6.35	124.77	15.25	15.46	1.61	23.43	14.73	47.82	15.6	306.69	34.85	3.62	52.82	
09/07/2024 05:25	19.45	6.35	124.77	15.25	15.44	1.41	23.83	14.73	47.82	15.6	306.69	34.79	3.18	53.72	
09/07/2024 05:30	19.45	6.35	124.77	15.25	15.46	1.54	23.72	14.73	47.82	15.6	306.69	34.81	3.46	53.41	
09/07/2024 05:35	19.45	6.35	124.77	15.25	15.52	1.51	23.74	14.72	47.82	15.6	306.69	34.94	3.39	53.42	
09/07/2024 05:40	19.45	6.35	124.77	15.25	15.48	1.62	23.51	14.72	47.82	15.6	306.69	34.84	3.64	52.92	
09/07/2024 05:45	19.45	6.35	124.77	15.25	15.29	1.39	23.4	14.73	47.82	15.6	306.69	34.43	3.13	52.68	
09/07/2024 05:50	19.45	6.35	124.77	15.25	15.55	1.58	23.54	14.73	47.82	15.6	306.69	35.01	3.56	53	
09/07/2024 05:55	19.45	6.35	124.77	15.25	15.43	1.49	23.37	14.73	47.82	15.6	306.69	34.74	3.36	52.61	
09/07/2024 06:00	19.45	6.35	124.77	15.25	15.51	1.57	23.51	14.73	47.82	15.6	306.69	34.93	3.54	52.96	
09/07/2024 06:05	19.45	6.35	124.77	15.25	15.49	1.49	23.46	14.73	47.82	15.6	306.69	34.89	3.35	52.86	
09/07/2024 06:10	19.45	6.35	124.77	15.25	15.57	1.58	23.53	14.73	47.82	15.6	306.69	35.08	3.56	53.02	
09/07/2024 06:15	19.45	6.35	124.77	15.25	15.5	1.53	23.94	14.73	47.82	15.6	306.69	34.91	3.45	53.93	
09/07/2024 06:20	19.45	6.35	124.77	15.25	15.31	1.42	23.83	14.73	47.82	15.6	306.69	34.47	3.2	53.66	
09/07/2024 06:25	19.45	6.35	124.77	15.25	15.58	1.54	24.57	14.73	47.82	15.6	306.69	35.08	3.46	55.33	
09/07/2024 06:30	19.45	6.35	124.77	15.25	15.56	1.6	24.17	14.73	47.82	15.6	306.69	35.04	3.61	54.42	
09/07/2024 06:35	19.45	6.35	124.77	15.25	15.49	1.5	24.34	14.73	47.82	15.6	306.69	34.88	3.38	54.81	
09/07/2024 06:40	19.45	6.35	124.77	15.25	15.55	1.58	24.08	14.73	47.82	15.6	306.69	35.02	3.55	54.23	
09/07/2024 06:45	19.45	6.35	124.77	15.25	15.48	1.46	23.87	14.73	47.82	15.6	306.69	34.86	3.28	53.77	
09/07/2024 06:50	19.45	6.35	124.77	15.25	15.59	1.57	23.88	14.73	47.82	15.6	306.69	35.13	3.54	53.79	
09/07/2024 06:55	19.45	6.35	124.77	15.25	15.51	1.49	23.91	14.73	47.82	15.6	306.69	34.95	3.36	53.86	
09/07/2024 07:00	19.45	6.35	124.77	15.25	15.44	1.55	23.59	14.73	47.82	15.6	306.69	34.79	3.5	53.14	
09/07/2024 07:05	19.45	6.35	124.77	15.25	15.39	1.4	23.98	14.73	47.82	15.6	306.69	34.65	3.16	54.01	
09/07/2024 07:10	19.45	6.35	124.77	15.25	15.44	1.53	24.14	14.73	47.82	15.6	306.69	34.78	3.45	54.36	
09/07/2024 07:15	19.45	6.35	124.77	15.25	15.36	1.42	23.8	14.73	47.82	15.6	306.69	34.58	3.2	53.61	
09/07/2024 07:20	19.45	6.35	124.77	15.25	15.42	1.5	23.43	14.72	47.82	15.6	306.69	34.7	3.37	52.73	
09/07/2024 07:25	19.45	6.35	124.77	15.25	15.3	1.33	23.51	14.72	47.82	15.6	306.69	34.42	3	52.9	
09/07/2024 07:30	19.45	6.35	124.77	15.25	15.39	1.38	23.3	14.72	47.82	15.6	306.69	34.64	3.11	52.43	
09/07/2024 07:35	19.45	6.35	124.77	15.25	15.34	1.4	25.13	14.72	47.82	15.6	306.69	34.52	3.14	56.56	
09/07/2024 07:40	19.45	6.35	124.77	15.25	15.6	1.41	24.12	14.72	47.82	15.6	306.69	35.12	3.17	54.3	
09/07/2024 07:45	19.45	6.35	124.77	15.25	15.54	1.41	24.11	14.72	47.82	15.6	306.69	34.95	3.18	54.22	
09/07/2024 07:50	19.45	6.35	124.77	15.25	15.33	1.29	23.54	14.72	47.82	15.6	306.69	34.46	2.91	52.92	
09/07/2024 07:55	19.45	6.35	124.77	15.25	15.51	1.4	23.3	14.71	47.82	15.6	306.69	34.83	3.15	52.33	
09/07/2024 08:00	19.45	6.35	124.77	15.25	15.61	1.33	23.56	14.71	47.82	15.6	306.69	35.09	3	52.94	
09/07/2024 08:05	19.45	6.35	124.77	15.25	15.54	1.33	23.42	14.71	47.82	15.6	306.69	34.93	2.99	52.61	
09/07/2024 08:10	19.45	6.35	124.77	15.25	15.45	1.34	23.45	14.71	47.82	15.6	306.69	34.71	3.02	52.68	
09/07/2024 08:15	19.45	6.35	124.77	15.25	15.5	1.31	22.58	14.71	47.82	15.6	306.69	34.82	2.93	50.71	
09/07/2024 08:20	19.45	6.35	124.77	15.25	15.43	1.19	22.74	14.71	47.82	15.6	306.69	34.65	2.67	51.07	
09/07/2024 08:25	19.45	6.35	124.77	15.25	15.45	1.18	23.05	14.72	47.82	15.6	306.69	34.74	2.64	51.81	
09/07/2024 08:30	19.45	6.35	124.77	15.25	15.58	1.29	24	14.72	47.82	15.6	306.69	35.03	2.9	53.96	
09/07/2024 08:35	19.45	6.35	124.77	15.25	15.54	1.23	23.77	14.72	47.82	15.6	306.69	34.93	2.77	53.43	
09/07/2024 08:40	19.45	6.35	124.77	15.25	15.6	1.19	23.7	14.71	47.82	15.6	306.69	35.04	2.68	53.23	
09/07/2024 08:45	19.45	6.35	124.77	15.25	15.65	1.16	24.02	14.71	47.82	15.6	306.69	35.15	2.61	53.94	
09/07/2024 08:50	19.45	6.35	124.77	15.25	15.76	1.15	24.08	14.71	47.82	15.6	306.69	35.4	2.59	54.11	
09/07/2024 08:55	19.45	6.35	124.77	15.25	15.67	1.13	23.69	14.71	47.82	15.6	306.69	35.21	2.54	53.23	
09/07/2024 09:00	19.45	6.35	124.77	15.25	15.64	1.05	23.67	14.71	47.82	15.6	306.69	35.11	2.35	53.15	
09/07/2024 09:05	19.45	6.35	124.77	15.25	15.5	0.97	23.27	14.71	47.82	15.6	306.69	34.79	2.17	52.22	
09/07/2024 09:10	19.45	6.35	124.77	15.25	15.56	1.22	23.77	14.7	47.82	15.6	306.69	34.9	2.73	53.3	
09/07/2024 09:15	19.45	6.35	124.77	15.25	15.71	1.11	23.27	14.7	47.82	15.6	306.69	35.19	2.5	52.14	
09/07/2024 09:20	19.45	6.35	124.77	15.25	15.57	0.94	23.09	14.69	47.82	15.6	306.69	34.87	2.1	51.7	
09/07/2024 09:25	19.45	6.35	124.77	15.25	15.69	1.03	22.84	14.69	47.82	15.6	306.69	35.14	2.3	51.15	
09/07/2024 09:30	19.45	6.35	124.77	15.25	15.62	1.04	22.54	14.69	47.82	15.6	306.69	34.99	2.33	50.48	
09/07/2024 09:35	19.45	6.35	124.77	15.25	15.73	1.06	22.48	14.69	47.82	15.6	306.69	35.23	2.37	50.34	
09/07/2024 09:40	19.45	6.35	124.77	15.25	15.68	1.03	22.68	14.7	47.82	15.6	306.69	35.14	2.3	50.81	
09/07/2024 09:45	19.45	6.35	124.77	15.25	15.54	1.08	23.26	14.7	47.82	15.6	306.69	34.84	2.42	52.13	
09/07/2024 09:50	19.45	6.35	124.77	15.25	15.67	1.13	23.21	14.7	47.82	15.6	306.69	35.1	2.54	51.99	
09/07/2024 09:55	19.45	6.35	124.77	15.25	15.63	0.99	23.28	14.69	47.82	15.6	306.69	35	2.23	52.13	
09/07/2024 10:00	19.45	6.35	124.77	15.25	15.72	1.14	23.73	14.69	47.82	15.6	306.69	35.21	2.56	53.16	
09/07/2024 10:05	19.45	6.35	124.77	15.25	15.61	1.03	24.17	14.69	47.82	15.6	306.69	34.95	2.31	54.1	
09/07/2024 10:10	19.45	6.35	124.77	15.25	15.62	1.06	23.91	14.69	47.82	15.6	306.69	34.96	2.38	53.51	
09/07/2024 10:15	19.45	6.35	124.77	15.25	15.69	1.15	23.45	14.69	47.82	15.6	306.69	35.11	2.57	52.48	
09/07/2024 10:20	19.45	6.35	124.77	15.25	15.55	1.09	23.36	14.69	47.82	15.6	306.69	34.81	2.45	52.29	
09/07/2024 10:25	19.45	6.35	124.77	15.25	15.68	1.19	23.07	14.69	47.82	15.6	306.69	35.1	2.66	51.64	
09/07/2024 10:30	19.45	6.35	124.77	15.25	15.6	1.14	23.4	14.69	47.82	15.6	306.69	34.91	2.55	52.36	
09/07/2024 10:35	19.45	6.35	124.77	15.25	15.77	1.13	23.43	14.69	47.82	15.6	306.69	35.33	2.53	52.47	
09/07/2024 10:40	19.45	6.35	124.77	15.25	15.79	1.23	23.13	14.69	47.82	15.6	306.69	35.37	2.76	51.81	
09/07/2024 10:45	19.45	6.35	124.77	15.25	15.56	0.87	23.53	14.69	47.82	15.6	306.69	34.84	1.95	52.7	
09/07/2024 10:50	19.45	6.35	124.77	15.25	15.71	1.1	23.26	14.69	47.82	15.6	306.69	35.17	2.46	52.08	
09/07/2024 10:55	19.45	6.35	124.77	15.25	15.72	1.13	22.94	14.69	47.82	15.6	306.69	35.19	2.53	51.36	
09/07/2024 11:00	19.45	6.35	124.77	15.25	15.63	1	22.31	14.69	47.82	15.6	306.69	35	2.24	49.97	
09/07/2024 11:05	19.45	6.35	124.77	15.25	15.68	1.1	23	14.69	47.82	15.6	306.69	35.12	2.47	51.49	
09/07/2024 11:10	19.45	6.35	124.77	15.25											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/07/2024 12:45	19.45	6.35	124.77	15.25	15.68	1.15	25.06	14.7	47.82	15.6	306.69	35.15	2.58	56.18	
09/07/2024 12:50	19.45	6.35	124.77	15.25	15.69	1.11	24.43	14.7	47.82	15.6	306.69	35.17	2.48	54.74	
09/07/2024 12:55	19.45	6.35	124.77	15.25	15.67	1.13	23.59	14.69	47.82	15.6	306.69	35.08	2.53	52.82	
09/07/2024 13:00	19.45	6.35	124.77	15.25	15.43	0.97	23.38	14.69	47.82	15.6	306.69	34.53	2.18	52.33	
09/07/2024 13:05	19.45	6.35	124.77	15.25	15.76	1.2	23.9	14.69	47.82	15.6	306.69	35.26	2.69	53.48	
09/07/2024 13:10	19.45	6.35	124.77	15.25	15.37	0.92	23.93	14.69	47.82	15.6	306.69	34.38	2.06	53.52	
09/07/2024 13:15	19.45	6.35	124.77	15.25	15.65	1.17	24.67	14.69	47.82	15.6	306.69	35.04	2.63	55.24	
09/07/2024 13:20	19.45	6.35	124.77	15.25	15.41	0.95	25.58	14.69	47.82	15.6	306.69	34.5	2.12	57.28	
09/07/2024 13:25	19.45	6.35	124.77	15.25	15.51	1.1	24.68	14.69	47.82	15.6	306.69	34.73	2.46	55.27	
09/07/2024 13:30	19.45	6.35	124.77	15.25	15.82	1.19	24.44	14.69	47.82	15.6	306.69	35.4	2.67	54.69	
09/07/2024 13:35	19.45	6.35	124.77	15.25	15.46	0.99	24.11	14.68	47.82	15.6	306.69	34.57	2.22	53.89	
09/07/2024 13:40	19.45	6.35	124.77	15.25	15.55	0.99	24.23	14.68	47.82	15.6	306.69	34.75	2.2	54.15	
09/07/2024 13:45	19.45	6.35	124.77	15.25	15.61	1.02	24.07	14.68	47.82	15.6	306.69	34.89	2.28	53.8	
09/07/2024 13:50	19.45	6.35	124.77	15.25	15.6	0.9	23.78	14.68	47.82	15.6	306.69	34.87	2.01	53.15	
09/07/2024 13:55	19.45	6.35	124.77	15.25	15.66	1.05	23.7	14.69	47.82	15.6	306.69	35.03	2.34	53.03	
09/07/2024 14:00	19.45	6.35	124.77	15.25	15.76	0.97	23.44	14.69	47.82	15.6	306.69	35.25	2.16	52.45	
09/07/2024 14:05	19.45	6.35	124.77	15.25	16	1.08	23.71	14.69	47.82	15.6	306.69	35.79	2.41	53.04	
09/07/2024 14:10	19.45	6.35	124.77	15.25	16	1.19	24.04	14.69	47.82	15.6	306.69	35.79	2.66	53.77	
09/07/2024 14:15	19.45	6.35	124.77	15.25	15.57	0.89	24.11	14.68	47.82	15.6	306.69	34.78	1.99	53.88	
09/07/2024 14:20	19.45	6.35	124.77	15.25	15.81	1.2	24.56	14.68	47.82	15.6	306.69	35.36	2.68	54.93	
09/07/2024 14:25	19.45	6.35	124.77	15.25	15.81	1.15	24.54	14.68	47.82	15.6	306.69	35.35	2.56	54.87	
09/07/2024 14:30	19.45	6.35	124.77	15.25	15.94	1.23	24.73	14.68	47.82	15.6	306.69	35.62	2.74	55.26	
09/07/2024 14:35	19.45	6.35	124.77	15.25	15.85	1.2	24.81	14.68	47.82	15.6	306.69	35.42	2.67	55.46	
09/07/2024 14:40	19.45	6.35	124.77	15.25	15.84	1.26	24.69	14.68	47.82	15.6	306.69	35.42	2.82	55.21	
09/07/2024 14:45	19.45	6.35	124.77	15.25	15.5	1.03	24.26	14.68	47.82	15.6	306.69	34.65	2.3	54.23	
09/07/2024 14:50	19.45	6.35	124.77	15.25	15.76	1.15	23.82	14.68	47.82	15.6	306.69	35.25	2.58	53.26	
09/07/2024 14:55	19.45	6.35	124.77	15.25	15.84	1.2	23.41	14.68	47.82	15.6	306.69	35.42	2.68	52.35	
09/07/2024 15:00	19.45	6.35	124.77	15.25	15.71	1.04	23.16	14.68	47.82	15.6	306.69	35.11	2.33	51.77	
09/07/2024 15:05	19.45	6.35	124.77	15.25	15.75	1.06	23.16	14.68	47.82	15.6	306.69	35.22	2.36	51.79	
09/07/2024 15:10	19.45	6.35	124.77	15.25	15.96	1.17	22.9	14.69	47.82	15.6	306.69	35.71	2.62	51.24	
09/07/2024 15:15	19.45	6.35	124.77	15.25	15.75	1.09	22.63	14.68	47.82	15.6	306.69	35.2	2.43	50.58	
09/07/2024 15:20	19.45	6.35	124.77	15.25	16.05	1.23	23	14.68	47.82	15.6	306.69	35.89	2.74	51.43	
09/07/2024 15:25	19.45	6.35	124.77	15.25	15.74	1.1	23.22	14.68	47.82	15.6	306.69	35.2	2.45	51.93	
09/07/2024 15:30	19.45	6.35	124.77	15.25	15.79	1.07	23.28	14.68	47.82	15.6	306.69	35.3	2.39	52.06	
09/07/2024 15:35	19.45	6.35	124.77	15.25	15.88	1.19	23.23	14.69	47.82	15.6	306.69	35.55	2.66	52.01	
09/07/2024 15:40	19.45	6.35	124.77	15.25	15.74	1.16	23.58	14.69	47.82	15.6	306.69	35.26	2.6	52.81	
09/07/2024 15:45	19.45	6.35	124.77	15.25	15.87	1.23	23.85	14.69	47.82	15.6	306.69	35.52	2.76	53.4	
09/07/2024 15:50	19.45	6.35	124.77	15.25	15.85	1.2	23.55	14.69	47.82	15.6	306.69	35.47	2.68	52.7	
09/07/2024 15:55	19.45	6.35	124.77	15.25	15.89	1.21	23.54	14.69	47.82	15.6	306.69	35.58	2.71	52.7	
09/07/2024 16:00	19.45	6.35	124.77	15.25	15.88	1.17	23.45	14.69	47.82	15.6	306.69	35.53	2.61	52.47	
09/07/2024 16:05	19.45	6.35	124.77	15.25	15.75	1.13	23.46	14.69	47.82	15.6	306.69	35.24	2.53	52.48	
09/07/2024 16:10	19.45	6.35	124.77	15.25	15.78	1.04	23.41	14.68	47.82	15.6	306.69	35.28	2.33	52.34	
09/07/2024 16:15	19.45	6.35	124.77	15.25	15.83	1.14	23.14	14.68	47.82	15.6	306.69	35.41	2.55	51.76	
09/07/2024 16:20	19.45	6.35	124.77	15.25	15.68	0.92	22.97	14.69	47.82	15.6	306.69	35.07	2.07	51.38	
09/07/2024 16:25	19.45	6.35	124.77	15.25	15.79	1.1	22.93	14.69	47.82	15.6	306.69	35.33	2.45	51.31	
09/07/2024 16:30	19.45	6.35	124.77	15.25	15.72	1.03	23.12	14.69	47.82	15.6	306.69	35.2	2.3	51.76	
09/07/2024 16:35	19.45	6.35	124.77	15.25	15.87	1.12	23.04	14.69	47.82	15.6	306.69	35.53	2.5	51.59	
09/07/2024 16:40	19.45	6.35	124.77	15.25	15.64	0.96	22.86	14.69	47.82	15.6	306.69	34.98	2.15	51.14	
09/07/2024 16:45	19.45	6.35	124.77	15.25	15.88	1.05	22.63	14.68	47.82	15.6	306.69	35.52	2.36	50.6	
09/07/2024 16:50	19.45	6.35	124.77	15.25	16.08	1.14	22.96	14.69	47.82	15.6	306.69	35.97	2.55	51.37	
09/07/2024 16:55	19.45	6.35	124.77	15.25	15.95	1.04	23.01	14.68	47.82	15.6	306.69	35.67	2.33	51.45	
09/07/2024 17:00	19.45	6.35	124.77	15.25	15.97	1.08	23.32	14.68	47.82	15.6	306.69	35.7	2.41	52.13	
09/07/2024 17:05	19.45	6.35	124.77	15.25	15.78	1.08	23.53	14.68	47.82	15.6	306.69	35.28	2.41	52.59	
09/07/2024 17:10	19.45	6.35	124.77	15.25	15.92	1.1	23.73	14.68	47.82	15.6	306.69	35.59	2.46	53.04	
09/07/2024 17:15	19.45	6.35	124.77	15.25	15.8	1.05	23.82	14.68	47.82	15.6	306.69	35.33	2.35	53.26	
09/07/2024 17:20	19.45	6.35	124.77	15.25	15.68	1.04	23.93	14.68	47.82	15.6	306.69	35.05	2.33	53.49	
09/07/2024 17:25	19.45	6.35	124.77	15.25	15.52	0.97	23.92	14.68	47.82	15.6	306.69	34.66	2.17	53.44	
09/07/2024 17:30	19.45	6.35	124.77	15.25	15.83	1.18	24.05	14.68	47.82	15.6	306.69	35.39	2.63	53.76	
09/07/2024 17:35	19.45	6.35	124.77	15.25	15.57	0.95	24.15	14.68	47.82	15.6	306.69	34.78	2.13	53.97	
09/07/2024 17:40	19.45	6.35	124.77	15.25	15.08	1.03	24.01	14.65	47.82	15.6	306.69	33.53	2.3	53.38	
09/07/2024 17:45	19.45	6.35	124.77	15.25	15.04	1.1	24.17	14.64	47.82	15.6	306.69	33.4	2.44	53.68	
09/07/2024 17:50	19.45	6.35	124.77	15.25	14.94	0.97	24.27	14.64	47.82	15.6	306.69	33.19	2.15	53.9	
09/07/2024 17:55	19.45	6.35	124.77	15.25	15.29	1.2	24.31	14.65	47.82	15.6	306.69	33.97	2.67	54.03	
09/07/2024 18:00	19.45	6.35	124.77	15.25	14.97	1.02	24.3	14.64	47.82	15.6	306.69	33.25	2.27	53.99	
09/07/2024 18:05	19.45	6.35	124.77	15.25	15.25	1.07	23.76	14.65	47.82	15.6	306.69	33.91	2.39	52.85	
09/07/2024 18:10	19.45	6.35	124.77	15.25	15.6	1.13	23.63	14.67	47.82	15.6	306.69	34.82	2.53	52.77	
09/07/2024 18:15	19.45	6.35	124.77	15.25	15.79	1.11	24.25	14.67	47.82	15.6	306.69	35.26	2.49	54.15	
09/07/2024 18:20	19.45	6.35	124.77	15.25	15.72	1.09	24.09	14.68	47.82	15.6	306.69	35.11	2.43	53.79	
09/07/2024 18:25	19.45	6.35	124.77	15.25	15.67	1.08	23.46	14.68	47.82	15.6	306.69	35.02	2.41	52.42	
09/07/2024 18:30	19.45	6.35	124.77	15.25	15.79	1.22	24.05	14.68	47.82	15.6	306.69	35.29	2.72	53.75	
09/07/2024 18:35	19.45	6.35	124.77	15.25	15.67	1.13	24.19	14.68	47.82	15.6	306.69	35.02	2.54	54.05	
09/07/2024 18:40	19.45	6.35	124.77	15.25	15.58	1.14	23.79	14.68	47.82	15.6	306.69	34.81	2.55	53.14	
09/07/2024 18:45	19.45	6.35	124												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/07/2024 20:20	19.45	6.35	124.77	15.25	15.73	1.19	24.98	14.68	47.82	15.6	306.69	35.15	2.66	55.83	
09/07/2024 20:25	19.45	6.35	124.77	15.25	16.18	1.45	24.86	14.69	47.82	15.6	306.69	36.2	3.24	55.6	
09/07/2024 20:30	19.45	6.35	124.77	15.25	15.88	1.29	24.97	14.69	47.82	15.6	306.69	35.52	2.89	55.87	
09/07/2024 20:35	19.45	6.35	124.77	15.25	15.83	1.29	25.53	14.69	47.82	15.6	306.69	35.41	2.89	57.12	
09/07/2024 20:40	19.45	6.35	124.77	15.25	15.9	1.34	26.03	14.69	47.82	15.6	306.69	35.57	2.99	58.25	
09/07/2024 20:45	19.45	6.35	124.77	15.25	15.81	1.35	26.51	14.69	47.82	15.6	306.69	35.36	3.02	59.31	
09/07/2024 20:50	19.45	6.35	124.77	15.25	15.87	1.33	26.59	14.69	47.82	15.6	306.69	35.5	2.99	59.5	
09/07/2024 20:55	19.45	6.35	124.77	15.25	16.08	1.47	26.82	14.69	47.82	15.6	306.69	35.98	3.3	60.01	
09/07/2024 21:00	19.45	6.35	124.77	15.25	15.71	1.34	27.01	14.69	47.82	15.6	306.69	35.15	2.99	60.43	
09/07/2024 21:05	19.45	6.35	124.77	15.25	15.8	1.37	27.11	14.69	47.82	15.6	306.69	35.36	3.06	60.69	
09/07/2024 21:10	19.45	6.35	124.77	15.25	15.95	1.5	26.83	14.69	47.82	15.6	306.69	35.71	3.36	60.06	
09/07/2024 21:15	19.45	6.35	124.77	15.25	16.06	1.5	26.71	14.69	47.82	15.6	306.69	35.97	3.36	59.81	
09/07/2024 21:20	19.45	6.35	124.77	15.25	15.93	1.53	26.89	14.69	47.82	15.6	306.69	35.64	3.42	60.18	
09/07/2024 21:25	19.45	6.35	124.77	15.25	15.91	1.46	26.63	14.69	47.82	15.6	306.69	35.6	3.28	59.59	
09/07/2024 21:30	19.45	6.35	124.77	15.25	15.84	1.32	26.15	14.68	47.82	15.6	306.69	35.41	2.95	58.48	
09/07/2024 21:35	19.45	6.35	124.77	15.25	15.95	1.48	25.89	14.68	47.82	15.6	306.69	35.67	3.31	57.9	
09/07/2024 21:40	19.45	6.35	124.77	15.25	15.85	1.3	25.69	14.69	47.82	15.6	306.69	35.45	2.9	57.47	
09/07/2024 21:45	19.45	6.35	124.77	15.25	15.84	1.3	25.48	14.68	47.82	15.6	306.69	35.4	2.9	56.94	
09/07/2024 21:50	19.45	6.35	124.77	15.25	15.98	1.37	25.63	14.68	47.82	15.6	306.69	35.73	3.06	57.29	
09/07/2024 21:55	19.45	6.35	124.77	15.25	15.95	1.42	26.11	14.68	47.82	15.6	306.69	35.66	3.17	58.38	
09/07/2024 22:00	19.45	6.35	124.77	15.25	15.89	1.39	26.31	14.68	47.82	15.6	306.69	35.53	3.11	58.83	
09/07/2024 22:05	19.45	6.35	124.77	15.25	15.85	1.34	26.24	14.68	47.82	15.6	306.69	35.42	3	58.64	
09/07/2024 22:10	19.45	6.35	124.77	15.25	15.97	1.47	26.55	14.68	47.82	15.6	306.69	35.71	3.28	59.37	
09/07/2024 22:15	19.45	6.35	124.77	15.25	16.12	1.5	26.75	14.69	47.82	15.6	306.69	36.07	3.36	59.86	
09/07/2024 22:20	19.45	6.35	124.77	15.25	15.84	1.41	26.23	14.69	47.82	15.6	306.69	35.45	3.16	58.7	
09/07/2024 22:25	19.45	6.35	124.77	15.25	15.7	1.3	26.19	14.69	47.82	15.6	306.69	35.16	2.92	58.65	
09/07/2024 22:30	19.45	6.35	124.77	15.25	15.97	1.43	26.02	14.69	47.82	15.6	306.69	35.75	3.21	58.26	
09/07/2024 22:35	19.45	6.35	124.77	15.25	15.93	1.35	25.86	14.69	47.82	15.6	306.69	35.66	3.03	57.88	
09/07/2024 22:40	19.45	6.35	124.77	15.25	15.82	1.28	25.42	14.69	47.82	15.6	306.69	35.42	2.87	56.92	
09/07/2024 22:45	19.45	6.35	124.77	15.25	15.97	1.44	24.36	14.69	47.82	15.6	306.69	35.78	3.23	54.56	
09/07/2024 22:50	19.45	6.35	124.77	15.25	16.14	1.44	23.84	14.69	47.82	15.6	306.69	36.12	3.23	53.36	
09/07/2024 22:55	19.45	6.35	124.77	15.25	16.13	1.49	24	14.69	47.82	15.6	306.69	36.07	3.34	53.69	
09/07/2024 23:00	19.45	6.35	124.77	15.25	16.24	1.54	23.78	14.68	47.82	15.6	306.69	36.31	3.45	53.18	
09/07/2024 23:05	19.45	6.35	124.77	15.25	16.23	1.54	24.17	14.68	47.82	15.6	306.69	36.26	3.45	54	
09/07/2024 23:10	19.45	6.35	124.77	15.25	16.22	1.67	24.7	14.68	47.82	15.6	306.69	36.26	3.72	55.21	
09/07/2024 23:15	19.45	6.35	124.77	15.25	16.06	1.6	24.45	14.68	47.82	15.6	306.69	35.91	3.59	54.66	
09/07/2024 23:20	19.45	6.35	124.77	15.25	16.19	1.75	25.05	14.69	47.82	15.6	306.69	36.21	3.92	56.02	
09/07/2024 23:25	19.45	6.35	124.77	15.25	16.18	1.71	25.24	14.69	47.82	15.6	306.69	36.22	3.82	56.51	
09/07/2024 23:30	19.45	6.35	124.77	15.25	16.11	1.81	25.22	14.69	47.82	15.6	306.69	36.09	4.05	56.5	
09/07/2024 23:35	19.45	6.35	124.77	15.25	15.97	1.78	25.08	14.69	47.82	15.6	306.69	35.76	3.99	56.15	
09/07/2024 23:40	19.45	6.35	124.77	15.25	16.26	1.81	25.8	14.7	47.82	15.6	306.69	36.44	4.06	57.81	
09/07/2024 23:45	19.45	6.35	124.77	15.25	16.09	1.86	24.91	14.7	47.82	15.6	306.69	36.04	4.16	55.8	
09/07/2024 23:50	19.45	6.35	124.77	15.25	16.05	1.75	23.91	14.7	47.82	15.6	306.69	35.96	3.93	53.58	
09/07/2024 23:55	19.45	6.35	124.77	15.25	16.16	1.87	24.11	14.7	47.82	15.6	306.69	36.22	4.19	54.05	
10/07/2024 00:00	19.45	6.35	124.77	15.25	16.14	1.83	25.34	14.7	47.82	15.6	306.69	36.17	4.1	56.81	
10/07/2024 00:05	19.45	6.35	124.77	15.25	16	1.91	25.15	14.7	47.82	15.6	306.69	35.86	4.28	56.38	
10/07/2024 00:10	19.45	6.35	124.77	15.25	16.01	1.81	25.09	14.71	47.82	15.6	306.69	35.95	4.05	56.33	
10/07/2024 00:15	19.45	6.35	124.77	15.25	15.98	1.87	24.77	14.71	47.82	15.6	306.69	35.88	4.21	55.59	
10/07/2024 00:20	19.45	6.35	124.77	15.25	15.98	1.84	24.86	14.7	47.82	15.6	306.69	35.86	4.13	55.78	
10/07/2024 00:25	19.45	6.35	124.77	15.25	15.84	1.88	24.93	14.7	47.82	15.6	306.69	35.52	4.22	55.89	
10/07/2024 00:30	19.45	6.35	124.77	15.25	15.93	1.85	24.8	14.7	47.82	15.6	306.69	35.73	4.14	55.6	
10/07/2024 00:35	19.45	6.35	124.77	15.25	16.03	1.88	25.18	14.7	47.82	15.6	306.69	35.96	4.21	56.48	
10/07/2024 00:40	19.45	6.35	124.77	15.25	15.97	1.87	25.36	14.71	47.82	15.6	306.69	35.84	4.21	56.92	
10/07/2024 00:45	19.45	6.35	124.77	15.25	15.83	1.88	25.54	14.71	47.82	15.6	306.69	35.53	4.23	57.33	
10/07/2024 00:50	19.45	6.35	124.77	15.25	15.86	1.85	25.48	14.71	47.82	15.6	306.69	35.61	4.15	57.2	
10/07/2024 00:55	19.45	6.35	124.77	15.25	15.93	1.85	25.6	14.7	47.82	15.6	306.69	35.75	4.15	57.43	
10/07/2024 01:00	19.45	6.35	124.77	15.25	15.85	1.87	25.74	14.71	47.82	15.6	306.69	35.57	4.21	57.76	
10/07/2024 01:05	19.45	6.35	124.77	15.25	15.84	1.89	25.83	14.71	47.82	15.6	306.69	35.54	4.24	57.98	
10/07/2024 01:10	19.45	6.35	124.77	15.25	15.88	1.89	25.69	14.7	47.82	15.6	306.69	35.62	4.23	57.63	
10/07/2024 01:15	19.45	6.35	124.77	15.25	15.77	1.86	26.34	14.7	47.82	15.6	306.69	35.38	4.17	59.08	
10/07/2024 01:20	19.45	6.35	124.77	15.25	15.81	1.9	26.24	14.7	47.82	15.6	306.69	35.46	4.25	58.84	
10/07/2024 01:25	19.45	6.35	124.77	15.25	15.69	1.84	25.94	14.7	47.82	15.6	306.69	35.2	4.12	58.19	
10/07/2024 01:30	19.45	6.35	124.77	15.25	15.67	1.91	25.63	14.71	47.82	15.6	306.69	35.16	4.29	57.51	
10/07/2024 01:35	19.45	6.35	124.77	15.25	15.7	1.82	25.41	14.71	47.82	15.6	306.69	35.26	4.09	57.06	
10/07/2024 01:40	19.45	6.35	124.77	15.25	15.72	1.9	25.44	14.71	47.82	15.6	306.69	35.29	4.27	57.1	
10/07/2024 01:45	19.45	6.35	124.77	15.25	15.81	1.83	26.14	14.71	47.82	15.6	306.69	35.49	4.1	58.67	
10/07/2024 01:50	19.45	6.35	124.77	15.25	15.73	1.91	26.32	14.71	47.82	15.6	306.69	35.3	4.29	59.07	
10/07/2024 01:55	19.45	6.35	124.77	15.25	15.62	1.82	26.54	14.71	47.82	15.6	306.69	35.07	4.08	59.59	
10/07/2024 02:00	19.45	6.35	124.77	15.25	15.67	1.9	26.57	14.71	47.82	15.6	306.69	35.18	4.27	59.67	
10/07/2024 02:05	19.45	6.35	124.77	15.25	15.65	1.87	26.64	14.71	47.82	15.6	306.69	35.15	4.2	59.82	
10/07/2024 02:10	19.45	6.35	124.77	15.25	15.61	1.89	26.61	14.71	47.82	15.6	306.69	35.05	4.24	59.73	
10/07/2024 02:15	19.45	6.35	124.77	15.25	15.81	1.89	27.11	14.71	47.82	15.6	306.69	35.47	4.23	60.84	
10/07/2024 02:20	19.45	6.35	124.77	15.25	15.8	1.86									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/07/2024 03:55	19.45	6.35	124.77	15.25	15.77	1.81	25.57	14.69	47.82	15.6	306.69	35.29	4.05	57.23	
10/07/2024 04:00	19.45	6.35	124.77	15.25	15.82	1.76	25.54	14.69	47.82	15.6	306.69	35.39	3.93	57.15	
10/07/2024 04:05	19.45	6.35	124.77	15.25	15.8	1.81	25.85	14.69	47.82	15.6	306.69	35.38	4.05	57.88	
10/07/2024 04:10	19.45	6.35	124.77	15.25	15.52	1.72	25.61	14.69	47.82	15.6	306.69	34.74	3.86	57.34	
10/07/2024 04:15	19.45	6.35	124.77	15.25	15.79	1.79	25.59	14.69	47.82	15.6	306.69	35.33	4.01	57.27	
10/07/2024 04:20	19.45	6.35	124.77	15.25	15.58	1.74	25.67	14.69	47.82	15.6	306.69	34.88	3.9	57.46	
10/07/2024 04:25	19.45	6.35	124.77	15.25	15.74	1.85	26.02	14.69	47.82	15.6	306.69	35.25	4.13	58.27	
10/07/2024 04:30	19.45	6.35	124.77	15.25	15.59	1.72	25.83	14.69	47.82	15.6	306.69	34.9	3.86	57.83	
10/07/2024 04:35	19.45	6.35	124.77	15.25	15.76	1.88	26.09	14.69	47.82	15.6	306.69	35.29	4.21	58.43	
10/07/2024 04:40	19.45	6.35	124.77	15.25	15.57	1.7	26.2	14.69	47.82	15.6	306.69	34.85	3.8	58.65	
10/07/2024 04:45	19.45	6.35	124.77	15.25	15.76	1.86	26.57	14.69	47.82	15.6	306.69	35.28	4.16	59.49	
10/07/2024 04:50	19.45	6.35	124.77	15.25	15.61	1.75	26.06	14.69	47.82	15.6	306.69	34.94	3.92	58.34	
10/07/2024 04:55	19.45	6.35	124.77	15.25	15.66	1.83	26.07	14.69	47.82	15.6	306.69	35.04	4.1	58.34	
10/07/2024 05:00	19.45	6.35	124.77	15.25	15.59	1.72	25.96	14.69	47.82	15.6	306.69	34.88	3.85	58.07	
10/07/2024 05:05	19.45	6.35	124.77	15.25	15.64	1.81	25.8	14.68	47.82	15.6	306.69	34.97	4.05	57.68	
10/07/2024 05:10	19.45	6.35	124.77	15.25	15.62	1.74	25.75	14.68	47.82	15.6	306.69	34.93	3.9	57.57	
10/07/2024 05:15	19.45	6.35	124.77	15.25	15.56	1.81	25.68	14.68	47.82	15.6	306.69	34.78	4.05	57.41	
10/07/2024 05:20	19.45	6.35	124.77	15.25	15.54	1.74	25.97	14.68	47.82	15.6	306.69	34.73	3.89	58.02	
10/07/2024 05:25	19.45	6.35	124.77	15.25	15.72	1.83	26.15	14.68	47.82	15.6	306.69	35.14	4.09	58.43	
10/07/2024 05:30	19.45	6.35	124.77	15.25	15.61	1.74	25.99	14.68	47.82	15.6	306.69	34.87	3.89	58.06	
10/07/2024 05:35	19.45	6.35	124.77	15.25	15.83	1.87	25.38	14.68	47.82	15.6	306.69	35.34	4.18	56.68	
10/07/2024 05:40	19.45	6.35	124.77	15.25	15.48	1.67	25.8	14.68	47.82	15.6	306.69	34.57	3.74	57.62	
10/07/2024 05:45	19.45	6.35	124.77	15.25	15.69	1.86	26.5	14.68	47.82	15.6	306.69	35.06	4.16	59.23	
10/07/2024 05:50	19.45	6.35	124.77	15.25	15.47	1.73	27.64	14.68	47.82	15.6	306.69	34.56	3.86	61.75	
10/07/2024 05:55	19.45	6.35	124.77	15.25	14.75	1.95	30.57	14.68	47.82	15.6	306.69	32.95	4.35	68.27	
10/07/2024 06:00	19.45	6.35	124.77	15.25	14.24	1.89	30.64	14.68	47.82	15.6	306.69	31.8	4.21	68.44	
10/07/2024 06:05	19.45	6.35	124.77	15.25	14.39	2	30.4	14.68	47.82	15.6	306.69	32.17	4.46	67.95	
10/07/2024 06:10	19.45	6.35	124.77	15.25	14.48	1.85	29.32	14.68	47.82	15.6	306.69	32.36	4.12	65.51	
10/07/2024 06:15	19.45	6.35	124.77	15.25	15.03	1.9	28.35	14.68	47.82	15.6	306.69	33.57	4.25	63.31	
10/07/2024 06:20	19.45	6.35	124.77	15.25	15.21	1.75	27.23	14.68	47.82	15.6	306.69	33.99	3.91	60.83	
10/07/2024 06:25	19.45	6.35	124.77	15.25	15.47	1.83	26.05	14.68	47.82	15.6	306.69	34.56	4.09	58.2	
10/07/2024 06:30	19.45	6.35	124.77	15.25	15.23	1.65	26.03	14.68	47.82	15.6	306.69	34.01	3.69	58.14	
10/07/2024 06:35	19.45	6.35	124.77	15.25	15.47	1.76	25.83	14.67	47.82	15.6	306.69	34.53	3.93	57.65	
10/07/2024 06:40	19.45	6.35	124.77	15.25	15.45	1.72	26.33	14.67	47.82	15.6	306.69	34.49	3.84	58.79	
10/07/2024 06:45	19.45	6.35	124.77	15.25	15.6	1.81	27.29	14.68	47.82	15.6	306.69	34.84	4.05	60.95	
10/07/2024 06:50	19.45	6.35	124.77	15.25	15.51	1.72	26.1	14.68	47.82	15.6	306.69	34.65	3.83	58.32	
10/07/2024 06:55	19.45	6.35	124.77	15.25	15.51	1.8	26.94	14.68	47.82	15.6	306.69	34.67	4.02	60.21	
10/07/2024 07:00	19.45	6.35	124.77	15.25	15.46	1.75	27.51	14.69	47.82	15.6	306.69	34.59	3.92	61.54	
10/07/2024 07:05	19.45	6.35	124.77	15.25	15.58	1.83	26.71	14.69	47.82	15.6	306.69	34.87	4.11	59.76	
10/07/2024 07:10	19.45	6.35	124.77	15.25	15.35	1.72	26.44	14.68	47.82	15.6	306.69	34.32	3.84	59.13	
10/07/2024 07:15	19.45	6.35	124.77	15.25	15.53	1.81	26.77	14.69	47.82	15.6	306.69	34.76	4.06	59.92	
10/07/2024 07:20	19.45	6.35	124.77	15.25	15.55	1.78	26.88	14.69	47.82	15.6	306.69	34.83	4	60.2	
10/07/2024 07:25	19.45	6.35	124.77	15.25	15.5	1.73	26.78	14.69	47.82	15.6	306.69	34.69	3.88	59.92	
10/07/2024 07:30	19.45	6.35	124.77	15.25	15.38	1.67	26.13	14.69	47.82	15.6	306.69	34.42	3.73	58.46	
10/07/2024 07:35	19.45	6.35	124.77	15.25	15.63	1.83	26.26	14.69	47.82	15.6	306.69	34.99	4.08	58.75	
10/07/2024 07:40	19.45	6.35	124.77	15.25	15.43	1.53	25.75	14.69	47.82	15.6	306.69	34.53	3.43	57.62	
10/07/2024 07:45	19.45	6.35	124.77	15.25	15.56	1.66	25.44	14.68	47.82	15.6	306.69	34.79	3.71	56.86	
10/07/2024 07:50	19.45	6.35	124.77	15.25	15.5	1.56	25.62	14.68	47.82	15.6	306.69	34.65	3.5	57.27	
10/07/2024 07:55	19.45	6.35	124.77	15.25	15.78	1.64	24.82	14.68	47.82	15.6	306.69	35.28	3.67	55.48	
10/07/2024 08:00	19.45	6.35	124.77	15.25	15.94	1.53	24.27	14.69	47.82	15.6	306.69	35.68	3.43	54.33	
10/07/2024 08:05	19.45	6.35	124.77	15.25	16.14	1.59	24.41	14.69	47.82	15.6	306.69	36.15	3.55	54.68	
10/07/2024 08:10	19.45	6.35	124.77	15.25	16.11	1.52	24.34	14.69	47.82	15.6	306.69	36.06	3.4	54.47	
10/07/2024 08:15	19.45	6.35	124.77	15.25	16.09	1.6	24.62	14.69	47.82	15.6	306.69	36	3.58	55.1	
10/07/2024 08:20	19.45	6.35	124.77	15.25	16.03	1.48	24.83	14.69	47.82	15.6	306.69	35.88	3.32	55.59	
10/07/2024 08:25	19.45	6.35	124.77	15.25	16.11	1.5	25.41	14.69	47.82	15.6	306.69	36.06	3.37	56.86	
10/07/2024 08:30	19.45	6.35	124.77	15.25	16.07	1.5	25.23	14.69	47.82	15.6	306.69	35.94	3.36	56.42	
10/07/2024 08:35	19.45	6.35	124.77	15.25	16.12	1.52	25.61	14.7	47.82	15.6	306.69	36.14	3.4	57.41	
10/07/2024 08:40	19.45	6.35	124.77	15.25	16.12	1.53	26.15	14.72	47.82	15.6	306.69	36.25	3.45	58.82	
10/07/2024 08:45	19.45	6.35	124.77	15.25	16.16	1.49	26.26	14.73	47.82	15.6	306.69	36.43	3.35	59.2	
10/07/2024 08:50	19.45	6.35	124.77	15.25	16.01	1.48	26.11	14.74	47.82	15.6	306.69	36.12	3.33	58.9	
10/07/2024 08:55	19.45	6.35	124.77	15.25	16.09	1.37	26.25	14.73	47.82	15.6	306.69	36.25	3.08	59.13	
10/07/2024 09:00	19.45	6.35	124.77	15.25	16.09	1.39	26.19	14.72	47.82	15.6	306.69	36.2	3.14	58.92	
10/07/2024 09:05	19.45	6.35	124.77	15.25	16.05	1.35	24.95	14.71	47.82	15.6	306.69	36.04	3.03	56.02	
10/07/2024 09:10	19.45	6.35	124.77	15.25	15.96	1.25	24.82	14.7	47.82	15.6	306.69	35.78	2.81	55.66	
10/07/2024 09:15	19.45	6.35	124.77	15.25	15.99	1.31	25.14	14.7	47.82	15.6	306.69	35.85	2.95	56.36	
10/07/2024 09:20	19.45	6.35	124.77	15.25	16.02	1.36	25.13	14.7	47.82	15.6	306.69	35.9	3.04	56.3	
10/07/2024 09:25	19.45	6.35	124.77	15.25	16.08	1.32	25.04	14.69	47.82	15.6	306.69	35.99	2.95	56.05	
10/07/2024 09:30	19.45	6.35	124.77	15.25	16.18	1.31	25.44	14.69	47.82	15.6	306.69	36.2	2.94	56.93	
10/07/2024 09:35	19.45	6.35	124.77	15.25	16.14	1.38	26.01	14.69	47.82	15.6	306.69	36.11	3.09	58.18	
10/07/2024 09:40	19.45	6.35	124.77	15.25	16	1.25	26.22	14.68	47.82	15.6	306.69	35.78	2.79	58.61	
10/07/2024 09:45	19.45	6.35	124.77	15.25	16.03	1.33	26.47	14.68	47.82	15.6	306.69	35.81	2.98	59.14	
10/07/2024 09:50	19.45	6.35	124.77	15.25	16.09	1.34	26.67	14.68	47.82	15.6	306.69	35.93	2.99	59.56	
10/07/2024 09:55	19.45	6.35	124.77	15.25	1										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	Opk1_NO	Opk1_SO	Opk1_CO	Opk2_NO	Opk2_SO	Opk2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/07/2024 11:30	19.45	6.35	124.77	15.25	16.03	1.43	26.74	14.69	47.82	15.6	306.69	35.89	3.21	59.85	
10/07/2024 11:35	19.45	6.35	124.77	15.25	16.12	1.49	26.49	14.69	47.82	15.6	306.69	36.08	3.34	59.32	
10/07/2024 11:40	19.45	6.35	124.77	15.25	15.83	1.32	26.3	14.69	47.82	15.6	306.69	35.45	2.96	58.9	
10/07/2024 11:45	19.45	6.35	124.77	15.25	16.08	1.41	26.64	14.69	47.82	15.6	306.69	35.99	3.16	59.63	
10/07/2024 11:50	19.45	6.35	124.77	15.25	16	1.42	26.47	14.69	47.82	15.6	306.69	35.8	3.17	59.23	
10/07/2024 11:55	19.45	6.35	124.77	15.25	15.89	1.36	26.01	14.68	47.82	15.6	306.69	35.55	3.03	58.17	
10/07/2024 12:00	19.45	6.35	124.77	15.25	15.96	1.29	25.47	14.68	47.82	15.6	306.69	35.69	2.89	56.96	
10/07/2024 12:05	19.45	6.35	124.77	15.25	16.01	1.37	25.69	14.68	47.82	15.6	306.69	35.79	3.05	57.42	
10/07/2024 12:10	19.45	6.35	124.77	15.25	16.08	1.42	26.02	14.68	47.82	15.6	306.69	35.96	3.18	58.18	
10/07/2024 12:15	19.45	6.35	124.77	15.25	15.74	1.2	25.88	14.68	47.82	15.6	306.69	35.17	2.68	57.81	
10/07/2024 12:20	19.45	6.35	124.77	15.25	15.93	1.37	26.02	14.68	47.82	15.6	306.69	35.59	3.05	58.14	
10/07/2024 12:25	19.45	6.35	124.77	15.25	15.96	1.3	26.5	14.68	47.82	15.6	306.69	35.65	2.9	59.2	
10/07/2024 12:30	19.45	6.35	124.77	15.25	15.99	1.38	26.56	14.68	47.82	15.6	306.69	35.71	3.08	59.3	
10/07/2024 12:35	19.45	6.35	124.77	15.25	15.7	1.11	26.16	14.67	47.82	15.6	306.69	35.02	2.47	58.36	
10/07/2024 12:40	19.45	6.35	124.77	15.25	16.03	1.27	26.23	14.67	47.82	15.6	306.69	35.75	2.84	58.51	
10/07/2024 12:45	19.45	6.35	124.77	15.25	15.9	1.17	26.07	14.67	47.82	15.6	306.69	35.47	2.6	58.16	
10/07/2024 12:50	19.45	6.35	124.77	15.25	15.96	1.23	26.31	14.67	47.82	15.6	306.69	35.61	2.74	58.69	
10/07/2024 12:55	19.45	6.35	124.77	15.25	15.83	1.01	26.33	14.66	47.82	15.6	306.69	35.29	2.25	58.7	
10/07/2024 13:00	19.45	6.35	124.77	15.25	16.17	1.22	26.36	14.66	47.82	15.6	306.69	36.03	2.73	58.74	
10/07/2024 13:05	19.45	6.35	124.77	15.25	16.23	1.24	26.76	14.66	47.82	15.6	306.69	36.15	2.75	59.6	
10/07/2024 13:10	19.45	6.35	124.77	15.25	16.06	1.08	26.48	14.65	47.82	15.6	306.69	35.73	2.41	58.93	
10/07/2024 13:15	19.45	6.35	124.77	15.25	15.94	0.96	26.3	14.65	47.82	15.6	306.69	35.47	2.14	58.5	
10/07/2024 13:20	19.45	6.35	124.77	15.25	15.95	1.04	26.56	14.65	47.82	15.6	306.69	35.46	2.32	59.06	
10/07/2024 13:25	19.45	6.35	124.77	15.25	15.92	1.02	26.53	14.64	47.82	15.6	306.69	35.36	2.27	58.91	
10/07/2024 13:30	19.45	6.35	124.77	15.25	15.9	1.05	26.56	14.64	47.82	15.6	306.69	35.31	2.32	58.98	
10/07/2024 13:35	19.45	6.35	124.77	15.25	15.98	0.98	26.5	14.64	47.82	15.6	306.69	35.47	2.18	58.84	
10/07/2024 13:40	19.45	6.35	124.77	15.25	16.01	1.01	26.95	14.64	47.82	15.6	306.69	35.55	2.25	59.84	
10/07/2024 13:45	19.45	6.35	124.77	15.25	16.31	1.09	26.56	14.64	47.82	15.6	306.69	36.22	2.41	58.98	
10/07/2024 13:50	19.45	6.35	124.77	15.25	16.11	1.08	26.54	14.64	47.82	15.6	306.69	35.77	2.4	58.92	
10/07/2024 13:55	19.45	6.35	124.77	15.25	16.07	1.04	27.05	14.64	47.82	15.6	306.69	35.7	2.31	60.07	
10/07/2024 14:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 14:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 14:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
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10/07/2024 14:35	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
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10/07/2024 16:25	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
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10/07/2024 17:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 17:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
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10/07/2024 17:20	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
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10/07/2024 17:35	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 17:40	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 17:45	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 17:50	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 17:55	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:15	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:20	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:25	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:30	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:35	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:40	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:45	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:50	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 18:55	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
10/07/2024 19:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	



[illegible]



[illegible]



DCAP Period: 01/07/2024 00:00-31/07/2024 23:59 Type: A

[illegible]



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/07/2024 17:50	19.45	6.35	124.77	15.25	16.46	0.96	26.9	14.59	47.82	15.6	306.69	36.23	2.12	59.21	
11/07/2024 17:55	19.45	6.35	124.77	15.25	16.19	0.65	26.91	14.58	47.82	15.6	306.69	35.61	1.43	59.2	
11/07/2024 18:00	19.45	6.35	124.77	15.25	16.37	0.94	27.17	14.58	47.82	15.6	306.69	36.03	2.07	59.79	
11/07/2024 18:05	19.45	6.35	124.77	15.25	16.65	1.07	27.16	14.59	47.82	15.6	306.69	36.67	2.36	59.8	
11/07/2024 18:10	19.45	6.35	124.77	15.25	16.18	0.8	26.95	14.59	47.82	15.6	306.69	35.61	1.76	59.31	
11/07/2024 18:15	19.45	6.35	124.77	15.25	16.4	0.87	26.81	14.58	47.82	15.6	306.69	36.09	1.92	58.99	
11/07/2024 18:20	19.45	6.35	124.77	15.25	16.83	1.28	26.79	14.59	47.82	15.6	306.69	37.08	2.82	59.01	
11/07/2024 18:25	19.45	6.35	124.77	15.25	16.61	1.04	26.97	14.59	47.82	15.6	306.69	36.57	2.29	59.36	
11/07/2024 18:30	19.45	6.35	124.77	15.25	16.57	1.09	26.86	14.59	47.82	15.6	306.69	36.5	2.4	59.17	
11/07/2024 18:35	19.45	6.35	124.77	15.25	16.54	1.06	27.22	14.59	47.82	15.6	306.69	36.45	2.34	59.97	
11/07/2024 18:40	19.45	6.35	124.77	15.25	16.53	1.1	27.84	14.6	47.82	15.6	306.69	36.47	2.44	61.41	
11/07/2024 18:45	19.45	6.35	124.77	15.25	16.62	1.1	27.21	14.6	47.82	15.6	306.69	36.69	2.42	60.07	
11/07/2024 18:50	19.45	6.35	124.77	15.25	16.72	1.19	27.09	14.61	47.82	15.6	306.69	36.95	2.63	59.86	
11/07/2024 18:55	19.45	6.35	124.77	15.25	16.62	1.16	27.32	14.61	47.82	15.6	306.69	36.71	2.57	60.33	
11/07/2024 19:00	19.45	6.35	124.77	15.25	16.47	1.08	26.36	14.6	47.82	15.6	306.69	36.36	2.39	58.2	
11/07/2024 19:05	19.45	6.35	124.77	15.25	16.79	1.14	25.47	14.61	47.82	15.6	306.69	37.11	2.52	56.28	
11/07/2024 19:10	19.45	6.35	124.77	15.25	16.43	0.94	24.81	14.61	47.82	15.6	306.69	36.3	2.07	54.81	
11/07/2024 19:15	19.45	6.35	124.77	15.25	16.53	1.01	24.49	14.61	47.82	15.6	306.69	36.5	2.22	54.1	
11/07/2024 19:20	19.45	6.35	124.77	15.25	16.55	1.03	23.94	14.61	47.82	15.6	306.69	36.57	2.28	52.9	
11/07/2024 19:25	19.45	6.35	124.77	15.25	16.79	1.11	23.47	14.61	47.82	15.6	306.69	37.13	2.46	51.88	
11/07/2024 19:30	19.45	6.35	124.77	15.25	16.65	1.02	23.88	14.62	47.82	15.6	306.69	36.84	2.26	52.81	
11/07/2024 19:35	19.45	6.35	124.77	15.25	16.85	1.26	25	14.62	47.82	15.6	306.69	37.3	2.78	55.32	
11/07/2024 19:40	19.45	6.35	124.77	15.25	16.58	1	25.49	14.61	47.82	15.6	306.69	36.66	2.22	56.36	
11/07/2024 19:45	19.45	6.35	124.77	15.25	16.86	1.4	26.7	14.62	47.82	15.6	306.69	37.3	3.1	59.06	
11/07/2024 19:50	19.45	6.35	124.77	15.25	16.78	1.41	27.32	14.62	47.82	15.6	306.69	37.15	3.12	60.47	
11/07/2024 19:55	19.45	6.35	124.77	15.25	16.89	1.4	27.06	14.62	47.82	15.6	306.69	37.38	3.11	59.87	
11/07/2024 20:00	19.45	6.35	124.77	15.25	17.06	1.47	27.52	14.62	47.82	15.6	306.69	37.78	3.26	60.93	
11/07/2024 20:05	19.45	6.35	124.77	15.25	16.89	1.53	28.07	14.62	47.82	15.6	306.69	37.39	3.39	62.11	
11/07/2024 20:10	19.45	6.35	124.77	15.25	16.92	1.5	27.85	14.62	47.82	15.6	306.69	37.46	3.32	61.64	
11/07/2024 20:15	19.45	6.35	124.77	15.25	16.96	1.6	28.15	14.63	47.82	15.6	306.69	37.56	3.55	62.36	
11/07/2024 20:20	19.45	6.35	124.77	15.25	16.71	1.22	27.2	14.62	47.82	15.6	306.69	36.98	2.7	60.21	
11/07/2024 20:25	19.45	6.35	124.77	15.25	16.97	1.45	26.76	14.63	47.82	15.6	306.69	37.59	3.22	59.29	
11/07/2024 20:30	19.45	6.35	124.77	15.25	16.78	1.41	27.85	14.63	47.82	15.6	306.69	37.19	3.12	61.71	
11/07/2024 20:35	19.45	6.35	124.77	15.25	16.75	1.43	28.4	14.63	47.82	15.6	306.69	37.12	3.17	62.93	
11/07/2024 20:40	19.45	6.35	124.77	15.25	16.86	1.49	28.58	14.63	47.82	15.6	306.69	37.36	3.31	63.33	
11/07/2024 20:45	19.45	6.35	124.77	15.25	17.02	1.59	27.69	14.63	47.82	15.6	306.69	37.72	3.53	61.38	
11/07/2024 20:50	19.45	6.35	124.77	15.25	16.93	1.53	28.19	14.64	47.82	15.6	306.69	37.57	3.4	62.56	
11/07/2024 20:55	19.45	6.35	124.77	15.25	16.98	1.54	27.72	14.64	47.82	15.6	306.69	37.67	3.43	61.51	
11/07/2024 21:00	19.45	6.35	124.77	15.25	16.89	1.51	28.48	14.63	47.82	15.6	306.69	37.46	3.36	63.17	
11/07/2024 21:05	19.45	6.35	124.77	15.25	16.81	1.55	28.82	14.63	47.82	15.6	306.69	37.29	3.44	63.92	
11/07/2024 21:10	19.45	6.35	124.77	15.25	16.78	1.51	28.59	14.63	47.82	15.6	306.69	37.21	3.34	63.38	
11/07/2024 21:15	19.45	6.35	124.77	15.25	16.84	1.5	27.6	14.63	47.82	15.6	306.69	37.34	3.32	61.2	
11/07/2024 21:20	19.45	6.35	124.77	15.25	16.74	1.49	26.88	14.63	47.82	15.6	306.69	37.12	3.3	59.6	
11/07/2024 21:25	19.45	6.35	124.77	15.25	16.88	1.5	27.54	14.64	47.82	15.6	306.69	37.47	3.33	61.12	
11/07/2024 21:30	19.45	6.35	124.77	15.25	16.73	1.56	28.92	14.64	47.82	15.6	306.69	37.12	3.46	64.17	
11/07/2024 21:35	19.45	6.35	124.77	15.25	16.78	1.53	28.34	14.63	47.82	15.6	306.69	37.23	3.39	62.88	
11/07/2024 21:40	19.45	6.35	124.77	15.25	16.89	1.52	27.52	14.63	47.82	15.6	306.69	37.45	3.38	61.03	
11/07/2024 21:45	19.45	6.35	124.77	15.25	16.73	1.44	27.85	14.63	47.82	15.6	306.69	37.1	3.2	61.77	
11/07/2024 21:50	19.45	6.35	124.77	15.25	16.81	1.54	27.8	14.63	47.82	15.6	306.69	37.29	3.42	61.68	
11/07/2024 21:55	19.45	6.35	124.77	15.25	16.77	1.58	28.74	14.64	47.82	15.6	306.69	37.24	3.5	63.82	
11/07/2024 22:00	19.45	6.35	124.77	15.25	16.76	1.51	27.43	14.64	47.82	15.6	306.69	37.21	3.35	60.91	
11/07/2024 22:05	19.45	6.35	124.77	15.25	16.74	1.51	27	14.64	47.82	15.6	306.69	37.15	3.36	59.91	
11/07/2024 22:10	19.45	6.35	124.77	15.25	16.86	1.59	27.53	14.64	47.82	15.6	306.69	37.44	3.54	61.13	
11/07/2024 22:15	19.45	6.35	124.77	15.25	16.68	1.54	28.41	14.64	47.82	15.6	306.69	37.05	3.42	63.1	
11/07/2024 22:20	19.45	6.35	124.77	15.25	16.77	1.59	27.89	14.64	47.82	15.6	306.69	37.25	3.54	61.93	
11/07/2024 22:25	19.45	6.35	124.77	15.25	16.77	1.45	27.16	14.64	47.82	15.6	306.69	37.24	3.22	60.32	
11/07/2024 22:30	19.45	6.35	124.77	15.25	16.93	1.61	26.63	14.64	47.82	15.6	306.69	37.61	3.59	59.16	
11/07/2024 22:35	19.45	6.35	124.77	15.25	16.83	1.62	27.11	14.65	47.82	15.6	306.69	37.41	3.59	60.26	
11/07/2024 22:40	19.45	6.35	124.77	15.25	16.82	1.59	26.92	14.64	47.82	15.6	306.69	37.38	3.53	59.82	
11/07/2024 22:45	19.45	6.35	124.77	15.25	16.78	1.62	27.63	14.64	47.82	15.6	306.69	37.28	3.61	61.37	
11/07/2024 22:50	19.45	6.35	124.77	15.25	16.8	1.6	27.88	14.64	47.82	15.6	306.69	37.3	3.56	61.9	
11/07/2024 22:55	19.45	6.35	124.77	15.25	16.75	1.63	27.27	14.64	47.82	15.6	306.69	37.18	3.62	60.52	
11/07/2024 23:00	19.45	6.35	124.77	15.25	16.74	1.58	27.45	14.64	47.82	15.6	306.69	37.18	3.51	60.97	
11/07/2024 23:05	19.45	6.35	124.77	15.25	16.73	1.64	27.94	14.64	47.82	15.6	306.69	37.14	3.65	62.02	
11/07/2024 23:10	19.45	6.35	124.77	15.25	16.59	1.68	28.7	14.64	47.82	15.6	306.69	36.82	3.72	63.71	
11/07/2024 23:15	19.45	6.35	124.77	15.25	16.62	1.68	28.37	14.64	47.82	15.6	306.69	36.89	3.72	62.96	
11/07/2024 23:20	19.45	6.35	124.77	15.25	16.62	1.57	28.19	14.64	47.82	15.6	306.69	36.9	3.48	62.58	
11/07/2024 23:25	19.45	6.35	124.77	15.25	16.62	1.63	28.01	14.64	47.82	15.6	306.69	36.9	3.61	62.19	
11/07/2024 23:30	19.45	6.35	124.77	15.25	16.76	1.72	27.98	14.64	47.82	15.6	306.69	37.22	3.81	62.14	
11/07/2024 23:35	19.45	6.35	124.77	15.25	16.43	1.48	27.95	14.64	47.82	15.6	306.69	36.49	3.29	62.06	
11/07/2024 23:40	19.45	6.35	124.77	15.25	16.68	1.63	27.73	14.65	47.82	15.6	306.69	37.09	3.61	61.63	
11/07/2024 23:45	19.45	6.35	124.77	15.25	16.8	1.62	27.35	14.64	47.82	15.6	306.69	37.32	3.61	60.76	
11/07/2024 23:50	19.45	6.35	124.77												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
12/07/2024 01:25	19.45	6.35	124.77	15.25	16.69	1.69	27.75	14.64	47.82	15.6	306.69	37.08	3.75	61.66	
12/07/2024 01:30	19.45	6.35	124.77	15.25	16.64	1.7	27.9	14.64	47.82	15.6	306.69	36.97	3.77	61.99	
12/07/2024 01:35	19.45	6.35	124.77	15.25	16.61	1.72	27.93	14.65	47.82	15.6	306.69	36.92	3.81	62.09	
12/07/2024 01:40	19.45	6.35	124.77	15.25	16.7	1.67	27.79	14.64	47.82	15.6	306.69	37.11	3.7	61.73	
12/07/2024 01:45	19.45	6.35	124.77	15.25	16.68	1.67	28.07	14.64	47.82	15.6	306.69	37.06	3.71	62.36	
12/07/2024 01:50	19.45	6.35	124.77	15.25	16.58	1.69	27.78	14.64	47.82	15.6	306.69	36.83	3.74	61.7	
12/07/2024 01:55	19.45	6.35	124.77	15.25	16.68	1.68	27.52	14.64	47.82	15.6	306.69	37.06	3.73	61.12	
12/07/2024 02:00	19.45	6.35	124.77	15.25	16.78	1.78	27.53	14.64	47.82	15.6	306.69	37.29	3.95	61.16	
12/07/2024 02:05	19.45	6.35	124.77	15.25	16.51	1.59	27.61	14.64	47.82	15.6	306.69	36.67	3.53	61.3	
12/07/2024 02:10	19.45	6.35	124.77	15.25	16.77	1.73	27.75	14.64	47.82	15.6	306.69	37.25	3.84	61.64	
12/07/2024 02:15	19.45	6.35	124.77	15.25	16.57	1.68	27.68	14.64	47.82	15.6	306.69	36.79	3.72	61.46	
12/07/2024 02:20	19.45	6.35	124.77	15.25	16.62	1.75	27.58	14.64	47.82	15.6	306.69	36.91	3.89	61.25	
12/07/2024 02:25	19.45	6.35	124.77	15.25	16.78	1.72	27.75	14.64	47.82	15.6	306.69	37.28	3.82	61.63	
12/07/2024 02:30	19.45	6.35	124.77	15.25	16.71	1.75	27.96	14.65	47.82	15.6	306.69	37.15	3.9	62.15	
12/07/2024 02:35	19.45	6.35	124.77	15.25	16.47	1.66	27.93	14.64	47.82	15.6	306.69	36.6	3.7	62.07	
12/07/2024 02:40	19.45	6.35	124.77	15.25	16.62	1.71	28.02	14.65	47.82	15.6	306.69	36.95	3.81	62.29	
12/07/2024 02:45	19.45	6.35	124.77	15.25	16.6	1.75	28.5	14.65	47.82	15.6	306.69	36.9	3.9	63.38	
12/07/2024 02:50	19.45	6.35	124.77	15.25	16.61	1.74	28.08	14.65	47.82	15.6	306.69	36.92	3.86	62.42	
12/07/2024 02:55	19.45	6.35	124.77	15.25	16.55	1.81	28.04	14.65	47.82	15.6	306.69	36.81	4.02	62.34	
12/07/2024 03:00	19.45	6.35	124.77	15.25	16.62	1.72	28.27	14.65	47.82	15.6	306.69	36.96	3.83	62.86	
12/07/2024 03:05	19.45	6.35	124.77	15.25	16.5	1.73	28.43	14.65	47.82	15.6	306.69	36.7	3.84	63.23	
12/07/2024 03:10	19.45	6.35	124.77	15.25	16.54	1.78	29.03	14.65	47.82	15.6	306.69	36.79	3.96	64.57	
12/07/2024 03:15	19.45	6.35	124.77	15.25	16.68	1.77	28.09	14.65	47.82	15.6	306.69	37.11	3.93	62.48	
12/07/2024 03:20	19.45	6.35	124.77	15.25	16.55	1.76	27.92	14.65	47.82	15.6	306.69	36.81	3.91	62.11	
12/07/2024 03:25	19.45	6.35	124.77	15.25	16.54	1.76	28.19	14.65	47.82	15.6	306.69	36.82	3.93	62.74	
12/07/2024 03:30	19.45	6.35	124.77	15.25	16.72	1.85	28.26	14.65	47.82	15.6	306.69	37.19	4.11	62.86	
12/07/2024 03:35	19.45	6.35	124.77	15.25	16.52	1.69	28.12	14.65	47.82	15.6	306.69	36.74	3.77	62.53	
12/07/2024 03:40	19.45	6.35	124.77	15.25	16.53	1.77	28.11	14.65	47.82	15.6	306.69	36.76	3.93	62.5	
12/07/2024 03:45	19.45	6.35	124.77	15.25	16.6	1.81	27.88	14.65	47.82	15.6	306.69	36.93	4.03	62	
12/07/2024 03:50	19.45	6.35	124.77	15.25	16.57	1.8	27.86	14.65	47.82	15.6	306.69	36.84	4.01	61.96	
12/07/2024 03:55	19.45	6.35	124.77	15.25	16.63	1.8	27.96	14.65	47.82	15.6	306.69	36.98	4	62.18	
12/07/2024 04:00	19.45	6.35	124.77	15.25	16.66	1.82	27.97	14.65	47.82	15.6	306.69	37.06	4.05	62.21	
12/07/2024 04:05	19.45	6.35	124.77	15.25	16.58	1.75	27.62	14.65	47.82	15.6	306.69	36.88	3.9	61.41	
12/07/2024 04:10	19.45	6.35	124.77	15.25	16.65	1.8	27.93	14.65	47.82	15.6	306.69	37.04	3.99	62.13	
12/07/2024 04:15	19.45	6.35	124.77	15.25	16.8	1.74	27.19	14.65	47.82	15.6	306.69	37.38	3.87	60.49	
12/07/2024 04:20	19.45	6.35	124.77	15.25	16.68	1.76	27.22	14.65	47.82	15.6	306.69	37.09	3.91	60.53	
12/07/2024 04:25	19.45	6.35	124.77	15.25	16.64	1.7	26.57	14.65	47.82	15.6	306.69	37.01	3.77	59.08	
12/07/2024 04:30	19.45	6.35	124.77	15.25	16.73	1.74	26.41	14.65	47.82	15.6	306.69	37.21	3.86	58.75	
12/07/2024 04:35	19.45	6.35	124.77	15.25	16.75	1.69	26.3	14.65	47.82	15.6	306.69	37.26	3.75	58.5	
12/07/2024 04:40	19.45	6.35	124.77	15.25	16.75	1.76	26.8	14.65	47.82	15.6	306.69	37.27	3.92	59.63	
12/07/2024 04:45	19.45	6.35	124.77	15.25	16.63	1.76	27.35	14.65	47.82	15.6	306.69	36.99	3.92	60.85	
12/07/2024 04:50	19.45	6.35	124.77	15.25	16.6	1.8	27.48	14.65	47.82	15.6	306.69	36.92	4	61.12	
12/07/2024 04:55	19.45	6.35	124.77	15.25	16.61	1.75	27.83	14.65	47.82	15.6	306.69	36.95	3.89	61.91	
12/07/2024 05:00	19.45	6.35	124.77	15.25	16.58	1.82	28.34	14.65	47.82	15.6	306.69	36.89	4.05	63.06	
12/07/2024 05:05	19.45	6.35	124.77	15.25	16.65	1.84	28.35	14.65	47.82	15.6	306.69	37.04	4.1	63.08	
12/07/2024 05:10	19.45	6.35	124.77	15.25	16.37	1.62	27.91	14.65	47.82	15.6	306.69	36.4	3.61	62.06	
12/07/2024 05:15	19.45	6.35	124.77	15.25	16.57	1.76	27.14	14.65	47.82	15.6	306.69	36.84	3.9	60.35	
12/07/2024 05:20	19.45	6.35	124.77	15.25	16.74	1.75	26.39	14.65	47.82	15.6	306.69	37.21	3.88	58.69	
12/07/2024 05:25	19.45	6.35	124.77	15.25	16.6	1.71	26.44	14.65	47.82	15.6	306.69	36.9	3.81	58.77	
12/07/2024 05:30	19.45	6.35	124.77	15.25	16.76	1.68	25.43	14.65	47.82	15.6	306.69	37.25	3.74	56.54	
12/07/2024 05:35	19.45	6.35	124.77	15.25	16.8	1.65	24.41	14.65	47.82	15.6	306.69	37.34	3.66	54.24	
12/07/2024 05:40	19.45	6.35	124.77	15.25	16.88	1.58	23.87	14.64	47.82	15.6	306.69	37.51	3.52	53.02	
12/07/2024 05:45	19.45	6.35	124.77	15.25	16.96	1.61	23.58	14.64	47.82	15.6	306.69	37.69	3.58	52.4	
12/07/2024 05:50	19.45	6.35	124.77	15.25	17.11	1.6	23.15	14.65	47.82	15.6	306.69	38.03	3.55	51.46	
12/07/2024 05:55	19.45	6.35	124.77	15.25	16.98	1.57	22.86	14.65	47.82	15.6	306.69	37.75	3.48	50.81	
12/07/2024 06:00	19.45	6.35	124.77	15.25	16.97	1.55	22.15	14.65	47.82	15.6	306.69	37.73	3.46	49.26	
12/07/2024 06:05	19.45	6.35	124.77	15.25	17.04	1.57	21.86	14.65	47.82	15.6	306.69	37.9	3.49	48.61	
12/07/2024 06:10	19.45	6.35	124.77	15.25	17.14	1.51	21.98	14.65	47.82	15.6	306.69	38.1	3.35	48.88	
12/07/2024 06:15	19.45	6.35	124.77	15.25	17.15	1.59	21.48	14.65	47.82	15.6	306.69	38.13	3.54	47.77	
12/07/2024 06:20	19.45	6.35	124.77	15.25	17.09	1.39	21.24	14.65	47.82	15.6	306.69	37.98	3.09	47.2	
12/07/2024 06:25	19.45	6.35	124.77	15.25	17.18	1.52	21.42	14.65	47.82	15.6	306.69	38.18	3.38	47.61	
12/07/2024 06:30	19.45	6.35	124.77	15.25	17.13	1.48	21.31	14.64	47.82	15.6	306.69	38.06	3.28	47.35	
12/07/2024 06:35	19.45	6.35	124.77	15.25	17.13	1.47	21.38	14.64	47.82	15.6	306.69	38.06	3.27	47.5	
12/07/2024 06:40	19.45	6.35	124.77	15.25	17.15	1.44	21.02	14.64	47.82	15.6	306.69	38.1	3.21	46.7	
12/07/2024 06:45	19.45	6.35	124.77	15.25	17.2	1.43	20.91	14.65	47.82	15.6	306.69	38.22	3.17	46.46	
12/07/2024 06:50	19.45	6.35	124.77	15.25	17.22	1.41	20.52	14.64	47.82	15.6	306.69	38.26	3.14	45.61	
12/07/2024 06:55	19.45	6.35	124.77	15.25	17.28	1.56	21.07	14.65	47.82	15.6	306.69	38.42	3.47	46.84	
12/07/2024 07:00	19.45	6.35	124.77	15.25	17.08	1.39	20.9	14.65	47.82	15.6	306.69	37.98	3.1	46.46	
12/07/2024 07:05	19.45	6.35	124.77	15.25	17.14	1.38	20.95	14.65	47.82	15.6	306.69	38.13	3.06	46.59	
12/07/2024 07:10	19.45	6.35	124.77	15.25	17.12	1.47	21.54	14.65	47.82	15.6	306.69	38.09	3.27	47.92	
12/07/2024 07:15	19.45	6.35	124.77	15.25	17.33	1.51	21.38	14.65	47.82	15.6	306.69	38.56	3.37	47.57	
12/07/2024 07:20	19.45	6.35	124.77	15.25	16.98	1.23	21.53	14.65	47.82	15.6	306.69	37.76	2.73	47.86	
12/07/2024 07:25	19.45	6.35	124.77	15.25	17.34										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
12/07/2024 09:00	19.45	6.35	124.77	15.25	17.1	1.18	24.42	14.61	47.82	15.6	306.69	37.78	2.61	53.98	
12/07/2024 09:05	19.45	6.35	124.77	15.25	17.15	1.22	24	14.61	47.82	15.6	306.69	37.87	2.7	53	
12/07/2024 09:10	19.45	6.35	124.77	15.25	17.19	1.14	24.23	14.61	47.82	15.6	306.69	37.97	2.53	53.54	
12/07/2024 09:15	19.45	6.35	124.77	15.25	17.1	1.16	25.02	14.61	47.82	15.6	306.69	37.8	2.57	55.29	
12/07/2024 09:20	19.45	6.35	124.77	15.25	17.17	1.16	25.99	14.61	47.82	15.6	306.69	37.93	2.55	57.43	
12/07/2024 09:25	19.45	6.35	124.77	15.25	17.15	1	24.48	14.6	47.82	15.6	306.69	37.85	2.21	54.01	
12/07/2024 09:30	19.45	6.35	124.77	15.25	17.1	1.01	25.79	14.6	47.82	15.6	306.69	37.74	2.24	56.91	
12/07/2024 09:35	19.45	6.35	124.77	15.25	17	0.95	25.07	14.59	47.82	15.6	306.69	37.48	2.1	55.26	
12/07/2024 09:40	19.45	6.35	124.77	15.25	17.29	1.06	24.34	14.59	47.82	15.6	306.69	38.1	2.33	53.64	
12/07/2024 09:45	19.45	6.35	124.77	15.25	17.06	0.84	24.66	14.59	47.82	15.6	306.69	37.6	1.85	54.35	
12/07/2024 09:50	19.45	6.35	124.77	15.25	17.15	0.93	24.55	14.6	47.82	15.6	306.69	37.81	2.05	54.13	
12/07/2024 09:55	19.45	6.35	124.77	15.25	17.11	0.81	24.01	14.59	47.82	15.6	306.69	37.68	1.79	52.88	
12/07/2024 10:00	19.45	6.35	124.77	15.25	17.06	0.85	24.5	14.59	47.82	15.6	306.69	37.56	1.86	53.92	
12/07/2024 10:05	19.45	6.35	124.77	15.25	17.17	0.78	23.98	14.58	47.82	15.6	306.69	37.78	1.71	52.75	
12/07/2024 10:10	19.45	6.35	124.77	15.25	17.18	0.83	24.66	14.58	47.82	15.6	306.69	37.77	1.83	54.23	
12/07/2024 10:15	19.45	6.35	124.77	15.25	17.1	0.79	24.75	14.58	47.82	15.6	306.69	37.6	1.73	54.4	
12/07/2024 10:20	19.45	6.35	124.77	15.25	17.06	0.77	24.51	14.57	47.82	15.6	306.69	37.47	1.69	53.82	
12/07/2024 10:25	19.45	6.35	124.77	15.25	16.98	0.7	24.24	14.57	47.82	15.6	306.69	37.28	1.53	53.21	
12/07/2024 10:30	19.45	6.35	124.77	15.25	17.06	0.61	23.86	14.56	47.82	15.6	306.69	37.43	1.34	52.34	
12/07/2024 10:35	19.45	6.35	124.77	15.25	17.31	0.91	24.78	14.56	47.82	15.6	306.69	37.98	2	54.36	
12/07/2024 10:40	19.45	6.35	124.77	15.25	16.97	0.65	24.51	14.56	47.82	15.6	306.69	37.2	1.41	53.75	
12/07/2024 10:45	19.45	6.35	124.77	15.25	17.07	0.79	25.13	14.56	47.82	15.6	306.69	37.41	1.73	55.08	
12/07/2024 10:50	19.45	6.35	124.77	15.25	17.01	0.76	25.09	14.56	47.82	15.6	306.69	37.28	1.67	54.98	
12/07/2024 10:55	19.45	6.35	124.77	15.25	17.14	0.85	25.48	14.55	47.82	15.6	306.69	37.54	1.86	55.81	
12/07/2024 11:00	19.45	6.35	124.77	15.25	16.84	0.74	24.98	14.55	47.82	15.6	306.69	36.89	1.61	54.7	
12/07/2024 11:05	19.45	6.35	124.77	15.25	16.99	0.8	24.85	14.55	47.82	15.6	306.69	37.22	1.74	54.43	
12/07/2024 11:10	19.45	6.35	124.77	15.25	16.97	0.93	25.06	14.56	47.82	15.6	306.69	37.2	2.05	54.93	
12/07/2024 11:15	19.45	6.35	124.77	15.25	16.93	0.82	25.11	14.56	47.82	15.6	306.69	37.15	1.79	55.09	
12/07/2024 11:20	19.45	6.35	124.77	15.25	17.03	0.75	24.54	14.57	47.82	15.6	306.69	37.37	1.65	53.85	
12/07/2024 11:25	19.45	6.35	124.77	15.25	16.97	0.7	24.71	14.56	47.82	15.6	306.69	37.23	1.54	54.21	
12/07/2024 11:30	19.45	6.35	124.77	15.25	17.23	0.93	25.49	14.57	47.82	15.6	306.69	37.81	2.05	55.94	
12/07/2024 11:35	19.45	6.35	124.77	15.25	16.88	0.53	24.98	14.56	47.82	15.6	306.69	37.01	1.17	54.77	
12/07/2024 11:40	19.45	6.35	124.77	15.25	17.16	0.72	24.79	14.56	47.82	15.6	306.69	37.62	1.58	54.34	
12/07/2024 11:45	19.45	6.35	124.77	15.25	16.88	0.54	24.72	14.56	47.82	15.6	306.69	36.99	1.19	54.15	
12/07/2024 11:50	19.45	6.35	124.77	15.25	17.23	0.63	24.14	14.56	47.82	15.6	306.69	37.75	1.39	52.9	
12/07/2024 11:55	19.45	6.35	124.77	15.25	17.11	0.55	24.31	14.55	47.82	15.6	306.69	37.44	1.19	53.17	
12/07/2024 12:00	19.45	6.35	124.77	15.25	17.11	0.46	24.23	14.54	47.82	15.6	306.69	37.39	1	52.96	
12/07/2024 12:05	19.45	6.35	124.77	15.25	16.92	0.33	23.55	14.53	47.82	15.6	306.69	36.94	0.73	51.39	
12/07/2024 12:10	19.45	6.35	124.77	15.25	17.09	0.52	24	14.53	47.82	15.6	306.69	37.31	1.13	52.38	
12/07/2024 12:15	19.45	6.35	124.77	15.25	17.11	0.46	24.31	14.53	47.82	15.6	306.69	37.32	1	53.05	
12/07/2024 12:20	19.45	6.35	124.77	15.25	16.93	0.43	24.58	14.53	47.82	15.6	306.69	36.93	0.94	53.61	
12/07/2024 12:25	19.45	6.35	124.77	15.25	17.01	0.35	23.99	14.52	47.82	15.6	306.69	37.09	0.76	52.29	
12/07/2024 12:30	19.45	6.35	124.77	15.25	16.95	0.26	24.24	14.52	47.82	15.6	306.69	36.92	0.58	52.79	
12/07/2024 12:35	19.45	6.35	124.77	15.25	16.87	0.28	24.73	14.51	47.82	15.6	306.69	36.72	0.62	53.84	
12/07/2024 12:40	19.45	6.35	124.77	15.25	16.94	0.43	25.1	14.51	47.82	15.6	306.69	36.87	0.93	54.64	
12/07/2024 12:45	19.45	6.35	124.77	15.25	16.79	0.27	24.3	14.51	47.82	15.6	306.69	36.55	0.58	52.88	
12/07/2024 12:50	19.45	6.35	124.77	15.25	16.88	0.38	25.23	14.51	47.82	15.6	306.69	36.75	0.83	54.93	
12/07/2024 12:55	19.45	6.35	124.77	15.25	16.74	0.35	25.54	14.51	47.82	15.6	306.69	36.43	0.77	55.58	
12/07/2024 13:00	19.45	6.35	124.77	15.25	17.03	0.46	25.13	14.51	47.82	15.6	306.69	37.05	1.01	54.65	
12/07/2024 13:05	19.45	6.35	124.77	15.25	16.98	0.29	24.87	14.51	47.82	15.6	306.69	36.92	0.62	54.08	
12/07/2024 13:10	19.45	6.35	124.77	15.25	16.78	0.11	24.2	14.5	47.82	15.6	306.69	36.46	0.23	52.6	
12/07/2024 13:15	19.45	6.35	124.77	15.25	16.7	0.19	24.67	14.5	47.82	15.6	306.69	36.29	0.41	53.62	
12/07/2024 13:20	19.45	6.35	124.77	15.25	16.84	0.34	24.95	14.51	47.82	15.6	306.69	36.61	0.73	54.26	
12/07/2024 13:25	19.45	6.35	124.77	15.25	16.91	0.3	24.12	14.51	47.82	15.6	306.69	36.78	0.65	52.47	
12/07/2024 13:30	19.45	6.35	124.77	15.25	16.8	0.16	24	14.51	47.82	15.6	306.69	36.52	0.35	52.18	
12/07/2024 13:35	19.45	6.35	124.77	15.25	16.79	0.26	24.27	14.51	47.82	15.6	306.69	36.5	0.57	52.75	
12/07/2024 13:40	19.45	6.35	124.77	15.25	16.79	0.35	24.59	14.51	47.82	15.6	306.69	36.53	0.76	53.5	
12/07/2024 13:45	19.45	6.35	124.77	15.25	16.7	0.24	23.9	14.51	47.82	15.6	306.69	36.32	0.51	51.97	
12/07/2024 13:50	19.45	6.35	124.77	15.25	16.75	0.13	23.42	14.5	47.82	15.6	306.69	36.38	0.28	50.87	
12/07/2024 13:55	19.45	6.35	124.77	15.25	16.51	0.03	24.21	14.5	47.82	15.6	306.69	35.85	0.07	52.56	
12/07/2024 14:00	19.45	6.35	124.77	15.25	16.64	0.21	24.06	14.5	47.82	15.6	306.69	36.14	0.47	52.25	
12/07/2024 14:05	19.45	6.35	124.77	15.25	16.73	0.16	24.02	14.5	47.82	15.6	306.69	36.33	0.35	52.18	
12/07/2024 14:10	19.45	6.35	124.77	15.25	16.72	0.14	24.5	14.5	47.82	15.6	306.69	36.32	0.31	53.23	
12/07/2024 14:15	19.45	6.35	124.77	15.25	16.69	0.08	23.74	14.5	47.82	15.6	306.69	36.27	0.17	51.57	
12/07/2024 14:20	19.45	6.35	124.77	15.25	16.73	0.06	24.13	14.5	47.82	15.6	306.69	36.33	0.14	52.41	
12/07/2024 14:25	19.45	6.35	124.77	15.25	16.64	0.04	24.23	14.5	47.82	15.6	306.69	36.16	0.09	52.65	
12/07/2024 14:30	19.45	6.35	124.77	15.25	16.52	0.04	25.13	14.5	47.82	15.6	306.69	35.88	0.08	54.58	
12/07/2024 14:35	19.45	6.35	124.77	15.25	16.43	0.01	25.27	14.5	47.82	15.6	306.69	35.7	0.02	54.91	
12/07/2024 14:40	19.45	6.35	124.77	15.25	16.18	0	24.95	14.5	47.82	15.6	306.69	35.16	0	54.21	
12/07/2024 14:45	19.45	6.35	124.77	15.25	16.45	0.01	24.89	14.51	47.82	15.6	306.69	35.76	0.02	54.12	
12/07/2024 14:50	19.45	6.35	124.77	15.25	16.53	0.03	24.6	14.51	47.82	15.6	306.69	35.93	0.06	53.5	
12/07/2024 14:55	19.45	6.35	124.77	15.25	16.59	0.03	24.48	14.51	47.82	15.6	306.69	36.05	0.07	53.21	
12/07/2024 15:00	19.45	6.35	124.77	15.25	16.39	0	24.95	14.5							



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
12/07/2024 16:35	19.45	6.35	124.77	15.25	16.72	0.31	25.21	14.53	47.82	15.6	306.69	36.48	0.68	55.02	
12/07/2024 16:40	19.45	6.35	124.77	15.25	16.74	0.45	25.68	14.53	47.82	15.6	306.69	36.54	0.97	56.06	
12/07/2024 16:45	19.45	6.35	124.77	15.25	16.69	0.39	25.29	14.53	47.82	15.6	306.69	36.43	0.85	55.21	
12/07/2024 16:50	19.45	6.35	124.77	15.25	16.81	0.54	24.95	14.54	47.82	15.6	306.69	36.72	1.18	54.51	
12/07/2024 16:55	19.45	6.35	124.77	15.25	16.78	0.38	24.32	14.54	47.82	15.6	306.69	36.68	0.83	53.16	
12/07/2024 17:00	19.45	6.35	124.77	15.25	16.89	0.44	23.98	14.54	47.82	15.6	306.69	36.92	0.97	52.42	
12/07/2024 17:05	19.45	6.35	124.77	15.25	16.87	0.5	24.96	14.54	47.82	15.6	306.69	36.9	1.1	54.58	
12/07/2024 17:10	19.45	6.35	124.77	15.25	16.87	0.58	24.86	14.54	47.82	15.6	306.69	36.89	1.28	54.37	
12/07/2024 17:15	19.45	6.35	124.77	15.25	16.98	0.63	24.88	14.55	47.82	15.6	306.69	37.18	1.38	54.47	
12/07/2024 17:20	19.45	6.35	124.77	15.25	16.78	0.48	25.04	14.55	47.82	15.6	306.69	36.72	1.06	54.79	
12/07/2024 17:25	19.45	6.35	124.77	15.25	17.09	0.66	24.38	14.55	47.82	15.6	306.69	37.41	1.44	53.39	
12/07/2024 17:30	19.45	6.35	124.77	15.25	17.09	0.67	24.56	14.55	47.82	15.6	306.69	37.42	1.46	53.79	
12/07/2024 17:35	19.45	6.35	124.77	15.25	17.04	0.66	24.68	14.55	47.82	15.6	306.69	37.32	1.45	54.06	
12/07/2024 17:40	19.45	6.35	124.77	15.25	16.75	0.61	25.84	14.56	47.82	15.6	306.69	36.7	1.35	56.62	
12/07/2024 17:45	19.45	6.35	124.77	15.25	16.82	0.69	25.8	14.56	47.82	15.6	306.69	36.86	1.5	56.55	
12/07/2024 17:50	19.45	6.35	124.77	15.25	16.55	0.8	25.53	14.54	47.82	15.6	306.69	36.18	1.76	55.83	
12/07/2024 17:55	19.45	6.35	124.77	15.25	16.06	0.67	24.36	14.53	47.82	15.6	306.69	35.07	1.47	53.19	
12/07/2024 18:00	19.45	6.35	124.77	15.25	16.06	0.68	24.41	14.54	47.82	15.6	306.69	35.08	1.48	53.32	
12/07/2024 18:05	19.45	6.35	124.77	15.25	16.16	0.65	24.46	14.54	47.82	15.6	306.69	35.31	1.43	53.43	
12/07/2024 18:10	19.45	6.35	124.77	15.25	16.16	0.69	24.98	14.54	47.82	15.6	306.69	35.31	1.52	54.58	
12/07/2024 18:15	19.45	6.35	124.77	15.25	16.27	0.72	24.91	14.54	47.82	15.6	306.69	35.56	1.57	54.44	
12/07/2024 18:20	19.45	6.35	124.77	15.25	16.79	0.87	24.66	14.56	47.82	15.6	306.69	36.81	1.9	54.04	
12/07/2024 18:25	19.45	6.35	124.77	15.25	17.21	0.94	24.89	14.58	47.82	15.6	306.69	37.82	2.06	54.7	
12/07/2024 18:30	19.45	6.35	124.77	15.25	17.25	0.98	24.43	14.57	47.82	15.6	306.69	37.9	2.16	53.69	
12/07/2024 18:35	19.45	6.35	124.77	15.25	17.26	0.86	24.36	14.58	47.82	15.6	306.69	37.94	1.89	53.54	
12/07/2024 18:40	19.45	6.35	124.77	15.25	17.1	0.86	24.95	14.58	47.82	15.6	306.69	37.58	1.88	54.85	
12/07/2024 18:45	19.45	6.35	124.77	15.25	17.17	0.97	25.34	14.58	47.82	15.6	306.69	37.73	2.14	55.7	
12/07/2024 18:50	19.45	6.35	124.77	15.25	16.91	0.92	25.46	14.58	47.82	15.6	306.69	37.16	2.02	55.95	
12/07/2024 18:55	19.45	6.35	124.77	15.25	17.02	1.01	25.26	14.58	47.82	15.6	306.69	37.44	2.22	55.56	
12/07/2024 19:00	19.45	6.35	124.77	15.25	17.13	1.04	25.01	14.58	47.82	15.6	306.69	37.68	2.28	55.01	
12/07/2024 19:05	19.45	6.35	124.77	15.25	16.67	0.78	25.18	14.58	47.82	15.6	306.69	36.65	1.72	55.37	
12/07/2024 19:10	19.45	6.35	124.77	15.25	17.12	1.16	26.06	14.59	47.82	15.6	306.69	37.7	2.55	57.37	
12/07/2024 19:15	19.45	6.35	124.77	15.25	16.89	1.01	25.58	14.59	47.82	15.6	306.69	37.19	2.22	56.32	
12/07/2024 19:20	19.45	6.35	124.77	15.25	17.13	1.15	25.55	14.59	47.82	15.6	306.69	37.74	2.53	56.27	
12/07/2024 19:25	19.45	6.35	124.77	15.25	17.08	1.2	25.92	14.59	47.82	15.6	306.69	37.61	2.65	57.09	
12/07/2024 19:30	19.45	6.35	124.77	15.25	16.99	1.2	26.28	14.59	47.82	15.6	306.69	37.43	2.65	57.9	
12/07/2024 19:35	19.45	6.35	124.77	15.25	17.12	1.24	25.56	14.59	47.82	15.6	306.69	37.73	2.73	56.34	
12/07/2024 19:40	19.45	6.35	124.77	15.25	16.96	1.21	25.79	14.59	47.82	15.6	306.69	37.37	2.66	56.85	
12/07/2024 19:45	19.45	6.35	124.77	15.25	17.02	1.29	27.11	14.59	47.82	15.6	306.69	37.52	2.84	59.75	
12/07/2024 19:50	19.45	6.35	124.77	15.25	17.04	1.29	27.2	14.6	47.82	15.6	306.69	37.57	2.85	59.98	
12/07/2024 19:55	19.45	6.35	124.77	15.25	17.02	1.36	27.51	14.6	47.82	15.6	306.69	37.53	3	60.69	
12/07/2024 20:00	19.45	6.35	124.77	15.25	17.08	1.36	27	14.6	47.82	15.6	306.69	37.67	3	59.56	
12/07/2024 20:05	19.45	6.35	124.77	15.25	16.99	1.45	28.01	14.6	47.82	15.6	306.69	37.49	3.2	61.82	
12/07/2024 20:10	19.45	6.35	124.77	15.25	16.92	1.45	28.27	14.6	47.82	15.6	306.69	37.36	3.2	62.42	
12/07/2024 20:15	19.45	6.35	124.77	15.25	16.95	1.5	27.76	14.61	47.82	15.6	306.69	37.44	3.3	61.3	
12/07/2024 20:20	19.45	6.35	124.77	15.25	17.11	1.46	27.72	14.61	47.82	15.6	306.69	37.79	3.23	61.23	
12/07/2024 20:25	19.45	6.35	124.77	15.25	17.09	1.46	27.23	14.61	47.82	15.6	306.69	37.78	3.23	60.17	
12/07/2024 20:30	19.45	6.35	124.77	15.25	16.91	1.5	27.58	14.61	47.82	15.6	306.69	37.36	3.32	60.94	
12/07/2024 20:35	19.45	6.35	124.77	15.25	17	1.49	27.52	14.61	47.82	15.6	306.69	37.57	3.29	60.84	
12/07/2024 20:40	19.45	6.35	124.77	15.25	17.04	1.53	27.36	14.61	47.82	15.6	306.69	37.68	3.38	60.5	
12/07/2024 20:45	19.45	6.35	124.77	15.25	17	1.53	27.36	14.61	47.82	15.6	306.69	37.58	3.39	60.47	
12/07/2024 20:50	19.45	6.35	124.77	15.25	17.01	1.54	27.1	14.61	47.82	15.6	306.69	37.59	3.4	59.88	
12/07/2024 20:55	19.45	6.35	124.77	15.25	16.97	1.58	27.64	14.61	47.82	15.6	306.69	37.5	3.49	61.09	
12/07/2024 21:00	19.45	6.35	124.77	15.25	16.94	1.62	27.63	14.61	47.82	15.6	306.69	37.44	3.57	61.08	
12/07/2024 21:05	19.45	6.35	124.77	15.25	17.05	1.6	27.44	14.61	47.82	15.6	306.69	37.7	3.54	60.68	
12/07/2024 21:10	19.45	6.35	124.77	15.25	16.91	1.64	27.87	14.62	47.82	15.6	306.69	37.41	3.63	61.65	
12/07/2024 21:15	19.45	6.35	124.77	15.25	17	1.62	26.83	14.62	47.82	15.6	306.69	37.6	3.58	59.35	
12/07/2024 21:20	19.45	6.35	124.77	15.25	16.87	1.62	26.67	14.62	47.82	15.6	306.69	37.31	3.57	58.99	
12/07/2024 21:25	19.45	6.35	124.77	15.25	16.99	1.58	26.34	14.62	47.82	15.6	306.69	37.59	3.5	58.28	
12/07/2024 21:30	19.45	6.35	124.77	15.25	17.18	1.64	26.57	14.62	47.82	15.6	306.69	38.01	3.63	58.77	
12/07/2024 21:35	19.45	6.35	124.77	15.25	17.2	1.62	26.14	14.62	47.82	15.6	306.69	38.04	3.58	57.84	
12/07/2024 21:40	19.45	6.35	124.77	15.25	17.15	1.64	26.19	14.62	47.82	15.6	306.69	37.94	3.63	57.92	
12/07/2024 21:45	19.45	6.35	124.77	15.25	17.06	1.68	26.78	14.61	47.82	15.6	306.69	37.73	3.72	59.22	
12/07/2024 21:50	19.45	6.35	124.77	15.25	17.42	1.69	26.66	14.61	47.82	15.6	306.69	38.51	3.74	58.96	
12/07/2024 21:55	19.45	6.35	124.77	15.25	17.39	1.73	27.37	14.62	47.82	15.6	306.69	38.49	3.83	60.56	
12/07/2024 22:00	19.45	6.35	124.77	15.25	17.22	1.74	26.57	14.62	47.82	15.6	306.69	38.11	3.84	58.8	
12/07/2024 22:05	19.45	6.35	124.77	15.25	17.11	1.73	26.25	14.62	47.82	15.6	306.69	37.85	3.83	58.07	
12/07/2024 22:10	19.45	6.35	124.77	15.25	17.1	1.76	26.52	14.62	47.82	15.6	306.69	37.85	3.89	58.69	
12/07/2024 22:15	19.45	6.35	124.77	15.25	17.04	1.76	26.38	14.62	47.82	15.6	306.69	37.71	3.89	58.39	
12/07/2024 22:20	19.45	6.35	124.77	15.25	17.07	1.81	26.72	14.62	47.82	15.6	306.69	37.79	4.01	59.15	
12/07/2024 22:25	19.45	6.35	124.77	15.25	17.12	1.79	26.65	14.62	47.82	15.6	306.69	37.92	3.97	59.02	
12/07/2024 22:30	19.45	6.35	124.77	15.25	17.01	1.81	26.39	14.62	47.82	15.6	306.69	37.67	4.01	58.44	
12/07/2024 22:35	19.45	6.35	124.77												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/07/2024 00:10	19.45	6.35	124.77	15.25	16.79	1.84	24.92	14.63	47.82	15.6	306.69	37.2	4.08	55.2	
13/07/2024 00:15	19.45	6.35	124.77	15.25	16.9	1.83	25.1	14.63	47.82	15.6	306.69	37.45	4.06	55.61	
13/07/2024 00:20	19.45	6.35	124.77	15.25	16.85	1.88	25.42	14.63	47.82	15.6	306.69	37.34	4.18	56.32	
13/07/2024 00:25	19.45	6.35	124.77	15.25	16.74	1.84	25.12	14.62	47.82	15.6	306.69	37.06	4.08	55.62	
13/07/2024 00:30	19.45	6.35	124.77	15.25	16.7	1.88	24.56	14.62	47.82	15.6	306.69	36.96	4.15	54.38	
13/07/2024 00:35	19.45	6.35	124.77	15.25	16.67	1.83	24.88	14.62	47.82	15.6	306.69	36.9	4.05	55.06	
13/07/2024 00:40	19.45	6.35	124.77	15.25	16.82	1.89	24.9	14.62	47.82	15.6	306.69	37.24	4.19	55.12	
13/07/2024 00:45	19.45	6.35	124.77	15.25	16.71	1.86	25.34	14.62	47.82	15.6	306.69	37.01	4.11	56.13	
13/07/2024 00:50	19.45	6.35	124.77	15.25	16.84	1.89	24.82	14.63	47.82	15.6	306.69	37.31	4.19	54.99	
13/07/2024 00:55	19.45	6.35	124.77	15.25	16.92	1.85	24.88	14.63	47.82	15.6	306.69	37.52	4.11	55.16	
13/07/2024 01:00	19.45	6.35	124.77	15.25	16.88	1.91	24.96	14.63	47.82	15.6	306.69	37.41	4.23	55.31	
13/07/2024 01:05	19.45	6.35	124.77	15.25	16.75	1.87	25.11	14.62	47.82	15.6	306.69	37.09	4.15	55.62	
13/07/2024 01:10	19.45	6.35	124.77	15.25	16.64	1.93	25.36	14.63	47.82	15.6	306.69	36.86	4.27	56.17	
13/07/2024 01:15	19.45	6.35	124.77	15.25	16.73	1.89	25.31	14.63	47.82	15.6	306.69	37.08	4.18	56.08	
13/07/2024 01:20	19.45	6.35	124.77	15.25	16.84	1.93	25.89	14.63	47.82	15.6	306.69	37.33	4.28	57.4	
13/07/2024 01:25	19.45	6.35	124.77	15.25	16.8	1.88	25.84	14.63	47.82	15.6	306.69	37.22	4.18	57.27	
13/07/2024 01:30	19.45	6.35	124.77	15.25	16.91	1.95	25.71	14.63	47.82	15.6	306.69	37.48	4.32	56.97	
13/07/2024 01:35	19.45	6.35	124.77	15.25	16.73	1.88	25.7	14.63	47.82	15.6	306.69	37.06	4.17	56.94	
13/07/2024 01:40	19.45	6.35	124.77	15.25	16.85	1.93	25.86	14.63	47.82	15.6	306.69	37.33	4.27	57.31	
13/07/2024 01:45	19.45	6.35	124.77	15.25	16.67	1.88	25.99	14.63	47.82	15.6	306.69	36.94	4.17	57.58	
13/07/2024 01:50	19.45	6.35	124.77	15.25	16.8	1.93	25.72	14.63	47.82	15.6	306.69	37.23	4.28	57	
13/07/2024 01:55	19.45	6.35	124.77	15.25	16.81	1.88	25.61	14.63	47.82	15.6	306.69	37.25	4.16	56.75	
13/07/2024 02:00	19.45	6.35	124.77	15.25	16.79	1.9	25.42	14.63	47.82	15.6	306.69	37.2	4.21	56.34	
13/07/2024 02:05	19.45	6.35	124.77	15.25	16.8	1.87	25.43	14.63	47.82	15.6	306.69	37.21	4.14	56.33	
13/07/2024 02:10	19.45	6.35	124.77	15.25	16.85	1.92	25.78	14.63	47.82	15.6	306.69	37.35	4.26	57.13	
13/07/2024 02:15	19.45	6.35	124.77	15.25	16.8	1.88	25.59	14.63	47.82	15.6	306.69	37.22	4.18	56.68	
13/07/2024 02:20	19.45	6.35	124.77	15.25	16.83	1.91	25.67	14.63	47.82	15.6	306.69	37.29	4.24	56.88	
13/07/2024 02:25	19.45	6.35	124.77	15.25	16.75	1.87	25.52	14.63	47.82	15.6	306.69	37.11	4.14	56.54	
13/07/2024 02:30	19.45	6.35	124.77	15.25	16.86	1.91	25.11	14.62	47.82	15.6	306.69	37.34	4.22	55.61	
13/07/2024 02:35	19.45	6.35	124.77	15.25	16.81	1.86	25.27	14.62	47.82	15.6	306.69	37.2	4.11	55.91	
13/07/2024 02:40	19.45	6.35	124.77	15.25	16.81	1.92	25.66	14.62	47.82	15.6	306.69	37.2	4.26	56.79	
13/07/2024 02:45	19.45	6.35	124.77	15.25	16.84	1.91	25.74	14.62	47.82	15.6	306.69	37.27	4.23	56.96	
13/07/2024 02:50	19.45	6.35	124.77	15.25	16.81	1.9	25.44	14.62	47.82	15.6	306.69	37.2	4.2	56.29	
13/07/2024 02:55	19.45	6.35	124.77	15.25	16.69	1.85	25.27	14.62	47.82	15.6	306.69	36.93	4.09	55.89	
13/07/2024 03:00	19.45	6.35	124.77	15.25	16.81	1.88	25.21	14.62	47.82	15.6	306.69	37.18	4.15	55.79	
13/07/2024 03:05	19.45	6.35	124.77	15.25	16.85	1.92	25.42	14.62	47.82	15.6	306.69	37.29	4.26	56.25	
13/07/2024 03:10	19.45	6.35	124.77	15.25	16.71	1.78	25.18	14.62	47.82	15.6	306.69	36.98	3.94	55.7	
13/07/2024 03:15	19.45	6.35	124.77	15.25	16.79	1.86	24.89	14.62	47.82	15.6	306.69	37.15	4.12	55.07	
13/07/2024 03:20	19.45	6.35	124.77	15.25	16.82	1.89	25.32	14.62	47.82	15.6	306.69	37.23	4.17	56.03	
13/07/2024 03:25	19.45	6.35	124.77	15.25	16.8	1.89	25.63	14.62	47.82	15.6	306.69	37.18	4.17	56.72	
13/07/2024 03:30	19.45	6.35	124.77	15.25	16.82	1.9	25.34	14.62	47.82	15.6	306.69	37.22	4.2	56.07	
13/07/2024 03:35	19.45	6.35	124.77	15.25	16.74	1.85	25.21	14.62	47.82	15.6	306.69	37.04	4.1	55.77	
13/07/2024 03:40	19.45	6.35	124.77	15.25	16.9	1.93	25.02	14.62	47.82	15.6	306.69	37.41	4.27	55.37	
13/07/2024 03:45	19.45	6.35	124.77	15.25	16.73	1.8	25.32	14.62	47.82	15.6	306.69	37.02	3.98	56.03	
13/07/2024 03:50	19.45	6.35	124.77	15.25	16.74	1.9	25.67	14.62	47.82	15.6	306.69	37.06	4.2	56.82	
13/07/2024 03:55	19.45	6.35	124.77	15.25	16.72	1.88	25.66	14.62	47.82	15.6	306.69	36.98	4.16	56.75	
13/07/2024 04:00	19.45	6.35	124.77	15.25	16.83	1.88	25.46	14.62	47.82	15.6	306.69	37.22	4.17	56.3	
13/07/2024 04:05	19.45	6.35	124.77	15.25	16.72	1.84	24.65	14.61	47.82	15.6	306.69	36.97	4.07	54.51	
13/07/2024 04:10	19.45	6.35	124.77	15.25	16.71	1.9	24.34	14.62	47.82	15.6	306.69	36.97	4.21	53.85	
13/07/2024 04:15	19.45	6.35	124.77	15.25	16.67	1.91	24.62	14.61	47.82	15.6	306.69	36.86	4.23	54.43	
13/07/2024 04:20	19.45	6.35	124.77	15.25	16.81	1.9	24.87	14.62	47.82	15.6	306.69	37.17	4.21	55.01	
13/07/2024 04:25	19.45	6.35	124.77	15.25	16.67	1.89	24.74	14.61	47.82	15.6	306.69	36.85	4.18	54.7	
13/07/2024 04:30	19.45	6.35	124.77	15.25	16.6	1.91	24.81	14.61	47.82	15.6	306.69	36.71	4.23	54.86	
13/07/2024 04:35	19.45	6.35	124.77	15.25	16.69	1.88	24.78	14.61	47.82	15.6	306.69	36.91	4.15	54.79	
13/07/2024 04:40	19.45	6.35	124.77	15.25	16.72	1.86	24.92	14.61	47.82	15.6	306.69	36.97	4.1	55.1	
13/07/2024 04:45	19.45	6.35	124.77	15.25	16.78	1.89	25.16	14.61	47.82	15.6	306.69	37.09	4.19	55.6	
13/07/2024 04:50	19.45	6.35	124.77	15.25	16.74	1.85	25.23	14.61	47.82	15.6	306.69	37	4.08	55.76	
13/07/2024 04:55	19.45	6.35	124.77	15.25	16.7	1.85	25.11	14.61	47.82	15.6	306.69	36.9	4.01	55.51	
13/07/2024 05:00	19.45	6.35	124.77	15.25	16.51	1.85	25.37	14.61	47.82	15.6	306.69	36.47	4.09	56.05	
13/07/2024 05:05	19.45	6.35	124.77	15.25	16.65	1.85	25.38	14.61	47.82	15.6	306.69	36.8	4.09	56.09	
13/07/2024 05:10	19.45	6.35	124.77	15.25	16.56	1.82	24.82	14.61	47.82	15.6	306.69	36.61	4.02	54.86	
13/07/2024 05:15	19.45	6.35	124.77	15.25	16.71	1.98	25.16	14.61	47.82	15.6	306.69	36.95	4.37	55.62	
13/07/2024 05:20	19.45	6.35	124.77	15.25	16.51	1.74	25.78	14.61	47.82	15.6	306.69	36.49	3.86	56.99	
13/07/2024 05:25	19.45	6.35	124.77	15.25	16.63	1.91	25.8	14.61	47.82	15.6	306.69	36.76	4.22	57.04	
13/07/2024 05:30	19.45	6.35	124.77	15.25	16.67	1.9	25.12	14.61	47.82	15.6	306.69	36.86	4.21	55.54	
13/07/2024 05:35	19.45	6.35	124.77	15.25	16.65	1.86	24.97	14.61	47.82	15.6	306.69	36.81	4.11	55.2	
13/07/2024 05:40	19.45	6.35	124.77	15.25	16.68	1.88	25.21	14.61	47.82	15.6	306.69	36.87	4.15	55.72	
13/07/2024 05:45	19.45	6.35	124.77	15.25	16.63	1.88	25.44	14.61	47.82	15.6	306.69	36.75	4.16	56.22	
13/07/2024 05:50	19.45	6.35	124.77	15.25	16.61	1.86	25.15	14.61	47.82	15.6	306.69	36.71	4.11	55.56	
13/07/2024 05:55	19.45	6.35	124.77	15.25	16.82	1.85	25.45	14.61	47.82	15.6	306.69	37.16	4.09	56.23	
13/07/2024 06:00	19.45	6.35	124.77	15.25	16.63	1.88	25.91	14.61	47.82	15.6	306.69	36.76	4.15	57.27	
13/07/2024 06:05	19.45	6.35	124.77	15.25	16.73	1.92	26.04	14.61	47.82	15.6	306.69	36.99	4.25	57.57	
13/07/2024 06:10	19.45	6.35	124.77	15.25											



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/07/2024 07:45	19.45	6.35	124.77	15.25	16.85	1.67	24.92	14.61	47.82	15.6	306.69	37.23	3.69	55.05	
13/07/2024 07:50	19.45	6.35	124.77	15.25	16.76	1.64	25.24	14.6	47.82	15.6	306.69	37.01	3.63	55.73	
13/07/2024 07:55	19.45	6.35	124.77	15.25	16.85	1.64	24.92	14.6	47.82	15.6	306.69	37.2	3.62	55.01	
13/07/2024 08:00	19.45	6.35	124.77	15.25	16.78	1.58	23.94	14.6	47.82	15.6	306.69	37.02	3.48	52.84	
13/07/2024 08:05	19.45	6.35	124.77	15.25	16.8	1.58	24.3	14.6	47.82	15.6	306.69	37.09	3.48	53.66	
13/07/2024 08:10	19.45	6.35	124.77	15.25	16.71	1.69	24.11	14.6	47.82	15.6	306.69	36.88	3.74	53.21	
13/07/2024 08:15	19.45	6.35	124.77	15.25	16.5	1.42	23.41	14.6	47.82	15.6	306.69	36.41	3.13	51.66	
13/07/2024 08:20	19.45	6.35	124.77	15.25	16.85	1.58	23.61	14.6	47.82	15.6	306.69	37.19	3.48	52.11	
13/07/2024 08:25	19.45	6.35	124.77	15.25	16.87	1.57	24.25	14.6	47.82	15.6	306.69	37.22	3.47	53.49	
13/07/2024 08:30	19.45	6.35	124.77	15.25	16.71	1.55	23.54	14.6	47.82	15.6	306.69	36.84	3.41	51.89	
13/07/2024 08:35	19.45	6.35	124.77	15.25	16.74	1.55	23.46	14.59	47.82	15.6	306.69	36.9	3.42	51.7	
13/07/2024 08:40	19.45	6.35	124.77	15.25	16.7	1.46	23.93	14.59	47.82	15.6	306.69	36.8	3.21	52.75	
13/07/2024 08:45	19.45	6.35	124.77	15.25	16.94	1.53	23.87	14.6	47.82	15.6	306.69	37.35	3.37	52.62	
13/07/2024 08:50	19.45	6.35	124.77	15.25	17	1.57	23.79	14.6	47.82	15.6	306.69	37.48	3.45	52.45	
13/07/2024 08:55	19.45	6.35	124.77	15.25	16.8	1.36	23.92	14.59	47.82	15.6	306.69	37.02	3	52.71	
13/07/2024 09:00	19.45	6.35	124.77	15.25	16.92	1.51	23.97	14.59	47.82	15.6	306.69	37.29	3.32	52.83	
13/07/2024 09:05	19.45	6.35	124.77	15.25	16.74	1.3	23.81	14.59	47.82	15.6	306.69	36.86	2.87	52.44	
13/07/2024 09:10	19.45	6.35	124.77	15.25	16.91	1.46	23.98	14.59	47.82	15.6	306.69	37.24	3.22	52.8	
13/07/2024 09:15	19.45	6.35	124.77	15.25	17.06	1.41	24.2	14.59	47.82	15.6	306.69	37.56	3.09	53.27	
13/07/2024 09:20	19.45	6.35	124.77	15.25	17.1	1.41	23.72	14.58	47.82	15.6	306.69	37.62	3.1	52.2	
13/07/2024 09:25	19.45	6.35	124.77	15.25	16.86	1.23	23.64	14.58	47.82	15.6	306.69	37.07	2.7	51.99	
13/07/2024 09:30	19.45	6.35	124.77	15.25	17.27	1.42	23.69	14.58	47.82	15.6	306.69	37.96	3.11	52.07	
13/07/2024 09:35	19.45	6.35	124.77	15.25	16.81	0.98	23.11	14.56	47.82	15.6	306.69	36.87	2.16	50.7	
13/07/2024 09:40	19.45	6.35	124.77	15.25	17.06	1.22	22.99	14.56	47.82	15.6	306.69	37.42	2.67	50.43	
13/07/2024 09:45	19.45	6.35	124.77	15.25	16.97	1.05	23.46	14.56	47.82	15.6	306.69	37.2	2.3	51.42	
13/07/2024 09:50	19.45	6.35	124.77	15.25	17.03	1.13	23.46	14.56	47.82	15.6	306.69	37.33	2.47	51.41	
13/07/2024 09:55	19.45	6.35	124.77	15.25	17.07	1.16	23.23	14.55	47.82	15.6	306.69	37.39	2.54	50.9	
13/07/2024 10:00	19.45	6.35	124.77	15.25	17.07	1.12	23.34	14.55	47.82	15.6	306.69	37.39	2.45	51.13	
13/07/2024 10:05	19.45	6.35	124.77	15.25	17.11	1.08	22.54	14.55	47.82	15.6	306.69	37.45	2.36	49.33	
13/07/2024 10:10	19.45	6.35	124.77	15.25	17.17	1.06	22.52	14.55	47.82	15.6	306.69	37.56	2.33	49.27	
13/07/2024 10:15	19.45	6.35	124.77	15.25	16.85	0.79	23.01	14.54	47.82	15.6	306.69	36.82	1.73	50.29	
13/07/2024 10:20	19.45	6.35	124.77	15.25	17.03	1.02	23.64	14.54	47.82	15.6	306.69	37.24	2.24	51.68	
13/07/2024 10:25	19.45	6.35	124.77	15.25	16.97	0.91	23.52	14.54	47.82	15.6	306.69	37.08	2	51.4	
13/07/2024 10:30	19.45	6.35	124.77	15.25	17.17	1.06	23.45	14.54	47.82	15.6	306.69	37.51	2.32	51.25	
13/07/2024 10:35	19.45	6.35	124.77	15.25	17.01	0.97	23.24	14.53	47.82	15.6	306.69	37.15	2.13	50.74	
13/07/2024 10:40	19.45	6.35	124.77	15.25	16.81	0.83	23.7	14.53	47.82	15.6	306.69	36.67	1.82	51.7	
13/07/2024 10:45	19.45	6.35	124.77	15.25	16.82	0.86	23.55	14.53	47.82	15.6	306.69	36.71	1.88	51.38	
13/07/2024 10:50	19.45	6.35	124.77	15.25	16.75	0.9	23.88	14.53	47.82	15.6	306.69	36.55	1.96	52.11	
13/07/2024 10:55	19.45	6.35	124.77	15.25	16.86	0.82	23.62	14.53	47.82	15.6	306.69	36.81	1.78	51.57	
13/07/2024 11:00	19.45	6.35	124.77	15.25	17.06	1	23.59	14.53	47.82	15.6	306.69	37.23	2.19	51.49	
13/07/2024 11:05	19.45	6.35	124.77	15.25	16.86	0.81	23.69	14.53	47.82	15.6	306.69	36.79	1.77	51.71	
13/07/2024 11:10	19.45	6.35	124.77	15.25	16.94	0.81	23.73	14.53	47.82	15.6	306.69	36.95	1.78	51.77	
13/07/2024 11:15	19.45	6.35	124.77	15.25	17.08	0.89	24.2	14.53	47.82	15.6	306.69	37.27	1.95	52.8	
13/07/2024 11:20	19.45	6.35	124.77	15.25	16.96	0.83	23.92	14.52	47.82	15.6	306.69	36.98	1.82	52.16	
13/07/2024 11:25	19.45	6.35	124.77	15.25	17.07	0.92	23.3	14.53	47.82	15.6	306.69	37.23	2.02	50.81	
13/07/2024 11:30	19.45	6.35	124.77	15.25	17.02	0.84	23.47	14.52	47.82	15.6	306.69	37.11	1.83	51.17	
13/07/2024 11:35	19.45	6.35	124.77	15.25	16.81	0.72	23.96	14.52	47.82	15.6	306.69	36.63	1.56	52.21	
13/07/2024 11:40	19.45	6.35	124.77	15.25	17.13	0.81	23.29	14.52	47.82	15.6	306.69	37.32	1.76	50.75	
13/07/2024 11:45	19.45	6.35	124.77	15.25	17.07	0.79	23.55	14.52	47.82	15.6	306.69	37.21	1.72	51.33	
13/07/2024 11:50	19.45	6.35	124.77	15.25	17.11	0.8	23.7	14.52	47.82	15.6	306.69	37.31	1.75	51.65	
13/07/2024 11:55	19.45	6.35	124.77	15.25	16.81	0.6	23.78	14.51	47.82	15.6	306.69	36.6	1.31	51.76	
13/07/2024 12:00	19.45	6.35	124.77	15.25	16.8	0.74	23.63	14.51	47.82	15.6	306.69	36.57	1.61	51.43	
13/07/2024 12:05	19.45	6.35	124.77	15.25	17.05	0.86	23.2	14.51	47.82	15.6	306.69	37.12	1.87	50.5	
13/07/2024 12:10	19.45	6.35	124.77	15.25	16.89	0.79	23.65	14.51	47.82	15.6	306.69	36.76	1.73	51.47	
13/07/2024 12:15	19.45	6.35	124.77	15.25	16.62	0.67	23.37	14.51	47.82	15.6	306.69	36.17	1.46	50.86	
13/07/2024 12:20	19.45	6.35	124.77	15.25	17.08	0.88	23.66	14.51	47.82	15.6	306.69	37.17	1.91	51.49	
13/07/2024 12:25	19.45	6.35	124.77	15.25	16.96	0.8	23.61	14.51	47.82	15.6	306.69	36.89	1.75	51.38	
13/07/2024 12:30	19.45	6.35	124.77	15.25	17	0.83	23.68	14.51	47.82	15.6	306.69	37.01	1.8	51.55	
13/07/2024 12:35	19.45	6.35	124.77	15.25	16.66	0.62	23.65	14.51	47.82	15.6	306.69	36.25	1.35	51.44	
13/07/2024 12:40	19.45	6.35	124.77	15.25	16.78	0.75	23.63	14.51	47.82	15.6	306.69	36.51	1.63	51.4	
13/07/2024 12:45	19.45	6.35	124.77	15.25	16.9	0.73	23.72	14.51	47.82	15.6	306.69	36.78	1.58	51.6	
13/07/2024 12:50	19.45	6.35	124.77	15.25	16.81	0.75	23.71	14.51	47.82	15.6	306.69	36.56	1.62	51.58	
13/07/2024 12:55	19.45	6.35	124.77	15.25	16.75	0.65	23.67	14.51	47.82	15.6	306.69	36.45	1.42	51.51	
13/07/2024 13:00	19.45	6.35	124.77	15.25	16.76	0.74	23.68	14.51	47.82	15.6	306.69	36.47	1.62	51.54	
13/07/2024 13:05	19.45	6.35	124.77	15.25	16.81	0.77	24.11	14.52	47.82	15.6	306.69	36.6	1.67	52.5	
13/07/2024 13:10	19.45	6.35	124.77	15.25	16.74	0.61	24.18	14.52	47.82	15.6	306.69	36.44	1.32	52.64	
13/07/2024 13:15	19.45	6.35	124.77	15.25	16.77	0.78	23.66	14.51	47.82	15.6	306.69	36.52	1.7	51.5	
13/07/2024 13:20	19.45	6.35	124.77	15.25	16.67	0.57	23.79	14.52	47.82	15.6	306.69	36.29	1.25	51.79	
13/07/2024 13:25	19.45	6.35	124.77	15.25	16.99	0.68	23.41	14.52	47.82	15.6	306.69	37.01	1.49	50.98	
13/07/2024 13:30	19.45	6.35	124.77	15.25	16.83	0.57	23.32	14.51	47.82	15.6	306.69	36.61	1.24	50.73	
13/07/2024 13:35	19.45	6.35	124.77	15.25	16.85	0.52	23.21	14.5	47.82	15.6	306.69	36.62	1.13	50.44	
13/07/2024 13:40	19.45	6.35	124.77	15.25	16.72	0.37	22.87	14.5	47.82	15.6	306.69	36.29	0.81	49.66	
13/07/2024 13:45	19.45	6.35	124.77	15.25	16.82	0.37	22.								



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/07/2024 15:20	19.45	6.35	124.77	15.25	16.67	0.54	23.29	14.49	47.82	15.6	306.69	36.15	1.18	50.51	
13/07/2024 15:25	19.45	6.35	124.77	15.25	16.75	0.7	23.5	14.5	47.82	15.6	306.69	36.37	1.52	51.01	
13/07/2024 15:30	19.45	6.35	124.77	15.25	16.67	0.64	24.03	14.5	47.82	15.6	306.69	36.2	1.39	52.18	
13/07/2024 15:35	19.45	6.35	124.77	15.25	16.71	0.6	23.72	14.5	47.82	15.6	306.69	36.3	1.31	51.54	
13/07/2024 15:40	19.45	6.35	124.77	15.25	16.8	0.66	23.6	14.5	47.82	15.6	306.69	36.51	1.43	51.29	
13/07/2024 15:45	19.45	6.35	124.77	15.25	16.75	0.61	24.04	14.51	47.82	15.6	306.69	36.43	1.32	52.29	
13/07/2024 15:50	19.45	6.35	124.77	15.25	16.68	0.82	24.32	14.51	47.82	15.6	306.69	36.31	1.78	52.93	
13/07/2024 15:55	19.45	6.35	124.77	15.25	16.8	0.79	24.26	14.52	47.82	15.6	306.69	36.57	1.72	52.81	
13/07/2024 16:00	19.45	6.35	124.77	15.25	16.71	0.74	24.27	14.52	47.82	15.6	306.69	36.37	1.61	52.83	
13/07/2024 16:05	19.45	6.35	124.77	15.25	16.5	0.5	24.35	14.52	47.82	15.6	306.69	35.94	1.09	53.04	
13/07/2024 16:10	19.45	6.35	124.77	15.25	16.67	0.82	24.4	14.52	47.82	15.6	306.69	36.33	1.78	53.16	
13/07/2024 16:15	19.45	6.35	124.77	15.25	16.63	0.81	24.69	14.52	47.82	15.6	306.69	36.23	1.76	53.79	
13/07/2024 16:20	19.45	6.35	124.77	15.25	16.56	0.8	24.79	14.52	47.82	15.6	306.69	36.09	1.75	54.02	
13/07/2024 16:25	19.45	6.35	124.77	15.25	16.64	0.76	24.51	14.52	47.82	15.6	306.69	36.27	1.66	53.42	
13/07/2024 16:30	19.45	6.35	124.77	15.25	16.74	0.78	24.15	14.52	47.82	15.6	306.69	36.5	1.71	52.66	
13/07/2024 16:35	19.45	6.35	124.77	15.25	16.54	0.69	24.16	14.52	47.82	15.6	306.69	36.05	1.5	52.66	
13/07/2024 16:40	19.45	6.35	124.77	15.25	16.64	0.89	24.48	14.53	47.82	15.6	306.69	36.29	1.94	53.39	
13/07/2024 16:45	19.45	6.35	124.77	15.25	16.78	1	24.76	14.53	47.82	15.6	306.69	36.59	2.18	54	
13/07/2024 16:50	19.45	6.35	124.77	15.25	16.67	0.94	24.51	14.53	47.82	15.6	306.69	36.37	2.06	53.48	
13/07/2024 16:55	19.45	6.35	124.77	15.25	16.71	0.89	24.44	14.53	47.82	15.6	306.69	36.45	1.95	53.33	
13/07/2024 17:00	19.45	6.35	124.77	15.25	16.96	1.2	25.27	14.53	47.82	15.6	306.69	37.01	2.61	55.15	
13/07/2024 17:05	19.45	6.35	124.77	15.25	16.88	1.34	26.78	14.53	47.82	15.6	306.69	36.84	2.92	58.42	
13/07/2024 17:10	19.45	6.35	124.77	15.25	16.88	1.39	26.58	14.53	47.82	15.6	306.69	36.85	3.04	58.03	
13/07/2024 17:15	19.45	6.35	124.77	15.25	17.1	1.38	25.57	14.53	47.82	15.6	306.69	37.32	3.02	55.82	
13/07/2024 17:20	19.45	6.35	124.77	15.25	17.28	1.4	24.29	14.54	47.82	15.6	306.69	37.74	3.06	53.07	
13/07/2024 17:25	19.45	6.35	124.77	15.25	17.14	1.45	25.7	14.54	47.82	15.6	306.69	37.45	3.18	56.15	
13/07/2024 17:30	19.45	6.35	124.77	15.25	16.83	1.45	26.13	14.54	47.82	15.6	306.69	36.8	3.17	57.12	
13/07/2024 17:35	19.45	6.35	124.77	15.25	16.86	1.53	26.15	14.54	47.82	15.6	306.69	36.87	3.34	57.19	
13/07/2024 17:40	19.45	6.35	124.77	15.25	16.95	1.51	25.95	14.55	47.82	15.6	306.69	37.12	3.32	56.83	
13/07/2024 17:45	19.45	6.35	124.77	15.25	16.46	1.46	24.49	14.53	47.82	15.6	306.69	35.95	3.2	53.49	
13/07/2024 17:50	19.45	6.35	124.77	15.25	16.15	1.48	24	14.53	47.82	15.6	306.69	35.23	3.23	52.35	
13/07/2024 17:55	19.45	6.35	124.77	15.25	16.05	1.49	24.65	14.53	47.82	15.6	306.69	35.03	3.25	53.79	
13/07/2024 18:00	19.45	6.35	124.77	15.25	16.06	1.53	25.08	14.53	47.82	15.6	306.69	35.06	3.34	54.74	
13/07/2024 18:05	19.45	6.35	124.77	15.25	16.03	1.48	24.83	14.53	47.82	15.6	306.69	35	3.23	54.2	
13/07/2024 18:10	19.45	6.35	124.77	15.25	16	1.49	24.6	14.53	47.82	15.6	306.69	34.93	3.25	53.72	
13/07/2024 18:15	19.45	6.35	124.77	15.25	16.64	1.51	24.76	14.56	47.82	15.6	306.69	36.48	3.3	54.27	
13/07/2024 18:20	19.45	6.35	124.77	15.25	16.84	1.58	26.2	14.57	47.82	15.6	306.69	36.97	3.47	57.51	
13/07/2024 18:25	19.45	6.35	124.77	15.25	16.84	1.54	25.53	14.57	47.82	15.6	306.69	36.98	3.39	56.05	
13/07/2024 18:30	19.45	6.35	124.77	15.25	16.78	1.56	25.64	14.57	47.82	15.6	306.69	36.84	3.42	56.28	
13/07/2024 18:35	19.45	6.35	124.77	15.25	16.81	1.55	25.28	14.57	47.82	15.6	306.69	36.9	3.41	55.51	
13/07/2024 18:40	19.45	6.35	124.77	15.25	16.82	1.52	25.35	14.57	47.82	15.6	306.69	36.94	3.33	55.67	
13/07/2024 18:45	19.45	6.35	124.77	15.25	16.88	1.53	25.21	14.57	47.82	15.6	306.69	37.05	3.37	55.34	
13/07/2024 18:50	19.45	6.35	124.77	15.25	16.85	1.64	25.24	14.57	47.82	15.6	306.69	37	3.61	55.44	
13/07/2024 18:55	19.45	6.35	124.77	15.25	16.52	1.4	25.3	14.57	47.82	15.6	306.69	36.27	3.07	55.55	
13/07/2024 19:00	19.45	6.35	124.77	15.25	16.69	1.6	25.38	14.58	47.82	15.6	306.69	36.69	3.52	55.79	
13/07/2024 19:05	19.45	6.35	124.77	15.25	16.7	1.64	25.52	14.58	47.82	15.6	306.69	36.7	3.6	56.1	
13/07/2024 19:10	19.45	6.35	124.77	15.25	16.73	1.66	25.26	14.57	47.82	15.6	306.69	36.76	3.66	55.5	
13/07/2024 19:15	19.45	6.35	124.77	15.25	16.81	1.64	25.42	14.57	47.82	15.6	306.69	36.93	3.61	55.86	
13/07/2024 19:20	19.45	6.35	124.77	15.25	16.6	1.49	25.47	14.58	47.82	15.6	306.69	36.48	3.28	55.98	
13/07/2024 19:25	19.45	6.35	124.77	15.25	16.8	1.65	25.61	14.58	47.82	15.6	306.69	36.93	3.63	56.31	
13/07/2024 19:30	19.45	6.35	124.77	15.25	16.83	1.58	25.49	14.58	47.82	15.6	306.69	36.98	3.48	56.02	
13/07/2024 19:35	19.45	6.35	124.77	15.25	16.76	1.63	25.57	14.57	47.82	15.6	306.69	36.83	3.58	56.19	
13/07/2024 19:40	19.45	6.35	124.77	15.25	16.74	1.56	25.31	14.57	47.82	15.6	306.69	36.77	3.42	55.6	
13/07/2024 19:45	19.45	6.35	124.77	15.25	16.82	1.58	25.57	14.57	47.82	15.6	306.69	36.96	3.48	56.2	
13/07/2024 19:50	19.45	6.35	124.77	15.25	16.84	1.73	25.95	14.58	47.82	15.6	306.69	37.02	3.81	57.04	
13/07/2024 19:55	19.45	6.35	124.77	15.25	16.39	1.35	26.16	14.58	47.82	15.6	306.69	36.03	2.96	57.5	
13/07/2024 20:00	19.45	6.35	124.77	15.25	16.67	1.66	26.3	14.58	47.82	15.6	306.69	36.66	3.64	57.84	
13/07/2024 20:05	19.45	6.35	124.77	15.25	16.56	1.59	26.28	14.58	47.82	15.6	306.69	36.44	3.49	57.81	
13/07/2024 20:10	19.45	6.35	124.77	15.25	16.8	1.64	26.12	14.58	47.82	15.6	306.69	36.95	3.61	57.44	
13/07/2024 20:15	19.45	6.35	124.77	15.25	16.7	1.58	25.76	14.58	47.82	15.6	306.69	36.71	3.48	56.63	
13/07/2024 20:20	19.45	6.35	124.77	15.25	16.7	1.64	25.87	14.58	47.82	15.6	306.69	36.72	3.6	56.88	
13/07/2024 20:25	19.45	6.35	124.77	15.25	16.52	1.55	26.22	14.57	47.82	15.6	306.69	36.3	3.41	57.62	
13/07/2024 20:30	19.45	6.35	124.77	15.25	16.66	1.53	25.98	14.57	47.82	15.6	306.69	36.59	3.36	57.04	
13/07/2024 20:35	19.45	6.35	124.77	15.25	16.65	1.55	26.12	14.57	47.82	15.6	306.69	36.56	3.41	57.35	
13/07/2024 20:40	19.45	6.35	124.77	15.25	16.79	1.56	25.76	14.57	47.82	15.6	306.69	36.89	3.42	56.58	
13/07/2024 20:45	19.45	6.35	124.77	15.25	16.82	1.63	25.97	14.57	47.82	15.6	306.69	36.94	3.59	57.05	
13/07/2024 20:50	19.45	6.35	124.77	15.25	16.64	1.54	26.11	14.57	47.82	15.6	306.69	36.53	3.37	57.33	
13/07/2024 20:55	19.45	6.35	124.77	15.25	16.51	1.5	26.39	14.57	47.82	15.6	306.69	36.25	3.29	57.94	
13/07/2024 21:00	19.45	6.35	124.77	15.25	16.63	1.43	25.38	14.57	47.82	15.6	306.69	36.5	3.13	55.69	
13/07/2024 21:05	19.45	6.35	124.77	15.25	16.73	1.54	25.38	14.57	47.82	15.6	306.69	36.73	3.38	55.73	
13/07/2024 21:10	19.45	6.35	124.77	15.25	16.42	1.36	25.07	14.57	47.82	15.6	306.69	36.04	2.99	55.03	
13/07/2024 21:15	19.45	6.35	124.77	15.25	16.67	1.53	25.25	14.57	47.82	15.6	306.69	36.58	3.37	55.41	
13/07/2024 21:20	19.45	6.35	124.77	15.25	16.79	1.5	2								



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/07/2024 22:55	19.45	6.35	124.77	15.25	16.76	1.49	25.62	14.56	47.82	15.6	306.69	36.74	3.28	56.19	
13/07/2024 23:00	19.45	6.35	124.77	15.25	16.98	1.55	25.54	14.56	47.82	15.6	306.69	37.24	3.39	56.03	
13/07/2024 23:05	19.45	6.35	124.77	15.25	16.98	1.56	25.29	14.56	47.82	15.6	306.69	37.24	3.43	55.47	
13/07/2024 23:10	19.45	6.35	124.77	15.25	17.02	1.55	25.13	14.56	47.82	15.6	306.69	37.32	3.39	55.1	
13/07/2024 23:15	19.45	6.35	124.77	15.25	16.87	1.59	25.42	14.56	47.82	15.6	306.69	37.01	3.48	55.77	
13/07/2024 23:20	19.45	6.35	124.77	15.25	16.91	1.55	25.46	14.57	47.82	15.6	306.69	37.11	3.4	55.87	
13/07/2024 23:25	19.45	6.35	124.77	15.25	16.96	1.54	25.25	14.57	47.82	15.6	306.69	37.23	3.39	55.41	
13/07/2024 23:30	19.45	6.35	124.77	15.25	16.98	1.52	25.13	14.56	47.82	15.6	306.69	37.25	3.34	55.13	
13/07/2024 23:35	19.45	6.35	124.77	15.25	16.89	1.58	25.19	14.56	47.82	15.6	306.69	37.06	3.46	55.27	
13/07/2024 23:40	19.45	6.35	124.77	15.25	16.81	1.38	24.76	14.56	47.82	15.6	306.69	36.86	3.03	54.3	
13/07/2024 23:45	19.45	6.35	124.77	15.25	16.81	1.41	24.78	14.56	47.82	15.6	306.69	36.86	3.1	54.34	
13/07/2024 23:50	19.45	6.35	124.77	15.25	16.76	1.45	25.93	14.56	47.82	15.6	306.69	36.76	3.18	56.89	
13/07/2024 23:55	19.45	6.35	124.77	15.25	16.87	1.51	25.63	14.56	47.82	15.6	306.69	37	3.32	56.2	
14/07/2024 00:00	19.45	6.35	124.77	15.25	16.87	1.52	25.51	14.56	47.82	15.6	306.69	36.98	3.33	55.93	
14/07/2024 00:05	19.45	6.35	124.77	15.25	16.77	1.56	25.29	14.56	47.82	15.6	306.69	36.75	3.43	55.42	
14/07/2024 00:10	19.45	6.35	124.77	15.25	16.84	1.54	25.82	14.56	47.82	15.6	306.69	36.92	3.37	56.61	
14/07/2024 00:15	19.45	6.35	124.77	15.25	16.86	1.62	25.85	14.56	47.82	15.6	306.69	37	3.56	56.71	
14/07/2024 00:20	19.45	6.35	124.77	15.25	16.77	1.54	25.84	14.57	47.82	15.6	306.69	36.8	3.38	56.71	
14/07/2024 00:25	19.45	6.35	124.77	15.25	16.78	1.46	25.99	14.57	47.82	15.6	306.69	36.83	3.19	57.03	
14/07/2024 00:30	19.45	6.35	124.77	15.25	16.7	1.52	25.77	14.56	47.82	15.6	306.69	36.63	3.33	56.52	
14/07/2024 00:35	19.45	6.35	124.77	15.25	16.53	1.4	25.47	14.56	47.82	15.6	306.69	36.26	3.08	55.85	
14/07/2024 00:40	19.45	6.35	124.77	15.25	16.97	1.67	25.83	14.57	47.82	15.6	306.69	37.26	3.67	56.7	
14/07/2024 00:45	19.45	6.35	124.77	15.25	16.82	1.58	25.58	14.57	47.82	15.6	306.69	36.92	3.46	56.13	
14/07/2024 00:50	19.45	6.35	124.77	15.25	16.93	1.61	25.48	14.57	47.82	15.6	306.69	37.15	3.53	55.93	
14/07/2024 00:55	19.45	6.35	124.77	15.25	16.95	1.57	25.35	14.57	47.82	15.6	306.69	37.2	3.45	55.63	
14/07/2024 01:00	19.45	6.35	124.77	15.25	17.04	1.67	25.43	14.57	47.82	15.6	306.69	37.41	3.68	55.82	
14/07/2024 01:05	19.45	6.35	124.77	15.25	16.72	1.44	25.22	14.56	47.82	15.6	306.69	36.69	3.17	55.32	
14/07/2024 01:10	19.45	6.35	124.77	15.25	16.59	1.3	25.28	14.56	47.82	15.6	306.69	36.39	2.85	55.43	
14/07/2024 01:15	19.45	6.35	124.77	15.25	16.9	1.61	25.25	14.56	47.82	15.6	306.69	37.07	3.52	55.39	
14/07/2024 01:20	19.45	6.35	124.77	15.25	16.78	1.42	25.23	14.56	47.82	15.6	306.69	36.81	3.11	55.35	
14/07/2024 01:25	19.45	6.35	124.77	15.25	16.97	1.54	25.34	14.57	47.82	15.6	306.69	37.26	3.38	55.66	
14/07/2024 01:30	19.45	6.35	124.77	15.25	17.07	1.64	24.87	14.57	47.82	15.6	306.69	37.48	3.59	54.62	
14/07/2024 01:35	19.45	6.35	124.77	15.25	16.79	1.39	24.86	14.57	47.82	15.6	306.69	36.86	3.06	54.6	
14/07/2024 01:40	19.45	6.35	124.77	15.25	17.03	1.62	24.79	14.57	47.82	15.6	306.69	37.41	3.56	54.44	
14/07/2024 01:45	19.45	6.35	124.77	15.25	17.1	1.62	24.79	14.57	47.82	15.6	306.69	37.56	3.55	54.45	
14/07/2024 01:50	19.45	6.35	124.77	15.25	17.01	1.6	24.73	14.57	47.82	15.6	306.69	37.37	3.52	54.33	
14/07/2024 01:55	19.45	6.35	124.77	15.25	16.97	1.55	25.05	14.57	47.82	15.6	306.69	37.29	3.4	55.04	
14/07/2024 02:00	19.45	6.35	124.77	15.25	17.11	1.68	25.06	14.57	47.82	15.6	306.69	37.58	3.7	55.05	
14/07/2024 02:05	19.45	6.35	124.77	15.25	16.81	1.43	25.14	14.57	47.82	15.6	306.69	36.92	3.14	55.21	
14/07/2024 02:10	19.45	6.35	124.77	15.25	16.95	1.54	24.73	14.57	47.82	15.6	306.69	37.23	3.37	54.3	
14/07/2024 02:15	19.45	6.35	124.77	15.25	16.9	1.49	24.5	14.57	47.82	15.6	306.69	37.09	3.28	53.79	
14/07/2024 02:20	19.45	6.35	124.77	15.25	17.05	1.59	24.69	14.57	47.82	15.6	306.69	37.41	3.48	54.17	
14/07/2024 02:25	19.45	6.35	124.77	15.25	16.99	1.55	25.3	14.57	47.82	15.6	306.69	37.28	3.4	55.52	
14/07/2024 02:30	19.45	6.35	124.77	15.25	16.93	1.6	24.82	14.57	47.82	15.6	306.69	37.16	3.5	54.48	
14/07/2024 02:35	19.45	6.35	124.77	15.25	17.09	1.58	24.71	14.57	47.82	15.6	306.69	37.53	3.47	54.25	
14/07/2024 02:40	19.45	6.35	124.77	15.25	16.84	1.46	24.44	14.57	47.82	15.6	306.69	36.96	3.21	53.65	
14/07/2024 02:45	19.45	6.35	124.77	15.25	16.96	1.46	24.69	14.57	47.82	15.6	306.69	37.22	3.21	54.2	
14/07/2024 02:50	19.45	6.35	124.77	15.25	16.96	1.49	24.51	14.57	47.82	15.6	306.69	37.22	3.27	53.8	
14/07/2024 02:55	19.45	6.35	124.77	15.25	17.07	1.51	24.03	14.57	47.82	15.6	306.69	37.45	3.31	52.72	
14/07/2024 03:00	19.45	6.35	124.77	15.25	17.05	1.56	24.03	14.57	47.82	15.6	306.69	37.43	3.43	52.76	
14/07/2024 03:05	19.45	6.35	124.77	15.25	16.9	1.49	24.25	14.57	47.82	15.6	306.69	37.1	3.28	53.23	
14/07/2024 03:10	19.45	6.35	124.77	15.25	16.89	1.5	24.23	14.57	47.82	15.6	306.69	37.08	3.3	53.2	
14/07/2024 03:15	19.45	6.35	124.77	15.25	16.87	1.53	24.1	14.57	47.82	15.6	306.69	37.04	3.37	52.9	
14/07/2024 03:20	19.45	6.35	124.77	15.25	16.89	1.51	23.86	14.57	47.82	15.6	306.69	37.09	3.32	52.41	
14/07/2024 03:25	19.45	6.35	124.77	15.25	16.94	1.52	23.94	14.57	47.82	15.6	306.69	37.21	3.33	52.58	
14/07/2024 03:30	19.45	6.35	124.77	15.25	16.98	1.47	23.64	14.56	47.82	15.6	306.69	37.26	3.22	51.85	
14/07/2024 03:35	19.45	6.35	124.77	15.25	16.79	1.53	24	14.57	47.82	15.6	306.69	36.85	3.36	52.66	
14/07/2024 03:40	19.45	6.35	124.77	15.25	16.85	1.52	24.3	14.57	47.82	15.6	306.69	36.98	3.34	53.34	
14/07/2024 03:45	19.45	6.35	124.77	15.25	16.85	1.55	24.49	14.57	47.82	15.6	306.69	37	3.41	53.79	
14/07/2024 03:50	19.45	6.35	124.77	15.25	16.78	1.51	24.44	14.57	47.82	15.6	306.69	36.87	3.32	53.69	
14/07/2024 03:55	19.45	6.35	124.77	15.25	17	1.63	24.59	14.57	47.82	15.6	306.69	37.34	3.59	54.04	
14/07/2024 04:00	19.45	6.35	124.77	15.25	16.57	1.4	24.09	14.57	47.82	15.6	306.69	36.4	3.07	52.9	
14/07/2024 04:05	19.45	6.35	124.77	15.25	16.76	1.57	23.66	14.57	47.82	15.6	306.69	36.82	3.44	51.96	
14/07/2024 04:10	19.45	6.35	124.77	15.25	16.55	1.41	23.92	14.57	47.82	15.6	306.69	36.35	3.09	52.54	
14/07/2024 04:15	19.45	6.35	124.77	15.25	16.85	1.59	24.16	14.57	47.82	15.6	306.69	37	3.49	53.05	
14/07/2024 04:20	19.45	6.35	124.77	15.25	16.81	1.56	24.06	14.57	47.82	15.6	306.69	36.92	3.42	52.82	
14/07/2024 04:25	19.45	6.35	124.77	15.25	16.87	1.59	24.21	14.57	47.82	15.6	306.69	37.04	3.49	53.16	
14/07/2024 04:30	19.45	6.35	124.77	15.25	16.89	1.54	23.85	14.57	47.82	15.6	306.69	37.09	3.39	52.36	
14/07/2024 04:35	19.45	6.35	124.77	15.25	16.62	1.58	23.71	14.57	47.82	15.6	306.69	36.51	3.48	52.06	
14/07/2024 04:40	19.45	6.35	124.77	15.25	16.59	1.51	23.46	14.57	47.82	15.6	306.69	36.43	3.31	51.51	
14/07/2024 04:45	19.45	6.35	124.77	15.25	16.72	1.57	23.52	14.57	47.82	15.6	306.69	36.71	3.46	51.65	
14/07/2024 04:50	19.45	6.35	124.77	15.25	16.8	1.55	23.54	14.57	47.82	15.6	306.69	36.91	3.41	51.7	
14/07/2024 04:55	19.45	6.35	124.77												



DCAP Period: 01/07/2024 00:00-31/07/2024 23:59 Type: A

Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
14/07/2024 06:30	19.45	6.35	124.77	15.25	16.7	1.51	25.04	14.56	47.82	15.6	306.69	36.63	3.32	54.92	
14/07/2024 06:35	19.45	6.35	124.77	15.25	16.86	1.59	24.7	14.56	47.82	15.6	306.69	36.99	3.49	54.19	
14/07/2024 06:40	19.45	6.35	124.77	15.25	16.71	1.46	24.53	14.56	47.82	15.6	306.69	36.66	3.21	53.81	
14/07/2024 06:45	19.45	6.35	124.77	15.25	16.84	1.56	24.32	14.56	47.82	15.6	306.69	36.95	3.42	53.36	
14/07/2024 06:50	19.45	6.35	124.77	15.25	16.87	1.53	24.23	14.57	47.82	15.6	306.69	37.03	3.36	53.19	
14/07/2024 06:55	19.45	6.35	124.77	15.25	16.83	1.57	24.66	14.57	47.82	15.6	306.69	36.94	3.45	54.11	
14/07/2024 07:00	19.45	6.35	124.77	15.25	16.56	1.39	24.22	14.56	47.82	15.6	306.69	36.31	3.04	53.11	
14/07/2024 07:05	19.45	6.35	124.77	15.25	16.83	1.58	24.23	14.56	47.82	15.6	306.69	36.92	3.46	53.15	
14/07/2024 07:10	19.45	6.35	124.77	15.25	16.87	1.56	24.59	14.57	47.82	15.6	306.69	37.01	3.43	53.97	
14/07/2024 07:15	19.45	6.35	124.77	15.25	16.73	1.54	24.76	14.56	47.82	15.6	306.69	36.69	3.38	54.31	
14/07/2024 07:20	19.45	6.35	124.77	15.25	16.63	1.54	24.63	14.56	47.82	15.6	306.69	36.46	3.37	53.98	
14/07/2024 07:25	19.45	6.35	124.77	15.25	16.76	1.51	24.14	14.56	47.82	15.6	306.69	36.76	3.32	52.94	
14/07/2024 07:30	19.45	6.35	124.77	15.25	16.83	1.51	23.62	14.56	47.82	15.6	306.69	36.91	3.32	51.79	
14/07/2024 07:35	19.45	6.35	124.77	15.25	16.81	1.52	23.94	14.56	47.82	15.6	306.69	36.87	3.34	52.52	
14/07/2024 07:40	19.45	6.35	124.77	15.25	16.94	1.62	23.33	14.57	47.82	15.6	306.69	37.17	3.56	51.2	
14/07/2024 07:45	19.45	6.35	124.77	15.25	16.68	1.31	23.34	14.56	47.82	15.6	306.69	36.57	2.88	51.2	
14/07/2024 07:50	19.45	6.35	124.77	15.25	16.78	1.48	23.3	14.56	47.82	15.6	306.69	36.81	3.24	51.1	
14/07/2024 07:55	19.45	6.35	124.77	15.25	16.79	1.42	23.26	14.56	47.82	15.6	306.69	36.81	3.11	51.01	
14/07/2024 08:00	19.45	6.35	124.77	15.25	16.8	1.46	23.49	14.56	47.82	15.6	306.69	36.84	3.2	51.49	
14/07/2024 08:05	19.45	6.35	124.77	15.25	16.7	1.39	23.19	14.56	47.82	15.6	306.69	36.62	3.04	50.84	
14/07/2024 08:10	19.45	6.35	124.77	15.25	16.72	1.41	22.98	14.56	47.82	15.6	306.69	36.63	3.09	50.35	
14/07/2024 08:15	19.45	6.35	124.77	15.25	16.88	1.43	22.86	14.55	47.82	15.6	306.69	36.98	3.13	50.08	
14/07/2024 08:20	19.45	6.35	124.77	15.25	16.65	1.31	23.28	14.55	47.82	15.6	306.69	36.46	2.86	50.97	
14/07/2024 08:25	19.45	6.35	124.77	15.25	16.75	1.36	22.86	14.55	47.82	15.6	306.69	36.67	2.98	50.06	
14/07/2024 08:30	19.45	6.35	124.77	15.25	16.8	1.32	22.66	14.55	47.82	15.6	306.69	36.77	2.88	49.59	
14/07/2024 08:35	19.45	6.35	124.77	15.25	16.71	1.26	22.82	14.55	47.82	15.6	306.69	36.56	2.75	49.95	
14/07/2024 08:40	19.45	6.35	124.77	15.25	16.76	1.28	22.79	14.55	47.82	15.6	306.69	36.67	2.8	49.87	
14/07/2024 08:45	19.45	6.35	124.77	15.25	16.8	1.28	22.77	14.54	47.82	15.6	306.69	36.74	2.79	49.81	
14/07/2024 08:50	19.45	6.35	124.77	15.25	16.8	1.23	22.76	14.55	47.82	15.6	306.69	36.75	2.68	49.79	
14/07/2024 08:55	19.45	6.35	124.77	15.25	16.73	1.33	22.91	14.54	47.82	15.6	306.69	36.59	2.92	50.1	
14/07/2024 09:00	19.45	6.35	124.77	15.25	16.51	1.03	23.13	14.54	47.82	15.6	306.69	36.08	2.26	50.54	
14/07/2024 09:05	19.45	6.35	124.77	15.25	16.73	1.23	23.06	14.54	47.82	15.6	306.69	36.55	2.68	50.39	
14/07/2024 09:10	19.45	6.35	124.77	15.25	16.75	1.14	23	14.54	47.82	15.6	306.69	36.59	2.5	50.24	
14/07/2024 09:15	19.45	6.35	124.77	15.25	16.67	1.13	22.69	14.53	47.82	15.6	306.69	36.4	2.48	49.53	
14/07/2024 09:20	19.45	6.35	124.77	15.25	16.76	1.23	23.01	14.54	47.82	15.6	306.69	36.6	2.68	50.25	
14/07/2024 09:25	19.45	6.35	124.77	15.25	16.68	1.02	22.9	14.54	47.82	15.6	306.69	36.44	2.24	50.02	
14/07/2024 09:30	19.45	6.35	124.77	15.25	16.87	1.11	22.53	14.53	47.82	15.6	306.69	36.84	2.42	49.18	
14/07/2024 09:35	19.45	6.35	124.77	15.25	16.65	1.03	23.15	14.53	47.82	15.6	306.69	36.31	2.24	50.49	
14/07/2024 09:40	19.45	6.35	124.77	15.25	16.66	0.98	22.77	14.52	47.82	15.6	306.69	36.31	2.14	49.64	
14/07/2024 09:45	19.45	6.35	124.77	15.25	16.9	1.19	23.03	14.52	47.82	15.6	306.69	36.82	2.59	50.18	
14/07/2024 09:50	19.45	6.35	124.77	15.25	16.73	0.97	23.11	14.52	47.82	15.6	306.69	36.44	2.12	50.34	
14/07/2024 09:55	19.45	6.35	124.77	15.25	16.72	1.09	23.22	14.52	47.82	15.6	306.69	36.42	2.38	50.59	
14/07/2024 10:00	19.45	6.35	124.77	15.25	16.63	1.09	23.31	14.52	47.82	15.6	306.69	36.2	2.36	50.75	
14/07/2024 10:05	19.45	6.35	124.77	15.25	16.73	1.09	23.27	14.52	47.82	15.6	306.69	36.44	2.36	50.67	
14/07/2024 10:10	19.45	6.35	124.77	15.25	16.99	1.07	22.73	14.52	47.82	15.6	306.69	36.99	2.34	49.49	
14/07/2024 10:15	19.45	6.35	124.77	15.25	17.02	0.83	22.6	14.51	47.82	15.6	306.69	37.02	1.8	49.16	
14/07/2024 10:20	19.45	6.35	124.77	15.25	16.78	0.67	22.49	14.5	47.82	15.6	306.69	36.41	1.45	48.81	
14/07/2024 10:25	19.45	6.35	124.77	15.25	17.1	0.85	22.5	14.49	47.82	15.6	306.69	37.09	1.83	48.81	
14/07/2024 10:30	19.45	6.35	124.77	15.25	16.88	0.65	22.23	14.49	47.82	15.6	306.69	36.58	1.41	48.18	
14/07/2024 10:35	19.45	6.35	124.77	15.25	17.04	0.72	22.64	14.48	47.82	15.6	306.69	36.91	1.55	49.02	
14/07/2024 10:40	19.45	6.35	124.77	15.25	16.88	0.59	22.35	14.48	47.82	15.6	306.69	36.53	1.28	48.38	
14/07/2024 10:45	19.45	6.35	124.77	15.25	17.01	0.74	22.22	14.48	47.82	15.6	306.69	36.8	1.6	48.08	
14/07/2024 10:50	19.45	6.35	124.77	15.25	17.01	0.69	21.54	14.47	47.82	15.6	306.69	36.79	1.49	46.6	
14/07/2024 10:55	19.45	6.35	124.77	15.25	16.99	0.6	22.37	14.47	47.82	15.6	306.69	36.71	1.29	48.33	
14/07/2024 11:00	19.45	6.35	124.77	15.25	16.82	0.64	22.44	14.46	47.82	15.6	306.69	36.31	1.39	48.44	
14/07/2024 11:05	19.45	6.35	124.77	15.25	16.8	0.55	22.44	14.46	47.82	15.6	306.69	36.23	1.18	48.41	
14/07/2024 11:10	19.45	6.35	124.77	15.25	16.89	0.71	22.56	14.46	47.82	15.6	306.69	36.43	1.53	48.67	
14/07/2024 11:15	19.45	6.35	124.77	15.25	16.97	0.64	22.62	14.46	47.82	15.6	306.69	36.63	1.39	48.81	
14/07/2024 11:20	19.45	6.35	124.77	15.25	16.84	0.55	22.66	14.45	47.82	15.6	306.69	36.33	1.19	48.86	
14/07/2024 11:25	19.45	6.35	124.77	15.25	16.94	0.65	22.18	14.46	47.82	15.6	306.69	36.55	1.39	47.87	
14/07/2024 11:30	19.45	6.35	124.77	15.25	16.72	0.41	22.46	14.46	47.82	15.6	306.69	36.06	0.89	48.45	
14/07/2024 11:35	19.45	6.35	124.77	15.25	16.86	0.63	22.63	14.46	47.82	15.6	306.69	36.36	1.35	48.82	
14/07/2024 11:40	19.45	6.35	124.77	15.25	16.81	0.49	22.6	14.46	47.82	15.6	306.69	36.27	1.06	48.76	
14/07/2024 11:45	19.45	6.35	124.77	15.25	16.91	0.63	22.69	14.46	47.82	15.6	306.69	36.49	1.37	48.97	
14/07/2024 11:50	19.45	6.35	124.77	15.25	16.54	0.32	22.93	14.46	47.82	15.6	306.69	35.71	0.69	49.49	
14/07/2024 11:55	19.45	6.35	124.77	15.25	16.89	0.59	23.55	14.46	47.82	15.6	306.69	36.48	1.27	50.86	
14/07/2024 12:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 12:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 12:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 12:15	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 12:20	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 12:25	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 12:30	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 12:35	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 12:40	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 12:45	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData



Date & Time	Stack1 NO <sub>x</sub>	Stack1 SO <sub>2</sub>	Stack1 CO	Stack1 O <sub>2</sub>	Stack2 NO <sub>x</sub>	Stack2 SO <sub>2</sub>	Stack2 CO	Stack2 O <sub>2</sub>	ck1 NO <sub>x</sub>	ck1 SO <sub>2</sub>	ck1 CO	ck2 NO <sub>x</sub>	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
14/07/2024 14:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:15	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:20	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:25	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:30	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:35	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:40	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:45	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:50	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 14:55	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:15	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:20	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:25	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:30	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:35	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:40	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:45	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:50	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 15:55	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:15	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:20	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:25	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:30	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:35	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:40	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:45	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:50	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 16:55	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 17:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 17:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 17:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 17:15	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 17:20	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14/07/2024 17:25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14/07/2024 17:30	19.45	6.35	124.77	15.25	16.38	0.6	24.07	14.48	47.82	15.6	306.69	35.47	1.3	52.13	
14/07/2024 17:35	19.45	6.35	124.77	15.25	16.33	0.56	23.91	14.48	47.82	15.6	306.69	35.37	1.2	51.8	
14/07/2024 17:40	19.45	6.35	124.77	15.25	15.9	0.51	22.69	14.46	47.82	15.6	306.69	34.33	1.09	48.98	
14/07/2024 17:45	19.45	6.35	124.77	15.25	15.97	0.57	22.14	14.46	47.82	15.6	306.69	34.45	1.23	47.78	
14/07/2024 17:50	19.45	6.35	124.77	15.25	15.57	0.45	22.14	14.45	47.82	15.6	306.69	33.58	0.98	47.75	
14/07/2024 17:55	19.45	6.35	124.77	15.25	15.9	0.63	22.35	14.46	47.82	15.6	306.69	34.31	1.37	48.23	
14/07/2024 18:00	19.45	6.35	124.77	15.25	15.61	0.5	22.35	14.46	47.82	15.6	306.69	33.69	1.08	48.23	
14/07/2024 18:05	19.45	6.35	124.77	15.25	15.77	0.65	22.51	14.46	47.82	15.6	306.69	34.03	1.4	48.56	
14/07/2024 18:10	19.45	6.35	124.77	15.25	16.47	0.73	23.18	14.48	47.82	15.6	306.69	35.68	1.58	50.21	
14/07/2024 18:15	19.45	6.35	124.77	15.25	16.54	0.76	24.02	14.49	47.82	15.6	306.69	35.89	1.66	52.12	
14/07/2024 18:20	19.45	6.35	124.77	15.25	16.59	0.84	24.53	14.5	47.82	15.6	306.69	36.05	1.83	53.29	
14/07/2024 18:25	19.45	6.35	124.77	15.25	16.68	0.74	24.1	14.5	47.82	15.6	306.69	36.23	1.61	52.36	
14/07/2024 18:30	19.45	6.35	124.77	15.25	16.69	0.87	24.24	14.51	47.82	15.6	306.69	36.3	1.89	52.7	
14/07/2024 18:35	19.45	6.35	124.77	15.25	16.63	0.81	24.15	14.51	47.82	15.6	306.69	36.15	1.76	52.51	
14/07/2024 18:40	19.45	6.35	124.77	15.25	16.64	0.76	24.02	14.49	47.82	15.6	306.69	36.12	1.66	52.13	
14/07/2024 18:45	19.45	6.35	124.77	15.25	16.61	0.89	23.93	14.5	47.82	15.6	306.69	36.06	1.93	51.96	
14/07/2024 18:50	19.45	6.35	124.77	15.25	16.84	0.95	24.14	14.51	47.82	15.6	306.69	36.64	2.06	52.51	
14/07/2024 18:55	19.45	6.35	124.77	15.25	16.62	0.78	24.26	14.52	47.82	15.6	306.69	36.19	1.7	52.83	
14/07/2024 19:00	19.45	6.35	124.77	15.25	16.79	1	24.39	14.52	47.82	15.6	306.69	36.58	2.17	53.13	
14/07/2024 19:05	19.45	6.35	124.77	15.25	17	1.09	24.55	14.53	47.82	15.6	306.69	37.09	2.38	53.57	
14/07/2024 19:10	19.45	6.35	124.77	15.25	16.56	0.85	24.5	14.51	47.82	15.6	306.69	36.04	1.85	53.34	
14/07/2024 19:15	19.45	6.35	124.77	15.25	16.78	1	24.83	14.52	47.82	15.6	306.69	36.54	2.18	54.07	
14/07/2024 19:20	19.45	6.35	124.77	15.25	17.12	1.17	24.4	14.51	47.82	15.6	306.69	37.24	2.56	53.08	
14/07/2024 19:25	19.45	6.35	124.77	15.25	16.6	0.85	24.62	14.51	47.82	15.6	306.69	36.1	1.85	53.52	
14/07/2024 19:30	19.45	6.35	124.77	15.25	16.8	1.11	24.97	14.51	47.82	15.6	306.69	36.53	2.42	54.3	
14/07/2024 19:35	19.45	6.35	124.77	15.25	16.36	0.86	24.75	14.51	47.82	15.6	306.69	35.57	1.86	53.8	
14/07/2024 19:40	19.45	6.35	124.77	15.25	16.91	1.12	24.17	14.51	47.82	15.6	306.69	36.77	2.43	52.57	
14/07/2024 19:45	19.45	6.35	124.77	15.25	16.64	0.95	23.61	14.51	47.82	15.6	306.69	36.18	2.06	51.34	
14/07/2024 19:50	19.45	6.35	124.77	15.25	16.69	0.88	23.27	14.52	47.82	15.6	306.69	36.37	1.92	50.71	
14/07/2024 19:55	19.45	6.35	124.77	15.25	17.08	1.14	22.83	14.56	47.82	15.6	306.69	37.43	2.49	50.05	
14/07/2024 20:00	19.45	6.35	124.77	15.25	17.02	1.22	23.35	14.56	47.82	15.6	306.69	37.34	2.69	51.22	
14/07/2024 20:05	19.45	6.35	124.77	15.25	16.82	1.09	23.64	14.57	47.82	15.6	306.69	36.91	2.4	51.88	
14/07/2024 20:10	19.45	6.35	124.77	15.25	16.86	1.16	23.71	14.56	47.82	15.6	306.69	36.99	2.55	52.03	
14/07/2024 20:15	19.45	6.35	124.77	15.25	16.93	1.23	23.84	14.57	47.82	15.6	306.69	37.16	2.7	52.32	
14/07/2024 20:20	19.45	6.35	124.77	15.25	16.96	1.22	23.57	14.57	47.82	15.6	306.69	37.24	2.69	51.75	
14/07/2024 20:25	19.45	6.35	124.77	15.25	16.85	1.26	23.35	14.57	47.82	15.6	306.69	36.99	2.77	51.27	
14/07/2024 20:30	19.45	6.35	124.77	15.25	16.8	1.19	23.62	14.57	47.82	15.6	306.69	36.88	2.62	51.87	
14/07/2024 20:35	19.45	6.35	124.77	15.25	16.99	1.26	23.63	14.57	47.82	15.6	306.69	37.32	2.76	51.9	
14/07/2024 20:40	19.45	6.35	124.77	15.25	16.97	1.27	23.4	14.57	47.82	15.6	306.69	37.27	2.78	51.38	
14/07/2024 20:45	19.45	6.35	124.77	15.25	16.92	1.22	23.19	14.57	47.82	15.6	306.69	37.16	2.68	50.94	
14/07/2024 20:50	19.45	6.35	124.77	15.25	16.95	1.26	23.21	14.58	47.82	15.6	306.69	37.26	2.76	51.01	
14/07/2024 20:55	19.45	6.35	124.77	15.25	17.06	1.23	22.87	14.57	47.82	15.6	306.69	37.49	2.7	50.26	
14/07/2024 21:00	19.45	6.35	124.77	15.25	16.94	1.15	22.64	14.58	47.82	15.6	306.69	37.23	2.53	49.76	
14/07/2024 21:05	19.45	6.35	124.77	15.25	17.14	1.23	22.75	14.58	47.82	15.6	306.69	37.7	2.7		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
14/07/2024 21:40	19.45	6.35	124.77	15.25	16.8	1.34	24.51	14.58	47.82	15.6	306.69	36.92	2.94	53.88	
14/07/2024 21:45	19.45	6.35	124.77	15.25	16.75	1.36	24.38	14.58	47.82	15.6	306.69	36.83	2.98	53.61	
14/07/2024 21:50	19.45	6.35	124.77	15.25	16.84	1.3	24.22	14.58	47.82	15.6	306.69	37.03	2.85	53.26	
14/07/2024 21:55	19.45	6.35	124.77	15.25	16.81	1.34	24.17	14.58	47.82	15.6	306.69	36.97	2.95	53.15	
14/07/2024 22:00	19.45	6.35	124.77	15.25	16.79	1.32	24.02	14.58	47.82	15.6	306.69	36.91	2.9	52.82	
14/07/2024 22:05	19.45	6.35	124.77	15.25	16.87	1.37	24.04	14.58	47.82	15.6	306.69	37.08	3.02	52.85	
14/07/2024 22:10	19.45	6.35	124.77	15.25	16.82	1.38	24.32	14.58	47.82	15.6	306.69	36.96	3.02	53.46	
14/07/2024 22:15	19.45	6.35	124.77	15.25	16.82	1.51	24.72	14.58	47.82	15.6	306.69	36.99	3.32	54.36	
14/07/2024 22:20	19.45	6.35	124.77	15.25	16.62	1.31	24.51	14.58	47.82	15.6	306.69	36.53	2.88	53.89	
14/07/2024 22:25	19.45	6.35	124.77	15.25	16.83	1.43	23.87	14.58	47.82	15.6	306.69	37.01	3.14	52.5	
14/07/2024 22:30	19.45	6.35	124.77	15.25	17.01	1.45	23.9	14.58	47.82	15.6	306.69	37.4	3.19	52.56	
14/07/2024 22:35	19.45	6.35	124.77	15.25	17.15	1.47	23.67	14.58	47.82	15.6	306.69	37.74	3.24	52.06	
14/07/2024 22:40	19.45	6.35	124.77	15.25	16.74	1.38	24.49	14.58	47.82	15.6	306.69	36.82	3.03	53.87	
14/07/2024 22:45	19.45	6.35	124.77	15.25	16.74	1.48	24.85	14.58	47.82	15.6	306.69	36.83	3.24	54.66	
14/07/2024 22:50	19.45	6.35	124.77	15.25	16.61	1.49	25.07	14.58	47.82	15.6	306.69	36.53	3.28	55.16	
14/07/2024 22:55	19.45	6.35	124.77	15.25	16.72	1.54	24.86	14.58	47.82	15.6	306.69	36.79	3.38	54.7	
14/07/2024 23:00	19.45	6.35	124.77	15.25	16.61	1.42	24.8	14.58	47.82	15.6	306.69	36.55	3.12	54.58	
14/07/2024 23:05	19.45	6.35	124.77	15.25	16.59	1.41	24.95	14.58	47.82	15.6	306.69	36.5	3.09	54.9	
14/07/2024 23:10	19.45	6.35	124.77	15.25	16.68	1.49	24.9	14.58	47.82	15.6	306.69	36.7	3.27	54.77	
14/07/2024 23:15	19.45	6.35	124.77	15.25	16.63	1.41	25.33	14.58	47.82	15.6	306.69	36.59	3.11	55.72	
14/07/2024 23:20	19.45	6.35	124.77	15.25	16.63	1.48	25.19	14.58	47.82	15.6	306.69	36.59	3.26	55.43	
14/07/2024 23:25	19.45	6.35	124.77	15.25	16.64	1.46	24.67	14.58	47.82	15.6	306.69	36.59	3.2	54.24	
14/07/2024 23:30	19.45	6.35	124.77	15.25	16.62	1.48	25.2	14.58	47.82	15.6	306.69	36.54	3.26	55.39	
14/07/2024 23:35	19.45	6.35	124.77	15.25	16.53	1.42	24.87	14.57	47.82	15.6	306.69	36.32	3.11	54.65	
14/07/2024 23:40	19.45	6.35	124.77	15.25	16.72	1.55	24.7	14.57	47.82	15.6	306.69	36.73	3.4	54.28	
14/07/2024 23:45	19.45	6.35	124.77	15.25	16.51	1.34	24.46	14.57	47.82	15.6	306.69	36.28	2.94	53.74	
14/07/2024 23:50	19.45	6.35	124.77	15.25	16.54	1.43	24.5	14.58	47.82	15.6	306.69	36.36	3.13	53.85	
14/07/2024 23:55	19.45	6.35	124.77	15.25	16.5	1.46	24.96	14.58	47.82	15.6	306.69	36.26	3.21	54.85	
15/07/2024 00:00	19.45	6.35	124.77	15.25	16.54	1.47	25.22	14.57	47.82	15.6	306.69	36.34	3.22	55.41	
15/07/2024 00:05	19.45	6.35	124.77	15.25	16.6	1.46	24.99	14.57	47.82	15.6	306.69	36.48	3.22	54.9	
15/07/2024 00:10	19.45	6.35	124.77	15.25	16.68	1.48	25.24	14.58	47.82	15.6	306.69	36.66	3.24	55.48	
15/07/2024 00:15	19.45	6.35	124.77	15.25	16.52	1.46	25.03	14.58	47.82	15.6	306.69	36.3	3.2	55.01	
15/07/2024 00:20	19.45	6.35	124.77	15.25	16.64	1.49	25.57	14.58	47.82	15.6	306.69	36.6	3.27	56.23	
15/07/2024 00:25	19.45	6.35	124.77	15.25	16.54	1.54	26.07	14.58	47.82	15.6	306.69	36.36	3.38	57.31	
15/07/2024 00:30	19.45	6.35	124.77	15.25	16.49	1.45	26.05	14.57	47.82	15.6	306.69	36.24	3.19	57.23	
15/07/2024 00:35	19.45	6.35	124.77	15.25	16.71	1.59	25.21	14.58	47.82	15.6	306.69	36.73	3.49	55.4	
15/07/2024 00:40	19.45	6.35	124.77	15.25	16.41	1.37	24.92	14.57	47.82	15.6	306.69	36.05	3.01	54.76	
15/07/2024 00:45	19.45	6.35	124.77	15.25	16.6	1.49	24.8	14.57	47.82	15.6	306.69	36.47	3.28	54.49	
15/07/2024 00:50	19.45	6.35	124.77	15.25	16.59	1.5	25.04	14.57	47.82	15.6	306.69	36.45	3.29	55.02	
15/07/2024 00:55	19.45	6.35	124.77	15.25	16.56	1.53	25.96	14.57	47.82	15.6	306.69	36.38	3.35	57.04	
15/07/2024 01:00	19.45	6.35	124.77	15.25	16.54	1.5	25.57	14.57	47.82	15.6	306.69	36.32	3.28	56.15	
15/07/2024 01:05	19.45	6.35	124.77	15.25	16.46	1.51	25.66	14.57	47.82	15.6	306.69	36.13	3.32	56.33	
15/07/2024 01:10	19.45	6.35	124.77	15.25	16.56	1.53	25.93	14.57	47.82	15.6	306.69	36.36	3.35	56.92	
15/07/2024 01:15	19.45	6.35	124.77	15.25	16.55	1.5	25.68	14.57	47.82	15.6	306.69	36.34	3.3	56.37	
15/07/2024 01:20	19.45	6.35	124.77	15.25	16.47	1.46	24.99	14.56	47.82	15.6	306.69	36.12	3.21	54.81	
15/07/2024 01:25	19.45	6.35	124.77	15.25	16.48	1.49	25.4	14.57	47.82	15.6	306.69	36.16	3.28	55.73	
15/07/2024 01:30	19.45	6.35	124.77	15.25	16.53	1.52	25.61	14.57	47.82	15.6	306.69	36.26	3.34	56.2	
15/07/2024 01:35	19.45	6.35	124.77	15.25	16.36	1.51	25.73	14.57	47.82	15.6	306.69	35.9	3.3	56.48	
15/07/2024 01:40	19.45	6.35	124.77	15.25	16.35	1.47	25.51	14.57	47.82	15.6	306.69	35.9	3.22	56	
15/07/2024 01:45	19.45	6.35	124.77	15.25	16.48	1.48	25.92	14.57	47.82	15.6	306.69	36.17	3.26	56.9	
15/07/2024 01:50	19.45	6.35	124.77	15.25	16.4	1.54	27.01	14.57	47.82	15.6	306.69	35.99	3.37	59.28	
15/07/2024 01:55	19.45	6.35	124.77	15.25	16.41	1.56	27.26	14.56	47.82	15.6	306.69	36	3.43	59.81	
15/07/2024 02:00	19.45	6.35	124.77	15.25	16.36	1.58	27.48	14.56	47.82	15.6	306.69	35.89	3.47	60.29	
15/07/2024 02:05	19.45	6.35	124.77	15.25	16.37	1.5	26.52	14.56	47.82	15.6	306.69	35.92	3.28	58.19	
15/07/2024 02:10	19.45	6.35	124.77	15.25	16.48	1.57	26.5	14.57	47.82	15.6	306.69	36.17	3.45	58.18	
15/07/2024 02:15	19.45	6.35	124.77	15.25	16.32	1.52	26.46	14.57	47.82	15.6	306.69	35.84	3.34	58.1	
15/07/2024 02:20	19.45	6.35	124.77	15.25	16.32	1.54	26.25	14.57	47.82	15.6	306.69	35.83	3.37	57.62	
15/07/2024 02:25	19.45	6.35	124.77	15.25	16.44	1.52	25.74	14.57	47.82	15.6	306.69	36.1	3.34	56.52	
15/07/2024 02:30	19.45	6.35	124.77	15.25	16.45	1.56	25.39	14.57	47.82	15.6	306.69	36.1	3.42	55.73	
15/07/2024 02:35	19.45	6.35	124.77	15.25	16.35	1.53	25.8	14.56	47.82	15.6	306.69	35.88	3.36	56.61	
15/07/2024 02:40	19.45	6.35	124.77	15.25	16.35	1.55	25.43	14.56	47.82	15.6	306.69	35.86	3.4	55.78	
15/07/2024 02:45	19.45	6.35	124.77	15.25	16.33	1.54	25.19	14.56	47.82	15.6	306.69	35.82	3.38	55.24	
15/07/2024 02:50	19.45	6.35	124.77	15.25	16.39	1.55	24.99	14.56	47.82	15.6	306.69	35.95	3.41	54.82	
15/07/2024 02:55	19.45	6.35	124.77	15.25	16.36	1.58	24.91	14.56	47.82	15.6	306.69	35.88	3.46	54.64	
15/07/2024 03:00	19.45	6.35	124.77	15.25	16.4	1.51	25.26	14.56	47.82	15.6	306.69	35.98	3.32	55.4	
15/07/2024 03:05	19.45	6.35	124.77	15.25	16.47	1.55	24.85	14.56	47.82	15.6	306.69	36.13	3.39	54.53	
15/07/2024 03:10	19.45	6.35	124.77	15.25	16.52	1.51	24.77	14.56	47.82	15.6	306.69	36.23	3.3	54.33	
15/07/2024 03:15	19.45	6.35	124.77	15.25	16.38	1.58	25.44	14.57	47.82	15.6	306.69	35.95	3.48	55.85	
15/07/2024 03:20	19.45	6.35	124.77	15.25	16.37	1.52	25.41	14.57	47.82	15.6	306.69	35.93	3.34	55.77	
15/07/2024 03:25	19.45	6.35	124.77	15.25	16.37	1.59	24.83	14.57	47.82	15.6	306.69	35.94	3.49	54.5	
15/07/2024 03:30	19.45	6.35	124.77	15.25	16.42	1.5	24.9	14.57	47.82	15.6	306.69	36.04	3.29	54.65	
15/07/2024 03:35	19.45	6.35	124.77	15.25	16.48	1.6	24.95	14.57	47.82	15.6	306.69	36.18	3.52	54.76	
15/07/2024 03:40	19.45	6.35	124.77	15.25	16.42										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
15/07/2024 05:15	19.45	6.35	124.77	15.25	16.4	1.59	25.28	14.57	47.82	15.6	306.69	35.99	3.49	55.5	
15/07/2024 05:20	19.45	6.35	124.77	15.25	16.33	1.59	25.1	14.57	47.82	15.6	306.69	35.86	3.48	55.11	
15/07/2024 05:25	19.45	6.35	124.77	15.25	16.36	1.6	25.57	14.57	47.82	15.6	306.69	35.91	3.51	56.14	
15/07/2024 05:30	19.45	6.35	124.77	15.25	16.37	1.54	25.86	14.57	47.82	15.6	306.69	35.94	3.39	56.78	
15/07/2024 05:35	19.45	6.35	124.77	15.25	16.28	1.5	25.73	14.57	47.82	15.6	306.69	35.75	3.3	56.49	
15/07/2024 05:40	19.45	6.35	124.77	15.25	16.34	1.52	25.33	14.57	47.82	15.6	306.69	35.86	3.34	55.6	
15/07/2024 05:45	19.45	6.35	124.77	15.25	16.42	1.57	25.68	14.57	47.82	15.6	306.69	36.04	3.46	56.37	
15/07/2024 05:50	19.45	6.35	124.77	15.25	16.37	1.54	25.32	14.57	47.82	15.6	306.69	35.92	3.39	55.57	
15/07/2024 05:55	19.45	6.35	124.77	15.25	16.22	1.49	25.54	14.56	47.82	15.6	306.69	35.58	3.28	56.04	
15/07/2024 06:00	19.45	6.35	124.77	15.25	16.32	1.52	25.65	14.57	47.82	15.6	306.69	35.82	3.34	56.32	
15/07/2024 06:05	19.45	6.35	124.77	15.25	16.37	1.56	25.38	14.57	47.82	15.6	306.69	35.93	3.42	55.71	
15/07/2024 06:10	19.45	6.35	124.77	15.25	16.37	1.48	24.65	14.56	47.82	15.6	306.69	35.91	3.24	54.07	
15/07/2024 06:15	19.45	6.35	124.77	15.25	16.44	1.55	25.15	14.57	47.82	15.6	306.69	36.1	3.41	55.22	
15/07/2024 06:20	19.45	6.35	124.77	15.25	16.22	1.51	25.43	14.57	47.82	15.6	306.69	35.58	3.31	55.79	
15/07/2024 06:25	19.45	6.35	124.77	15.25	16.33	1.54	25.46	14.56	47.82	15.6	306.69	35.83	3.37	55.85	
15/07/2024 06:30	19.45	6.35	124.77	15.25	16.17	1.49	25.57	14.56	47.82	15.6	306.69	35.45	3.27	56.08	
15/07/2024 06:35	19.45	6.35	124.77	15.25	16.32	1.53	25.62	14.56	47.82	15.6	306.69	35.77	3.35	56.13	
15/07/2024 06:40	19.45	6.35	124.77	15.25	16.25	1.5	25.47	14.56	47.82	15.6	306.69	35.61	3.29	55.81	
15/07/2024 06:45	19.45	6.35	124.77	15.25	16.29	1.51	25.07	14.56	47.82	15.6	306.69	35.69	3.3	54.93	
15/07/2024 06:50	19.45	6.35	124.77	15.25	16.15	1.5	25.95	14.56	47.82	15.6	306.69	35.41	3.29	56.89	
15/07/2024 06:55	19.45	6.35	124.77	15.25	16.19	1.54	26.05	14.56	47.82	15.6	306.69	35.52	3.38	57.16	
15/07/2024 07:00	19.45	6.35	124.77	15.25	16.39	1.62	26.12	14.56	47.82	15.6	306.69	35.96	3.55	57.31	
15/07/2024 07:05	19.45	6.35	124.77	15.25	16.09	1.44	26.26	14.57	47.82	15.6	306.69	35.31	3.16	57.63	
15/07/2024 07:10	19.45	6.35	124.77	15.25	16.38	1.53	25.34	14.57	47.82	15.6	306.69	35.94	3.35	55.62	
15/07/2024 07:15	19.45	6.35	124.77	15.25	16.37	1.49	25.56	14.57	47.82	15.6	306.69	35.95	3.26	56.13	
15/07/2024 07:20	19.45	6.35	124.77	15.25	16.27	1.52	26.46	14.57	47.82	15.6	306.69	35.72	3.34	58.11	
15/07/2024 07:25	19.45	6.35	124.77	15.25	16.47	1.47	25.95	14.57	47.82	15.6	306.69	36.15	3.23	56.97	
15/07/2024 07:30	19.45	6.35	124.77	15.25	16.21	1.46	26.78	14.57	47.82	15.6	306.69	35.59	3.22	58.8	
15/07/2024 07:35	19.45	6.35	124.77	15.25	16.29	1.45	26.94	14.57	47.82	15.6	306.69	35.78	3.18	59.15	
15/07/2024 07:40	19.45	6.35	124.77	15.25	16.4	1.44	25.86	14.56	47.82	15.6	306.69	35.99	3.15	56.74	
15/07/2024 07:45	19.45	6.35	124.77	15.25	16.29	1.3	25.26	14.56	47.82	15.6	306.69	35.71	2.85	55.39	
15/07/2024 07:50	19.45	6.35	124.77	15.25	16.39	1.36	26.44	14.56	47.82	15.6	306.69	35.93	2.99	57.97	
15/07/2024 07:55	19.45	6.35	124.77	15.25	16.34	1.31	25.04	14.56	47.82	15.6	306.69	35.82	2.87	54.87	
15/07/2024 08:00	19.45	6.35	124.77	15.25	16.49	1.32	25.03	14.56	47.82	15.6	306.69	36.14	2.9	54.85	
15/07/2024 08:05	19.45	6.35	124.77	15.25	16.37	1.33	25.65	14.55	47.82	15.6	306.69	35.86	2.91	56.18	
15/07/2024 08:10	19.45	6.35	124.77	15.25	16.37	1.28	25.4	14.55	47.82	15.6	306.69	35.85	2.81	55.61	
15/07/2024 08:15	19.45	6.35	124.77	15.25	16.47	1.37	26.32	14.55	47.82	15.6	306.69	36.06	3.01	57.61	
15/07/2024 08:20	19.45	6.35	124.77	15.25	16.24	1.2	26.61	14.55	47.82	15.6	306.69	35.54	2.62	58.23	
15/07/2024 08:25	19.45	6.35	124.77	15.25	16.43	1.38	26.14	14.55	47.82	15.6	306.69	35.95	3.02	57.2	
15/07/2024 08:30	19.45	6.35	124.77	15.25	16.3	1.24	26.3	14.54	47.82	15.6	306.69	35.64	2.7	57.52	
15/07/2024 08:35	19.45	6.35	124.77	15.25	16.41	1.33	26.4	14.54	47.82	15.6	306.69	35.88	2.92	57.73	
15/07/2024 08:40	19.45	6.35	124.77	15.25	16.47	1.27	25.95	14.54	47.82	15.6	306.69	36.01	2.78	56.74	
15/07/2024 08:45	19.45	6.35	124.77	15.25	16.5	1.33	25.99	14.54	47.82	15.6	306.69	36.07	2.92	56.82	
15/07/2024 08:50	19.45	6.35	124.77	15.25	16.44	1.27	25.65	14.54	47.82	15.6	306.69	35.96	2.77	56.11	
15/07/2024 08:55	19.45	6.35	124.77	15.25	16.4	1.32	25.82	14.54	47.82	15.6	306.69	35.87	2.9	56.47	
15/07/2024 09:00	19.45	6.35	124.77	15.25	16.33	1.22	25.1	14.54	47.82	15.6	306.69	35.69	2.67	54.84	
15/07/2024 09:05	19.45	6.35	124.77	15.25	16.58	1.3	24.53	14.54	47.82	15.6	306.69	36.23	2.83	53.6	
15/07/2024 09:10	19.45	6.35	124.77	15.25	16.46	1.13	24.86	14.54	47.82	15.6	306.69	35.96	2.47	54.3	
15/07/2024 09:15	19.45	6.35	124.77	15.25	16.35	1.23	25.12	14.54	47.82	15.6	306.69	35.71	2.68	54.87	
15/07/2024 09:20	19.45	6.35	124.77	15.25	16.3	1.18	25.28	14.54	47.82	15.6	306.69	35.59	2.57	55.21	
15/07/2024 09:25	19.45	6.35	124.77	15.25	16.55	1.26	24.86	14.54	47.82	15.6	306.69	36.15	2.75	54.3	
15/07/2024 09:30	19.45	6.35	124.77	15.25	16.51	1.11	24.32	14.53	47.82	15.6	306.69	36.06	2.42	53.09	
15/07/2024 09:35	19.45	6.35	124.77	15.25	16.58	1.25	24.99	14.53	47.82	15.6	306.69	36.2	2.74	54.57	
15/07/2024 09:40	19.45	6.35	124.77	15.25	16.48	1.2	25.28	14.53	47.82	15.6	306.69	35.97	2.61	55.18	
15/07/2024 09:45	19.45	6.35	124.77	15.25	16.35	1.23	26.01	14.53	47.82	15.6	306.69	35.68	2.69	56.76	
15/07/2024 09:50	19.45	6.35	124.77	15.25	16.41	1.16	25.6	14.53	47.82	15.6	306.69	35.81	2.52	55.84	
15/07/2024 09:55	19.45	6.35	124.77	15.25	16.56	1.24	25.09	14.53	47.82	15.6	306.69	36.11	2.7	54.72	
15/07/2024 10:00	19.45	6.35	124.77	15.25	16.48	1.03	24.5	14.52	47.82	15.6	306.69	35.93	2.25	53.39	
15/07/2024 10:05	19.45	6.35	124.77	15.25	16.49	1.17	25.22	14.52	47.82	15.6	306.69	35.94	2.56	54.96	
15/07/2024 10:10	19.45	6.35	124.77	15.25	16.31	1.12	25.97	14.52	47.82	15.6	306.69	35.53	2.45	56.6	
15/07/2024 10:15	19.45	6.35	124.77	15.25	16.43	1.13	24.89	14.53	47.82	15.6	306.69	35.83	2.46	54.26	
15/07/2024 10:20	19.45	6.35	124.77	15.25	16.5	1.08	24.86	14.52	47.82	15.6	306.69	35.95	2.36	54.18	
15/07/2024 10:25	19.45	6.35	124.77	15.25	16.5	1.13	25.44	14.52	47.82	15.6	306.69	35.96	2.46	55.45	
15/07/2024 10:30	19.45	6.35	124.77	15.25	16.32	0.99	25.2	14.52	47.82	15.6	306.69	35.54	2.15	54.88	
15/07/2024 10:35	19.45	6.35	124.77	15.25	16.34	1.01	24.9	14.52	47.82	15.6	306.69	35.59	2.19	54.24	
15/07/2024 10:40	19.45	6.35	124.77	15.25	16.31	0.86	24.84	14.51	47.82	15.6	306.69	35.49	1.88	54.05	
15/07/2024 10:45	19.45	6.35	124.77	15.25	16.51	0.99	25.02	14.51	47.82	15.6	306.69	35.91	2.16	54.4	
15/07/2024 10:50	19.45	6.35	124.77	15.25	16.37	0.91	24.82	14.51	47.82	15.6	306.69	35.58	1.98	53.95	
15/07/2024 10:55	19.45	6.35	124.77	15.25	16.43	0.99	24.69	14.5	47.82	15.6	306.69	35.71	2.15	53.66	
15/07/2024 11:00	19.45	6.35	124.77	15.25	16.33	0.84	24.45	14.5	47.82	15.6	306.69	35.46	1.83	53.11	
15/07/2024 11:05	19.45	6.35	124.77	15.25	16.28	0.78	24.6	14.5	47.82	15.6	306.69	35.34	1.7	53.42	
15/07/2024 11:10	19.45	6.35	124.77	15.25	16.23	0.73	24.46	14.5	47.82	15.6	306.69	35.22	1.59	53.09	
15/07/2024 11:15	19.45	6.35	124.77	15.25											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
15/07/2024 12:50	19.45	6.35	124.77	15.25	16.47	1.04	25.88	14.48	47.82	15.6	306.69	35.67	2.25	56.06	
15/07/2024 12:55	19.45	6.35	124.77	15.25	16.51	0.9	26.22	14.48	47.82	15.6	306.69	35.74	1.95	56.77	
15/07/2024 13:00	19.45	6.35	124.77	15.25	16.54	0.99	26.4	14.48	47.82	15.6	306.69	35.81	2.15	57.16	
15/07/2024 13:05	19.45	6.35	124.77	15.25	16.51	1.06	26.94	14.48	47.82	15.6	306.69	35.75	2.29	58.34	
15/07/2024 13:10	19.45	6.35	124.77	15.25	16.66	1.12	26.54	14.48	47.82	15.6	306.69	36.06	2.42	57.43	
15/07/2024 13:15	19.45	6.35	124.77	15.25	16.44	0.96	26.52	14.47	47.82	15.6	306.69	35.57	2.08	57.36	
15/07/2024 13:20	19.45	6.35	124.77	15.25	16.55	0.98	26.55	14.47	47.82	15.6	306.69	35.8	2.11	57.42	
15/07/2024 13:25	19.45	6.35	124.77	15.25	16.52	1.09	26.93	14.47	47.82	15.6	306.69	35.73	2.35	58.24	
15/07/2024 13:30	19.45	6.35	124.77	15.25	16.55	0.96	26.57	14.47	47.82	15.6	306.69	35.77	2.08	57.43	
15/07/2024 13:35	19.45	6.35	124.77	15.25	16.6	1.04	27.18	14.47	47.82	15.6	306.69	35.89	2.26	58.77	
15/07/2024 13:40	19.45	6.35	124.77	15.25	16.67	1.1	27.38	14.47	47.82	15.6	306.69	36.06	2.38	59.21	
15/07/2024 13:45	19.45	6.35	124.77	15.25	16.55	1.02	27.07	14.47	47.82	15.6	306.69	35.78	2.22	58.53	
15/07/2024 13:50	19.45	6.35	124.77	15.25	16.66	1.04	26.81	14.47	47.82	15.6	306.69	36.01	2.26	57.95	
15/07/2024 13:55	19.45	6.35	124.77	15.25	16.46	0.91	26.22	14.47	47.82	15.6	306.69	35.58	1.97	56.68	
15/07/2024 14:00	19.45	6.35	124.77	15.25	16.76	1.06	25.68	14.47	47.82	15.6	306.69	36.25	2.28	55.53	
15/07/2024 14:05	19.45	6.35	124.77	15.25	16.38	0.89	26.29	14.47	47.82	15.6	306.69	35.41	1.93	56.84	
15/07/2024 14:10	19.45	6.35	124.77	15.25	16.53	0.96	25.91	14.47	47.82	15.6	306.69	35.74	2.08	56.02	
15/07/2024 14:15	19.45	6.35	124.77	15.25	16.37	0.83	25.85	14.47	47.82	15.6	306.69	35.39	1.79	55.88	
15/07/2024 14:20	19.45	6.35	124.77	15.25	16.5	0.98	26.08	14.47	47.82	15.6	306.69	35.67	2.13	56.38	
15/07/2024 14:25	19.45	6.35	124.77	15.25	16.67	1.03	25.94	14.47	47.82	15.6	306.69	36.05	2.22	56.1	
15/07/2024 14:30	19.45	6.35	124.77	15.25	16.52	0.95	26.05	14.47	47.82	15.6	306.69	35.7	2.05	56.3	
15/07/2024 14:35	19.45	6.35	124.77	15.25	16.36	0.82	26.03	14.47	47.82	15.6	306.69	35.36	1.76	56.26	
15/07/2024 14:40	19.45	6.35	124.77	15.25	16.43	0.91	26.06	14.47	47.82	15.6	306.69	35.5	1.97	56.32	
15/07/2024 14:45	19.45	6.35	124.77	15.25	16.41	1.04	26.73	14.47	47.82	15.6	306.69	35.48	2.24	57.8	
15/07/2024 14:50	19.45	6.35	124.77	15.25	16.21	0.85	26.17	14.47	47.82	15.6	306.69	35.05	1.84	56.57	
15/07/2024 14:55	19.45	6.35	124.77	15.25	16.46	1.03	26.13	14.47	47.82	15.6	306.69	35.59	2.23	56.52	
15/07/2024 15:00	19.45	6.35	124.77	15.25	16.15	0.85	26.94	14.47	47.82	15.6	306.69	34.9	1.84	58.24	
15/07/2024 15:05	19.45	6.35	124.77	15.25	16.66	1.08	26	14.47	47.82	15.6	306.69	36.03	2.33	56.22	
15/07/2024 15:10	19.45	6.35	124.77	15.25	16.5	0.87	26.14	14.47	47.82	15.6	306.69	35.67	1.88	56.51	
15/07/2024 15:15	19.45	6.35	124.77	15.25	16.36	0.85	25.89	14.47	47.82	15.6	306.69	35.38	1.83	55.97	
15/07/2024 15:20	19.45	6.35	124.77	15.25	16.36	0.87	26.25	14.47	47.82	15.6	306.69	35.36	1.88	56.75	
15/07/2024 15:25	19.45	6.35	124.77	15.25	16.65	1.08	26.02	14.47	47.82	15.6	306.69	36	2.33	56.27	
15/07/2024 15:30	19.45	6.35	124.77	15.25	16.28	0.74	25.56	14.47	47.82	15.6	306.69	35.22	1.6	55.29	
15/07/2024 15:35	19.45	6.35	124.77	15.25	16.48	1.08	25.62	14.48	47.82	15.6	306.69	35.66	2.33	55.44	
15/07/2024 15:40	19.45	6.35	124.77	15.25	16.64	1.11	25.51	14.48	47.82	15.6	306.69	36.01	2.4	55.22	
15/07/2024 15:45	19.45	6.35	124.77	15.25	16.12	0.83	26.17	14.48	47.82	15.6	306.69	34.88	1.8	56.63	
15/07/2024 15:50	19.45	6.35	124.77	15.25	16.44	1.07	26.68	14.48	47.82	15.6	306.69	35.58	2.32	57.75	
15/07/2024 15:55	19.45	6.35	124.77	15.25	16.18	0.93	26.86	14.48	47.82	15.6	306.69	35.02	2.01	58.14	
15/07/2024 16:00	19.45	6.35	124.77	15.25	15.83	0.73	26.25	14.48	47.82	15.6	306.69	34.26	1.59	56.81	
15/07/2024 16:05	19.45	6.35	124.77	15.25	16.28	0.97	25.61	14.48	47.82	15.6	306.69	35.25	2.09	55.45	
15/07/2024 16:10	19.45	6.35	124.77	15.25	16.12	0.86	25.71	14.47	47.82	15.6	306.69	34.87	1.86	55.62	
15/07/2024 16:15	19.45	6.35	124.77	15.25	16.21	0.95	26.51	14.48	47.82	15.6	306.69	35.08	2.05	57.37	
15/07/2024 16:20	19.45	6.35	124.77	15.25	16.34	1.04	25.68	14.48	47.82	15.6	306.69	35.35	2.26	55.58	
15/07/2024 16:25	19.45	6.35	124.77	15.25	16.12	0.83	26.06	14.47	47.82	15.6	306.69	34.87	1.8	56.36	
15/07/2024 16:30	19.45	6.35	124.77	15.25	16.35	1	26	14.48	47.82	15.6	306.69	35.37	2.17	56.25	
15/07/2024 16:35	19.45	6.35	124.77	15.25	16.37	0.95	26.25	14.47	47.82	15.6	306.69	35.4	2.06	56.78	
15/07/2024 16:40	19.45	6.35	124.77	15.25	16.27	0.91	25.79	14.47	47.82	15.6	306.69	35.17	1.98	55.77	
15/07/2024 16:45	19.45	6.35	124.77	15.25	16.52	1.11	25.7	14.48	47.82	15.6	306.69	35.75	2.41	55.61	
15/07/2024 16:50	19.45	6.35	124.77	15.25	16.26	0.92	25.94	14.47	47.82	15.6	306.69	35.17	1.99	56.1	
15/07/2024 16:55	19.45	6.35	124.77	15.25	16.36	0.98	25.94	14.48	47.82	15.6	306.69	35.4	2.13	56.14	
15/07/2024 17:00	19.45	6.35	124.77	15.25	16.33	0.92	25.57	14.48	47.82	15.6	306.69	35.35	1.99	55.35	
15/07/2024 17:05	19.45	6.35	124.77	15.25	16.34	1.02	25.61	14.48	47.82	15.6	306.69	35.4	2.2	55.47	
15/07/2024 17:10	19.45	6.35	124.77	15.25	16.34	0.98	25.17	14.48	47.82	15.6	306.69	35.38	2.11	54.5	
15/07/2024 17:15	19.45	6.35	124.77	15.25	16.39	1.06	24.85	14.48	47.82	15.6	306.69	35.49	2.3	53.8	
15/07/2024 17:20	19.45	6.35	124.77	15.25	16.37	0.96	24.98	14.48	47.82	15.6	306.69	35.43	2.09	54.06	
15/07/2024 17:25	19.45	6.35	124.77	15.25	16.19	0.87	24.99	14.48	47.82	15.6	306.69	35.04	1.88	54.09	
15/07/2024 17:30	19.45	6.35	124.77	15.25	15.72	1.02	23.17	14.45	47.82	15.6	306.69	33.9	2.19	49.95	
15/07/2024 17:35	19.45	6.35	124.77	15.25	15.59	1	22.82	14.45	47.82	15.6	306.69	33.61	2.16	49.18	
15/07/2024 17:40	19.45	6.35	124.77	15.25	15.8	1.07	22.26	14.46	47.82	15.6	306.69	34.09	2.31	48	
15/07/2024 17:45	19.45	6.35	124.77	15.25	15.65	0.83	21.75	14.46	47.82	15.6	306.69	33.75	1.8	46.93	
15/07/2024 17:50	19.45	6.35	124.77	15.25	15.63	0.94	22.01	14.46	47.82	15.6	306.69	33.72	2.04	47.49	
15/07/2024 17:55	19.45	6.35	124.77	15.25	15.69	0.91	22.22	14.46	47.82	15.6	306.69	33.84	1.97	47.94	
15/07/2024 18:00	19.45	6.35	124.77	15.25	16.05	1.05	23.24	14.47	47.82	15.6	306.69	34.67	2.26	50.19	
15/07/2024 18:05	19.45	6.35	124.77	15.25	16.32	1.09	25.3	14.49	47.82	15.6	306.69	35.38	2.37	54.82	
15/07/2024 18:10	19.45	6.35	124.77	15.25	16.24	1.07	25.74	14.49	47.82	15.6	306.69	35.21	2.33	55.81	
15/07/2024 18:15	19.45	6.35	124.77	15.25	16.47	1.14	25.08	14.49	47.82	15.6	306.69	35.74	2.47	54.4	
15/07/2024 18:20	19.45	6.35	124.77	15.25	16.34	0.97	24.52	14.49	47.82	15.6	306.69	35.44	2.1	53.17	
15/07/2024 18:25	19.45	6.35	124.77	15.25	16.57	1.22	25.01	14.49	47.82	15.6	306.69	35.96	2.64	54.26	
15/07/2024 18:30	19.45	6.35	124.77	15.25	16.08	0.96	25.8	14.49	47.82	15.6	306.69	34.88	2.09	55.96	
15/07/2024 18:35	19.45	6.35	124.77	15.25	16.27	1.3	26.18	14.49	47.82	15.6	306.69	35.3	2.83	56.8	
15/07/2024 18:40	19.45	6.35	124.77	15.25	16.2	1.14	25.71	14.49	47.82	15.6	306.69	35.16	2.46	55.78	
15/07/2024 18:45	19.45	6.35	124.77	15.25	16.3	1.19	25.47	14.5	47.82	15.6	306.69	35.39	2.59	55.3	
15/07/2024 18:50	19.45	6.35	124.77												



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
15/07/2024 20:25	19.45	6.35	124.77	15.25	16.47	1.45	26.3	14.51	47.82	15.6	306.69	35.81	3.16	57.19	
15/07/2024 20:30	19.45	6.35	124.77	15.25	16.33	1.32	26.16	14.5	47.82	15.6	306.69	35.48	2.87	56.85	
15/07/2024 20:35	19.45	6.35	124.77	15.25	16.47	1.49	26.41	14.51	47.82	15.6	306.69	35.8	3.25	57.41	
15/07/2024 20:40	19.45	6.35	124.77	15.25	16.43	1.45	26.33	14.51	47.82	15.6	306.69	35.72	3.16	57.25	
15/07/2024 20:45	19.45	6.35	124.77	15.25	16.45	1.49	26.41	14.51	47.82	15.6	306.69	35.77	3.24	57.44	
15/07/2024 20:50	19.45	6.35	124.77	15.25	16.46	1.47	26.51	14.51	47.82	15.6	306.69	35.79	3.2	57.66	
15/07/2024 20:55	19.45	6.35	124.77	15.25	16.45	1.52	26.51	14.51	47.82	15.6	306.69	35.78	3.3	57.69	
15/07/2024 21:00	19.45	6.35	124.77	15.25	16.57	1.49	26.12	14.51	47.82	15.6	306.69	36.06	3.24	56.83	
15/07/2024 21:05	19.45	6.35	124.77	15.25	16.41	1.47	26.14	14.51	47.82	15.6	306.69	35.71	3.2	56.88	
15/07/2024 21:10	19.45	6.35	124.77	15.25	16.51	1.51	26.44	14.51	47.82	15.6	306.69	35.93	3.28	57.54	
15/07/2024 21:15	19.45	6.35	124.77	15.25	16.4	1.47	26.13	14.51	47.82	15.6	306.69	35.69	3.19	56.86	
15/07/2024 21:20	19.45	6.35	124.77	15.25	16.44	1.51	26.15	14.51	47.82	15.6	306.69	35.77	3.28	56.88	
15/07/2024 21:25	19.45	6.35	124.77	15.25	16.38	1.45	26.18	14.51	47.82	15.6	306.69	35.65	3.16	56.97	
15/07/2024 21:30	19.45	6.35	124.77	15.25	16.36	1.47	26.04	14.51	47.82	15.6	306.69	35.6	3.21	56.67	
15/07/2024 21:35	19.45	6.35	124.77	15.25	16.34	1.48	26.43	14.51	47.82	15.6	306.69	35.53	3.22	57.48	
15/07/2024 21:40	19.45	6.35	124.77	15.25	16.49	1.55	26.5	14.51	47.82	15.6	306.69	35.87	3.38	57.67	
15/07/2024 21:45	19.45	6.35	124.77	15.25	16.33	1.47	26.44	14.51	47.82	15.6	306.69	35.53	3.2	57.52	
15/07/2024 21:50	19.45	6.35	124.77	15.25	16.32	1.53	26.75	14.51	47.82	15.6	306.69	35.51	3.34	58.22	
15/07/2024 21:55	19.45	6.35	124.77	15.25	16.36	1.47	25.38	14.52	47.82	15.6	306.69	35.61	3.19	55.26	
15/07/2024 22:00	19.45	6.35	124.77	15.25	16.51	1.46	26.09	14.52	47.82	15.6	306.69	35.93	3.17	56.8	
15/07/2024 22:05	19.45	6.35	124.77	15.25	16.38	1.52	26.6	14.51	47.82	15.6	306.69	35.65	3.3	57.89	
15/07/2024 22:10	19.45	6.35	124.77	15.25	16.34	1.53	26.37	14.51	47.82	15.6	306.69	35.56	3.34	57.39	
15/07/2024 22:15	19.45	6.35	124.77	15.25	16.27	1.42	26.24	14.51	47.82	15.6	306.69	35.4	3.1	57.11	
15/07/2024 22:20	19.45	6.35	124.77	15.25	16.2	1.44	26.52	14.51	47.82	15.6	306.69	35.26	3.13	57.73	
15/07/2024 22:25	19.45	6.35	124.77	15.25	16.22	1.45	26.6	14.52	47.82	15.6	306.69	35.33	3.16	57.91	
15/07/2024 22:30	19.45	6.35	124.77	15.25	16.18	1.5	26.56	14.52	47.82	15.6	306.69	35.22	3.26	57.82	
15/07/2024 22:35	19.45	6.35	124.77	15.25	16.24	1.49	26.81	14.52	47.82	15.6	306.69	35.37	3.24	58.4	
15/07/2024 22:40	19.45	6.35	124.77	15.25	16.27	1.49	26.5	14.52	47.82	15.6	306.69	35.44	3.24	57.71	
15/07/2024 22:45	19.45	6.35	124.77	15.25	16.36	1.47	26.22	14.52	47.82	15.6	306.69	35.63	3.2	57.1	
15/07/2024 22:50	19.45	6.35	124.77	15.25	16.27	1.48	25.9	14.51	47.82	15.6	306.69	35.42	3.23	56.37	
15/07/2024 22:55	19.45	6.35	124.77	15.25	16.37	1.49	25.86	14.52	47.82	15.6	306.69	35.64	3.25	56.31	
15/07/2024 23:00	19.45	6.35	124.77	15.25	16.42	1.42	26.01	14.51	47.82	15.6	306.69	35.73	3.09	56.6	
15/07/2024 23:05	19.45	6.35	124.77	15.25	16.37	1.49	25.68	14.51	47.82	15.6	306.69	35.62	3.25	55.87	
15/07/2024 23:10	19.45	6.35	124.77	15.25	16.24	1.32	25.57	14.51	47.82	15.6	306.69	35.32	2.88	55.62	
15/07/2024 23:15	19.45	6.35	124.77	15.25	16.29	1.44	25.32	14.51	47.82	15.6	306.69	35.44	3.14	55.07	
15/07/2024 23:20	19.45	6.35	124.77	15.25	16.52	1.53	25.41	14.51	47.82	15.6	306.69	35.95	3.33	55.31	
15/07/2024 23:25	19.45	6.35	124.77	15.25	16.4	1.57	25.65	14.51	47.82	15.6	306.69	35.68	3.42	55.8	
15/07/2024 23:30	19.45	6.35	124.77	15.25	16.2	1.49	25.75	14.51	47.82	15.6	306.69	35.24	3.24	56.02	
15/07/2024 23:35	19.45	6.35	124.77	15.25	16.45	1.5	24.48	14.51	47.82	15.6	306.69	35.81	3.26	53.29	
15/07/2024 23:40	19.45	6.35	124.77	15.25	16.47	1.49	24.82	14.52	47.82	15.6	306.69	35.86	3.23	54.04	
15/07/2024 23:45	19.45	6.35	124.77	15.25	16.44	1.54	25.05	14.52	47.82	15.6	306.69	35.8	3.36	54.54	
15/07/2024 23:50	19.45	6.35	124.77	15.25	16.36	1.49	25.27	14.52	47.82	15.6	306.69	35.64	3.25	55.03	
15/07/2024 23:55	19.45	6.35	124.77	15.25	16.49	1.52	25.19	14.52	47.82	15.6	306.69	35.9	3.31	54.86	
16/07/2024 00:00	19.45	6.35	124.77	15.25	16.43	1.48	24.83	14.51	47.82	15.6	306.69	35.76	3.23	54.05	
16/07/2024 00:05	19.45	6.35	124.77	15.25	16.42	1.55	25.16	14.51	47.82	15.6	306.69	35.75	3.38	54.77	
16/07/2024 00:10	19.45	6.35	124.77	15.25	16.44	1.57	25.61	14.52	47.82	15.6	306.69	35.8	3.42	55.75	
16/07/2024 00:15	19.45	6.35	124.77	15.25	16.49	1.49	25.29	14.52	47.82	15.6	306.69	35.93	3.25	55.1	
16/07/2024 00:20	19.45	6.35	124.77	15.25	16.43	1.5	25.15	14.52	47.82	15.6	306.69	35.79	3.27	54.79	
16/07/2024 00:25	19.45	6.35	124.77	15.25	16.49	1.55	25.3	14.52	47.82	15.6	306.69	35.92	3.37	55.1	
16/07/2024 00:30	19.45	6.35	124.77	15.25	16.55	1.58	25.03	14.52	47.82	15.6	306.69	36.05	3.43	54.51	
16/07/2024 00:35	19.45	6.35	124.77	15.25	16.47	1.56	25.01	14.52	47.82	15.6	306.69	35.87	3.39	54.48	
16/07/2024 00:40	19.45	6.35	124.77	15.25	16.59	1.59	25.08	14.52	47.82	15.6	306.69	36.14	3.46	54.64	
16/07/2024 00:45	19.45	6.35	124.77	15.25	16.57	1.55	25.17	14.52	47.82	15.6	306.69	36.12	3.37	54.85	
16/07/2024 00:50	19.45	6.35	124.77	15.25	16.49	1.62	25.25	14.52	47.82	15.6	306.69	35.94	3.52	55.04	
16/07/2024 00:55	19.45	6.35	124.77	15.25	16.38	1.57	25.91	14.52	47.82	15.6	306.69	35.7	3.41	56.46	
16/07/2024 01:00	19.45	6.35	124.77	15.25	16.42	1.64	25.94	14.52	47.82	15.6	306.69	35.77	3.57	56.52	
16/07/2024 01:05	19.45	6.35	124.77	15.25	16.32	1.66	26.25	14.52	47.82	15.6	306.69	35.55	3.62	57.2	
16/07/2024 01:10	19.45	6.35	124.77	15.25	16.43	1.55	25.16	14.52	47.82	15.6	306.69	35.83	3.37	54.86	
16/07/2024 01:15	19.45	6.35	124.77	15.25	16.51	1.6	25.1	14.52	47.82	15.6	306.69	35.99	3.5	54.73	
16/07/2024 01:20	19.45	6.35	124.77	15.25	16.44	1.63	25.36	14.52	47.82	15.6	306.69	35.82	3.55	55.28	
16/07/2024 01:25	19.45	6.35	124.77	15.25	16.43	1.63	25.69	14.52	47.82	15.6	306.69	35.8	3.54	55.98	
16/07/2024 01:30	19.45	6.35	124.77	15.25	16.41	1.62	25.78	14.52	47.82	15.6	306.69	35.76	3.52	56.17	
16/07/2024 01:35	19.45	6.35	124.77	15.25	16.41	1.67	25.78	14.52	47.82	15.6	306.69	35.75	3.65	55.18	
16/07/2024 01:40	19.45	6.35	124.77	15.25	16.36	1.61	25.6	14.52	47.82	15.6	306.69	35.67	3.51	56.8	
16/07/2024 01:45	19.45	6.35	124.77	15.25	16.47	1.67	25.55	14.53	47.82	15.6	306.69	35.92	3.64	55.72	
16/07/2024 01:50	19.45	6.35	124.77	15.25	16.41	1.66	26.04	14.53	47.82	15.6	306.69	35.79	3.62	56.79	
16/07/2024 01:55	19.45	6.35	124.77	15.25	16.37	1.69	25.94	14.53	47.82	15.6	306.69	35.71	3.68	56.6	
16/07/2024 02:00	19.45	6.35	124.77	15.25	16.38	1.68	25.71	14.53	47.82	15.6	306.69	35.74	3.66	56.08	
16/07/2024 02:05	19.45	6.35	124.77	15.25	16.4	1.68	25.52	14.53	47.82	15.6	306.69	35.77	3.66	55.67	
16/07/2024 02:10	19.45	6.35	124.77	15.25	16.34	1.67	25.83	14.53	47.82	15.6	306.69	35.65	3.64	56.36	
16/07/2024 02:15	19.45	6.35	124.77	15.25	16.36	1.71	25.85	14.53	47.82	15.6	306.69	35.7	3.74	56.41	
16/07/2024 02:20	19.45	6.35	124.77	15.25	16.28	1.69	25.96	14.53	47.82	15.6	306.69	35.52	3.68	56.65	
16/07/2024 02:25	19.45	6.35													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
16/07/2024 04:00	19.45	6.35	124.77	15.25	16.39	1.81	26.2	14.53	47.82	15.6	306.69	35.78	3.96	57.21	
16/07/2024 04:05	19.45	6.35	124.77	15.25	16.32	1.76	25.96	14.53	47.82	15.6	306.69	35.61	3.85	56.64	
16/07/2024 04:10	19.45	6.35	124.77	15.25	16.31	1.71	25.75	14.53	47.82	15.6	306.69	35.58	3.74	56.19	
16/07/2024 04:15	19.45	6.35	124.77	15.25	16.33	1.76	25.8	14.53	47.82	15.6	306.69	35.64	3.85	56.29	
16/07/2024 04:20	19.45	6.35	124.77	15.25	16.33	1.76	25.7	14.53	47.82	15.6	306.69	35.61	3.85	56.06	
16/07/2024 04:25	19.45	6.35	124.77	15.25	16.3	1.79	26	14.53	47.82	15.6	306.69	35.55	3.9	56.71	
16/07/2024 04:30	19.45	6.35	124.77	15.25	16.32	1.77	26.07	14.53	47.82	15.6	306.69	35.61	3.85	56.87	
16/07/2024 04:35	19.45	6.35	124.77	15.25	16.33	1.78	25.86	14.53	47.82	15.6	306.69	35.64	3.89	56.42	
16/07/2024 04:40	19.45	6.35	124.77	15.25	16.39	1.76	26.25	14.53	47.82	15.6	306.69	35.76	3.84	57.29	
16/07/2024 04:45	19.45	6.35	124.77	15.25	16.27	1.8	26.29	14.53	47.82	15.6	306.69	35.49	3.92	57.34	
16/07/2024 04:50	19.45	6.35	124.77	15.25	16.23	1.76	26.08	14.53	47.82	15.6	306.69	35.4	3.83	56.88	
16/07/2024 04:55	19.45	6.35	124.77	15.25	16.2	1.73	26.01	14.53	47.82	15.6	306.69	35.34	3.78	56.74	
16/07/2024 05:00	19.45	6.35	124.77	15.25	16.2	1.74	25.88	14.53	47.82	15.6	306.69	35.37	3.79	56.49	
16/07/2024 05:05	19.45	6.35	124.77	15.25	16.17	1.78	25.96	14.53	47.82	15.6	306.69	35.28	3.89	56.65	
16/07/2024 05:10	19.45	6.35	124.77	15.25	16.21	1.76	26.11	14.53	47.82	15.6	306.69	35.36	3.83	56.97	
16/07/2024 05:15	19.45	6.35	124.77	15.25	16.22	1.83	26.01	14.53	47.82	15.6	306.69	35.4	3.99	56.76	
16/07/2024 05:20	19.45	6.35	124.77	15.25	16.18	1.69	26.14	14.53	47.82	15.6	306.69	35.32	3.69	57.05	
16/07/2024 05:25	19.45	6.35	124.77	15.25	16.24	1.77	25.99	14.53	47.82	15.6	306.69	35.44	3.87	56.72	
16/07/2024 05:30	19.45	6.35	124.77	15.25	16.3	1.75	25.78	14.53	47.82	15.6	306.69	35.56	3.82	56.24	
16/07/2024 05:35	19.45	6.35	124.77	15.25	16.39	1.76	25.48	14.53	47.82	15.6	306.69	35.75	3.85	55.56	
16/07/2024 05:40	19.45	6.35	124.77	15.25	16.35	1.7	25.14	14.53	47.82	15.6	306.69	35.64	3.71	54.81	
16/07/2024 05:45	19.45	6.35	124.77	15.25	16.32	1.68	24.69	14.53	47.82	15.6	306.69	35.61	3.67	53.86	
16/07/2024 05:50	19.45	6.35	124.77	15.25	16.36	1.66	24.42	14.53	47.82	15.6	306.69	35.69	3.62	53.29	
16/07/2024 05:55	19.45	6.35	124.77	15.25	16.32	1.7	24.36	14.53	47.82	15.6	306.69	35.6	3.7	53.15	
16/07/2024 06:00	19.45	6.35	124.77	15.25	16.29	1.63	24.56	14.53	47.82	15.6	306.69	35.52	3.55	53.56	
16/07/2024 06:05	19.45	6.35	124.77	15.25	16.4	1.67	24.32	14.53	47.82	15.6	306.69	35.78	3.65	53.05	
16/07/2024 06:10	19.45	6.35	124.77	15.25	16.3	1.66	24.32	14.53	47.82	15.6	306.69	35.56	3.62	53.06	
16/07/2024 06:15	19.45	6.35	124.77	15.25	16.31	1.64	24.03	14.53	47.82	15.6	306.69	35.58	3.58	52.42	
16/07/2024 06:20	19.45	6.35	124.77	15.25	16.38	1.63	23.98	14.53	47.82	15.6	306.69	35.73	3.55	52.32	
16/07/2024 06:25	19.45	6.35	124.77	15.25	16.41	1.61	23.87	14.52	47.82	15.6	306.69	35.78	3.51	52.04	
16/07/2024 06:30	19.45	6.35	124.77	15.25	16.45	1.7	24.24	14.53	47.82	15.6	306.69	35.87	3.71	52.87	
16/07/2024 06:35	19.45	6.35	124.77	15.25	16.3	1.56	24.18	14.52	47.82	15.6	306.69	35.52	3.41	52.69	
16/07/2024 06:40	19.45	6.35	124.77	15.25	16.29	1.66	24.44	14.52	47.82	15.6	306.69	35.51	3.61	53.26	
16/07/2024 06:45	19.45	6.35	124.77	15.25	16.32	1.62	24.13	14.52	47.82	15.6	306.69	35.57	3.53	52.61	
16/07/2024 06:50	19.45	6.35	124.77	15.25	16.32	1.64	24.22	14.53	47.82	15.6	306.69	35.58	3.59	52.82	
16/07/2024 06:55	19.45	6.35	124.77	15.25	16.4	1.63	24.44	14.53	47.82	15.6	306.69	35.79	3.55	53.31	
16/07/2024 07:00	19.45	6.35	124.77	15.25	16.39	1.63	24.79	14.53	47.82	15.6	306.69	35.76	3.56	54.09	
16/07/2024 07:05	19.45	6.35	124.77	15.25	16.38	1.64	24.86	14.53	47.82	15.6	306.69	35.75	3.57	54.24	
16/07/2024 07:10	19.45	6.35	124.77	15.25	16.24	1.57	25.08	14.53	47.82	15.6	306.69	35.43	3.42	54.7	
16/07/2024 07:15	19.45	6.35	124.77	15.25	16.33	1.64	25.34	14.53	47.82	15.6	306.69	35.61	3.58	55.28	
16/07/2024 07:20	19.45	6.35	124.77	15.25	16.3	1.55	25.18	14.52	47.82	15.6	306.69	35.54	3.38	54.89	
16/07/2024 07:25	19.45	6.35	124.77	15.25	16.28	1.54	25.05	14.52	47.82	15.6	306.69	35.47	3.35	54.59	
16/07/2024 07:30	19.45	6.35	124.77	15.25	16.35	1.6	25.23	14.52	47.82	15.6	306.69	35.63	3.48	54.99	
16/07/2024 07:35	19.45	6.35	124.77	15.25	16.27	1.59	25.44	14.52	47.82	15.6	306.69	35.44	3.46	55.42	
16/07/2024 07:40	19.45	6.35	124.77	15.25	16.43	1.57	25.28	14.52	47.82	15.6	306.69	35.82	3.42	55.12	
16/07/2024 07:45	19.45	6.35	124.77	15.25	16.39	1.58	25.35	14.52	47.82	15.6	306.69	35.71	3.45	55.25	
16/07/2024 07:50	19.45	6.35	124.77	15.25	16.53	1.65	25.11	14.52	47.82	15.6	306.69	36.04	3.59	54.73	
16/07/2024 07:55	19.45	6.35	124.77	15.25	16.37	1.46	25.1	14.52	47.82	15.6	306.69	35.67	3.19	54.69	
16/07/2024 08:00	19.45	6.35	124.77	15.25	16.49	1.55	25.32	14.52	47.82	15.6	306.69	35.93	3.38	55.16	
16/07/2024 08:05	19.45	6.35	124.77	15.25	16.49	1.57	25.12	14.52	47.82	15.6	306.69	35.93	3.43	54.74	
16/07/2024 08:10	19.45	6.35	124.77	15.25	16.6	1.51	24.91	14.52	47.82	15.6	306.69	36.16	3.29	54.26	
16/07/2024 08:15	19.45	6.35	124.77	15.25	16.41	1.5	25.06	14.52	47.82	15.6	306.69	35.74	3.26	54.56	
16/07/2024 08:20	19.45	6.35	124.77	15.25	16.55	1.48	25	14.52	47.82	15.6	306.69	36.05	3.23	54.45	
16/07/2024 08:25	19.45	6.35	124.77	15.25	16.51	1.49	25.25	14.52	47.82	15.6	306.69	35.95	3.24	54.97	
16/07/2024 08:30	19.45	6.35	124.77	15.25	16.57	1.49	25.01	14.51	47.82	15.6	306.69	36.03	3.24	54.38	
16/07/2024 08:35	19.45	6.35	124.77	15.25	16.41	1.44	24.99	14.51	47.82	15.6	306.69	35.69	3.14	54.34	
16/07/2024 08:40	19.45	6.35	124.77	15.25	16.46	1.31	24.57	14.51	47.82	15.6	306.69	35.77	2.85	53.41	
16/07/2024 08:45	19.45	6.35	124.77	15.25	16.59	1.45	24.83	14.51	47.82	15.6	306.69	36.09	3.16	54.02	
16/07/2024 08:50	19.45	6.35	124.77	15.25	16.57	1.37	24.81	14.51	47.82	15.6	306.69	36.05	2.98	53.96	
16/07/2024 08:55	19.45	6.35	124.77	15.25	16.77	1.51	24.67	14.51	47.82	15.6	306.69	36.48	3.28	53.67	
16/07/2024 09:00	19.45	6.35	124.77	15.25	16.56	1.34	24.96	14.51	47.82	15.6	306.69	36.01	2.92	54.27	
16/07/2024 09:05	19.45	6.35	124.77	15.25	16.72	1.51	24.3	14.51	47.82	15.6	306.69	36.35	3.28	52.84	
16/07/2024 09:10	19.45	6.35	124.77	15.25	16.53	1.28	24.36	14.51	47.82	15.6	306.69	35.95	2.78	52.97	
16/07/2024 09:15	19.45	6.35	124.77	15.25	16.56	1.36	24.67	14.51	47.82	15.6	306.69	36.03	2.96	53.67	
16/07/2024 09:20	19.45	6.35	124.77	15.25	16.64	1.4	24.45	14.51	47.82	15.6	306.69	36.21	3.04	53.19	
16/07/2024 09:25	19.45	6.35	124.77	15.25	16.74	1.33	24.05	14.51	47.82	15.6	306.69	36.39	2.89	52.29	
16/07/2024 09:30	19.45	6.35	124.77	15.25	16.7	1.35	24.28	14.51	47.82	15.6	306.69	36.3	2.94	52.79	
16/07/2024 09:35	19.45	6.35	124.77	15.25	16.61	1.28	24.74	14.51	47.82	15.6	306.69	36.11	2.78	53.8	
16/07/2024 09:40	19.45	6.35	124.77	15.25	16.66	1.32	24.89	14.5	47.82	15.6	306.69	36.21	2.87	54.08	
16/07/2024 09:45	19.45	6.35	124.77	15.25	16.66	1.27	24.63	14.5	47.82	15.6	306.69	36.18	2.77	53.49	
16/07/2024 09:50	19.45	6.35	124.77	15.25	16.55	1.23	24.73	14.5	47.82	15.6	306.69	35.94	2.68	53.69	
16/07/2024 09:55	19.45	6.35	124.77	15.25	16.62	1.25	25.6	14.5	47.82	15.6	306.69	36.09	2.71	55.58	
16/07/2024 10:00	19.45	6.35	124.77	15.											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
16/07/2024 11:35	19.45	6.35	124.77	15.25	16.61	0.93	25.29	14.46	47.82	15.6	306.69	35.87	2.02	54.61	
16/07/2024 11:40	19.45	6.35	124.77	15.25	16.57	0.91	24.99	14.46	47.82	15.6	306.69	35.79	1.96	53.97	
16/07/2024 11:45	19.45	6.35	124.77	15.25	16.63	0.99	25.35	14.46	47.82	15.6	306.69	35.89	2.14	54.71	
16/07/2024 11:50	19.45	6.35	124.77	15.25	16.53	0.87	25.42	14.46	47.82	15.6	306.69	35.67	1.87	54.88	
16/07/2024 11:55	19.45	6.35	124.77	15.25	16.73	1.07	25.22	14.46	47.82	15.6	306.69	36.11	2.31	54.43	
16/07/2024 12:00	19.45	6.35	124.77	15.25	16.43	0.79	25.27	14.46	47.82	15.6	306.69	35.44	1.7	54.52	
16/07/2024 12:05	19.45	6.35	124.77	15.25	16.53	0.89	25.32	14.45	47.82	15.6	306.69	35.64	1.91	54.61	
16/07/2024 12:10	19.45	6.35	124.77	15.25	16.58	0.98	25.05	14.46	47.82	15.6	306.69	35.77	2.12	54.04	
16/07/2024 12:15	19.45	6.35	124.77	15.25	16.53	0.86	25.14	14.45	47.82	15.6	306.69	35.65	1.86	54.21	
16/07/2024 12:20	19.45	6.35	124.77	15.25	16.58	0.95	25.46	14.45	47.82	15.6	306.69	35.76	2.05	54.9	
16/07/2024 12:25	19.45	6.35	124.77	15.25	16.52	0.86	25.32	14.46	47.82	15.6	306.69	35.63	1.85	54.61	
16/07/2024 12:30	19.45	6.35	124.77	15.25	16.46	0.9	25.27	14.45	47.82	15.6	306.69	35.49	1.93	54.5	
16/07/2024 12:35	19.45	6.35	124.77	15.25	16.63	0.9	24.94	14.46	47.82	15.6	306.69	35.87	1.95	53.8	
16/07/2024 12:40	19.45	6.35	124.77	15.25	16.63	0.95	25.13	14.46	47.82	15.6	306.69	35.86	2.06	54.22	
16/07/2024 12:45	19.45	6.35	124.77	15.25	16.62	0.93	24.89	14.45	47.82	15.6	306.69	35.85	2	53.66	
16/07/2024 12:50	19.45	6.35	124.77	15.25	16.77	0.94	24.88	14.45	47.82	15.6	306.69	36.16	2.03	53.63	
16/07/2024 12:55	19.45	6.35	124.77	15.25	16.49	0.67	24.78	14.45	47.82	15.6	306.69	35.53	1.45	53.39	
16/07/2024 13:00	19.45	6.35	124.77	15.25	16.58	0.78	24.2	14.44	47.82	15.6	306.69	35.7	1.67	52.1	
16/07/2024 13:05	19.45	6.35	124.77	15.25	16.57	0.73	24.66	14.44	47.82	15.6	306.69	35.66	1.57	52.87	
16/07/2024 13:10	19.45	6.35	124.77	15.25	16.74	0.79	24.24	14.44	47.82	15.6	306.69	36.01	1.7	52.14	
16/07/2024 13:15	19.45	6.35	124.77	15.25	16.57	0.76	24.34	14.44	47.82	15.6	306.69	35.63	1.63	52.35	
16/07/2024 13:20	19.45	6.35	124.77	15.25	16.46	0.66	23.99	14.43	47.82	15.6	306.69	35.4	1.43	51.57	
16/07/2024 13:25	19.45	6.35	124.77	15.25	16.38	0.63	23.97	14.43	47.82	15.6	306.69	35.18	1.36	51.48	
16/07/2024 13:30	19.45	6.35	124.77	15.25	16.49	0.76	24.38	14.43	47.82	15.6	306.69	35.44	1.63	52.39	
16/07/2024 13:35	19.45	6.35	124.77	15.25	16.33	0.66	24.19	14.43	47.82	15.6	306.69	35.08	1.42	51.95	
16/07/2024 13:40	19.45	6.35	124.77	15.25	16.37	0.73	24.55	14.43	47.82	15.6	306.69	35.18	1.56	52.75	
16/07/2024 13:45	19.45	6.35	124.77	15.25	16.2	0.63	24.7	14.43	47.82	15.6	306.69	34.8	1.35	53.05	
16/07/2024 13:50	19.45	6.35	124.77	15.25	16.39	0.87	25.22	14.43	47.82	15.6	306.69	35.21	1.87	54.19	
16/07/2024 13:55	19.45	6.35	124.77	15.25	16.25	0.69	25.06	14.43	47.82	15.6	306.69	34.91	1.48	53.85	
16/07/2024 14:00	19.45	6.35	124.77	15.25	16.27	0.61	24.64	14.43	47.82	15.6	306.69	34.94	1.32	52.92	
16/07/2024 14:05	19.45	6.35	124.77	15.25	16.49	0.81	25.14	14.43	47.82	15.6	306.69	35.44	1.73	54.01	
16/07/2024 14:10	19.45	6.35	124.77	15.25	16.17	0.71	25.54	14.43	47.82	15.6	306.69	34.72	1.52	54.85	
16/07/2024 14:15	19.45	6.35	124.77	15.25	16.41	0.77	25.42	14.43	47.82	15.6	306.69	35.25	1.65	54.61	
16/07/2024 14:20	19.45	6.35	124.77	15.25	16.07	0.6	25.01	14.43	47.82	15.6	306.69	34.5	1.29	53.71	
16/07/2024 14:25	19.45	6.35	124.77	15.25	16.53	0.96	24.75	14.43	47.82	15.6	306.69	35.52	2.07	53.17	
16/07/2024 14:30	19.45	6.35	124.77	15.25	16.36	0.77	25.07	14.43	47.82	15.6	306.69	35.14	1.66	53.86	
16/07/2024 14:35	19.45	6.35	124.77	15.25	16.15	0.78	25.36	14.43	47.82	15.6	306.69	34.7	1.67	54.51	
16/07/2024 14:40	19.45	6.35	124.77	15.25	16.27	0.82	25.23	14.43	47.82	15.6	306.69	34.97	1.77	54.23	
16/07/2024 14:45	19.45	6.35	124.77	15.25	16.33	0.95	25.29	14.44	47.82	15.6	306.69	35.13	2.04	54.42	
16/07/2024 14:50	19.45	6.35	124.77	15.25	16.16	0.74	25.42	14.44	47.82	15.6	306.69	34.78	1.6	54.7	
16/07/2024 14:55	19.45	6.35	124.77	15.25	16.12	0.84	25.4	14.44	47.82	15.6	306.69	34.7	1.81	54.67	
16/07/2024 15:00	19.45	6.35	124.77	15.25	16.31	0.85	25.38	14.44	47.82	15.6	306.69	35.11	1.84	54.64	
16/07/2024 15:05	19.45	6.35	124.77	15.25	16.26	0.81	25.37	14.44	47.82	15.6	306.69	34.98	1.74	54.59	
16/07/2024 15:10	19.45	6.35	124.77	15.25	16.39	1	25.32	14.44	47.82	15.6	306.69	35.27	2.15	54.49	
16/07/2024 15:15	19.45	6.35	124.77	15.25	16.25	0.86	24.99	14.44	47.82	15.6	306.69	34.96	1.85	53.76	
16/07/2024 15:20	19.45	6.35	124.77	15.25	16.19	0.71	24.88	14.44	47.82	15.6	306.69	34.84	1.52	53.53	
16/07/2024 15:25	19.45	6.35	124.77	15.25	16.7	1.07	24.74	14.45	47.82	15.6	306.69	35.97	2.31	53.27	
16/07/2024 15:30	19.45	6.35	124.77	15.25	16.38	0.83	25.14	14.44	47.82	15.6	306.69	35.26	1.79	54.12	
16/07/2024 15:35	19.45	6.35	124.77	15.25	16.4	0.98	25.52	14.45	47.82	15.6	306.69	35.32	2.1	54.95	
16/07/2024 15:40	19.45	6.35	124.77	15.25	16.42	0.86	25.13	14.44	47.82	15.6	306.69	35.36	1.85	54.1	
16/07/2024 15:45	19.45	6.35	124.77	15.25	16.62	1.11	24.24	14.45	47.82	15.6	306.69	35.82	2.38	52.24	
16/07/2024 15:50	19.45	6.35	124.77	15.25	16.7	1.17	23.83	14.45	47.82	15.6	306.69	36.01	2.52	51.39	
16/07/2024 15:55	19.45	6.35	124.77	15.25	16.6	1.35	25.44	14.46	47.82	15.6	306.69	35.82	2.92	54.9	
16/07/2024 16:00	19.45	6.35	124.77	15.25	16.48	1.34	25.55	14.46	47.82	15.6	306.69	35.57	2.89	55.17	
16/07/2024 16:05	19.45	6.35	124.77	15.25	16.46	1.44	25.99	14.47	47.82	15.6	306.69	35.56	3.12	56.14	
16/07/2024 16:10	19.45	6.35	124.77	15.25	16.25	1.44	26.05	14.47	47.82	15.6	306.69	35.11	3.11	56.27	
16/07/2024 16:15	19.45	6.35	124.77	15.25	16.39	1.48	25.57	14.47	47.82	15.6	306.69	35.43	3.21	55.28	
16/07/2024 16:20	19.45	6.35	124.77	15.25	16.56	1.4	25.25	14.47	47.82	15.6	306.69	35.82	3.04	54.62	
16/07/2024 16:25	19.45	6.35	124.77	15.25	16.39	1.52	26.1	14.48	47.82	15.6	306.69	35.47	3.29	56.48	
16/07/2024 16:30	19.45	6.35	124.77	15.25	16.37	1.57	27.35	14.48	47.82	15.6	306.69	35.47	3.39	59.25	
16/07/2024 16:35	19.45	6.35	124.77	15.25	16.34	1.6	26.84	14.49	47.82	15.6	306.69	35.4	3.47	58.17	
16/07/2024 16:40	19.45	6.35	124.77	15.25	16.41	1.52	25.73	14.49	47.82	15.6	306.69	35.57	3.29	55.78	
16/07/2024 16:45	19.45	6.35	124.77	15.25	16.59	1.48	24.54	14.49	47.82	15.6	306.69	36	3.2	53.26	
16/07/2024 16:50	19.45	6.35	124.77	15.25	16.76	1.37	23.29	14.5	47.82	15.6	306.69	36.38	2.98	50.54	
16/07/2024 16:55	19.45	6.35	124.77	15.25	16.5	1.4	22.7	14.5	47.82	15.6	306.69	35.83	3.05	49.29	
16/07/2024 17:00	19.45	6.35	124.77	15.25	16.33	1.35	22.11	14.5	47.82	15.6	306.69	35.46	2.92	48	
16/07/2024 17:05	19.45	6.35	124.77	15.25	16.23	1.31	20.06	14.5	47.82	15.6	306.69	35.23	2.84	43.53	
16/07/2024 17:10	19.45	6.35	124.77	15.25	16.27	1.18	17.11	14.49	47.82	15.6	306.69	35.29	2.56	37.11	
16/07/2024 17:15	19.45	6.35	124.77	15.25	16.58	1.12	15.6	14.49	47.82	15.6	306.69	35.95	2.42	33.83	
16/07/2024 17:20	19.45	6.35	124.77	15.25	16.92	1.06	13.48	14.49	47.82	15.6	306.69	36.71	2.3	29.24	
16/07/2024 17:25	19.45	6.35	124.77	15.25	17.62	0.96	13.08	14.5	47.82	15.6	306.69	38.25	2.09	28.39	
16/07/2024 17:30	19.45	6.35	124.77	15.25	16.81	1.13	18.74	14.48	47.82	15.6	306.69	36.42	2.44	40.59	
16/07/2024 17:35	19.45	6.35	124.77</												



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
16/07/2024 19:10	19.45	6.35	124.77	15.25	16.92	1.26	19.68	14.5	47.82	15.6	306.69	36.72	2.74	42.72	
16/07/2024 19:15	19.45	6.35	124.77	15.25	16.89	1.24	20.06	14.5	47.82	15.6	306.69	36.67	2.7	43.55	
16/07/2024 19:20	19.45	6.35	124.77	15.25	16.99	1.29	20.35	14.5	47.82	15.6	306.69	36.88	2.81	44.17	
16/07/2024 19:25	19.45	6.35	124.77	15.25	16.82	1.18	20.7	14.49	47.82	15.6	306.69	36.5	2.56	44.91	
16/07/2024 19:30	19.45	6.35	124.77	15.25	16.95	1.35	21.07	14.5	47.82	15.6	306.69	36.81	2.93	45.73	
16/07/2024 19:35	19.45	6.35	124.77	15.25	16.79	1.18	20.64	14.5	47.82	15.6	306.69	36.44	2.56	44.8	
16/07/2024 19:40	19.45	6.35	124.77	15.25	16.8	1.16	20.25	14.5	47.82	15.6	306.69	36.47	2.51	43.97	
16/07/2024 19:45	19.45	6.35	124.77	15.25	16.87	1.32	20.45	14.5	47.82	15.6	306.69	36.62	2.87	44.38	
16/07/2024 19:50	19.45	6.35	124.77	15.25	16.99	1.27	20.45	14.5	47.82	15.6	306.69	36.9	2.75	44.4	
16/07/2024 19:55	19.45	6.35	124.77	15.25	16.9	1.31	20.42	14.5	47.82	15.6	306.69	36.69	2.84	44.33	
16/07/2024 20:00	19.45	6.35	124.77	15.25	16.88	1.22	20.19	14.5	47.82	15.6	306.69	36.65	2.65	43.84	
16/07/2024 20:05	19.45	6.35	124.77	15.25	16.89	1.25	19.94	14.5	47.82	15.6	306.69	36.68	2.72	43.28	
16/07/2024 20:10	19.45	6.35	124.77	15.25	16.94	1.23	20.01	14.5	47.82	15.6	306.69	36.78	2.67	43.45	
16/07/2024 20:15	19.45	6.35	124.77	15.25	17.02	1.36	20.12	14.5	47.82	15.6	306.69	36.97	2.95	43.71	
16/07/2024 20:20	19.45	6.35	124.77	15.25	16.8	1.13	19.7	14.5	47.82	15.6	306.69	36.49	2.46	42.8	
16/07/2024 20:25	19.45	6.35	124.77	15.25	16.97	1.37	19.77	14.51	47.82	15.6	306.69	36.89	2.98	42.99	
16/07/2024 20:30	19.45	6.35	124.77	15.25	16.94	1.23	20	14.5	47.82	15.6	306.69	36.81	2.67	43.47	
16/07/2024 20:35	19.45	6.35	124.77	15.25	16.84	1.21	20.19	14.5	47.82	15.6	306.69	36.59	2.63	43.86	
16/07/2024 20:40	19.45	6.35	124.77	15.25	16.91	1.3	20.15	14.5	47.82	15.6	306.69	36.72	2.83	43.77	
16/07/2024 20:45	19.45	6.35	124.77	15.25	16.92	1.27	20.22	14.5	47.82	15.6	306.69	36.76	2.75	43.93	
16/07/2024 20:50	19.45	6.35	124.77	15.25	16.91	1.34	20.31	14.5	47.82	15.6	306.69	36.76	2.91	44.14	
16/07/2024 20:55	19.45	6.35	124.77	15.25	16.96	1.31	20.41	14.5	47.82	15.6	306.69	36.85	2.84	44.36	
16/07/2024 21:00	19.45	6.35	124.77	15.25	16.95	1.34	20.17	14.5	47.82	15.6	306.69	36.84	2.9	43.82	
16/07/2024 21:05	19.45	6.35	124.77	15.25	16.83	1.26	19.98	14.5	47.82	15.6	306.69	36.57	2.74	43.42	
16/07/2024 21:10	19.45	6.35	124.77	15.25	16.95	1.37	20.09	14.5	47.82	15.6	306.69	36.83	2.98	43.65	
16/07/2024 21:15	19.45	6.35	124.77	15.25	16.85	1.31	20.18	14.5	47.82	15.6	306.69	36.62	2.84	43.86	
16/07/2024 21:20	19.45	6.35	124.77	15.25	16.87	1.29	20.43	14.5	47.82	15.6	306.69	36.67	2.81	44.4	
16/07/2024 21:25	19.45	6.35	124.77	15.25	16.66	1.12	20.15	14.5	47.82	15.6	306.69	36.18	2.44	43.77	
16/07/2024 21:30	19.45	6.35	124.77	15.25	17.03	1.35	20.31	14.5	47.82	15.6	306.69	36.99	2.93	44.13	
16/07/2024 21:35	19.45	6.35	124.77	15.25	16.97	1.37	20.52	14.5	47.82	15.6	306.69	36.87	2.98	44.58	
16/07/2024 21:40	19.45	6.35	124.77	15.25	16.97	1.39	20.2	14.51	47.82	15.6	306.69	36.88	3.02	43.91	
16/07/2024 21:45	19.45	6.35	124.77	15.25	16.95	1.39	20.14	14.51	47.82	15.6	306.69	36.83	3.03	43.78	
16/07/2024 21:50	19.45	6.35	124.77	15.25	16.88	1.3	20.11	14.51	47.82	15.6	306.69	36.69	2.82	43.71	
16/07/2024 21:55	19.45	6.35	124.77	15.25	16.93	1.34	20.21	14.51	47.82	15.6	306.69	36.81	2.92	43.95	
16/07/2024 22:00	19.45	6.35	124.77	15.25	17.05	1.33	19.93	14.51	47.82	15.6	306.69	37.07	2.88	43.33	
16/07/2024 22:05	19.45	6.35	124.77	15.25	16.9	1.29	19.63	14.5	47.82	15.6	306.69	36.71	2.79	42.63	
16/07/2024 22:10	19.45	6.35	124.77	15.25	16.94	1.28	19.63	14.5	47.82	15.6	306.69	36.79	2.77	42.63	
16/07/2024 22:15	19.45	6.35	124.77	15.25	16.89	1.29	19.66	14.5	47.82	15.6	306.69	36.68	2.8	42.71	
16/07/2024 22:20	19.45	6.35	124.77	15.25	16.89	1.25	19.61	14.5	47.82	15.6	306.69	36.7	2.71	42.59	
16/07/2024 22:25	19.45	6.35	124.77	15.25	16.97	1.35	19.82	14.5	47.82	15.6	306.69	36.87	2.93	43.06	
16/07/2024 22:30	19.45	6.35	124.77	15.25	17	1.29	19.36	14.5	47.82	15.6	306.69	36.93	2.79	42.07	
16/07/2024 22:35	19.45	6.35	124.77	15.25	16.86	1.3	19.52	14.51	47.82	15.6	306.69	36.65	2.82	42.43	
16/07/2024 22:40	19.45	6.35	124.77	15.25	16.93	1.3	19.53	14.51	47.82	15.6	306.69	36.81	2.83	42.46	
16/07/2024 22:45	19.45	6.35	124.77	15.25	16.86	1.3	19.12	14.5	47.82	15.6	306.69	36.64	2.83	41.54	
16/07/2024 22:50	19.45	6.35	124.77	15.25	16.78	1.24	19.34	14.51	47.82	15.6	306.69	36.46	2.7	42.04	
16/07/2024 22:55	19.45	6.35	124.77	15.25	16.68	1.27	19.82	14.51	47.82	15.6	306.69	36.27	2.75	43.08	
16/07/2024 23:00	19.45	6.35	124.77	15.25	16.79	1.32	19.72	14.5	47.82	15.6	306.69	36.5	2.87	42.85	
16/07/2024 23:05	19.45	6.35	124.77	15.25	16.81	1.31	20.05	14.5	47.82	15.6	306.69	36.51	2.84	43.56	
16/07/2024 23:10	19.45	6.35	124.77	15.25	16.89	1.44	20.73	14.5	47.82	15.6	306.69	36.7	3.13	45.06	
16/07/2024 23:15	19.45	6.35	124.77	15.25	16.69	1.31	20.58	14.5	47.82	15.6	306.69	36.27	2.85	44.71	
16/07/2024 23:20	19.45	6.35	124.77	15.25	16.68	1.41	21.1	14.5	47.82	15.6	306.69	36.25	3.07	45.84	
16/07/2024 23:25	19.45	6.35	124.77	15.25	16.73	1.41	21.36	14.5	47.82	15.6	306.69	36.36	3.07	46.4	
16/07/2024 23:30	19.45	6.35	124.77	15.25	16.74	1.46	21.34	14.51	47.82	15.6	306.69	36.4	3.17	46.39	
16/07/2024 23:35	19.45	6.35	124.77	15.25	16.66	1.44	21.39	14.5	47.82	15.6	306.69	36.21	3.13	46.48	
16/07/2024 23:40	19.45	6.35	124.77	15.25	16.65	1.48	21.63	14.51	47.82	15.6	306.69	36.2	3.22	47.03	
16/07/2024 23:45	19.45	6.35	124.77	15.25	16.58	1.4	21.54	14.51	47.82	15.6	306.69	36.05	3.05	46.83	
16/07/2024 23:50	19.45	6.35	124.77	15.25	16.57	1.43	21.88	14.51	47.82	15.6	306.69	36.01	3.1	47.57	
16/07/2024 23:55	19.45	6.35	124.77	15.25	16.35	1.48	23.03	14.5	47.82	15.6	306.69	35.54	3.21	50.05	
17/07/2024 00:00	19.45	6.35	124.77	15.25	16.34	1.53	22.76	14.5	47.82	15.6	306.69	35.48	3.32	49.42	
17/07/2024 00:05	19.45	6.35	124.77	15.25	16.32	1.51	22.92	14.5	47.82	15.6	306.69	35.45	3.27	49.78	
17/07/2024 00:10	19.45	6.35	124.77	15.25	16.19	1.48	22.82	14.5	47.82	15.6	306.69	35.18	3.21	49.59	
17/07/2024 00:15	19.45	6.35	124.77	15.25	16.26	1.49	23.4	14.5	47.82	15.6	306.69	35.33	3.24	50.85	
17/07/2024 00:20	19.45	6.35	124.77	15.25	16.37	1.56	23.4	14.5	47.82	15.6	306.69	35.57	3.38	50.84	
17/07/2024 00:25	19.45	6.35	124.77	15.25	16.32	1.5	23.77	14.5	47.82	15.6	306.69	35.45	3.27	51.64	
17/07/2024 00:30	19.45	6.35	124.77	15.25	16.3	1.55	23.42	14.5	47.82	15.6	306.69	35.42	3.36	50.9	
17/07/2024 00:35	19.45	6.35	124.77	15.25	16.34	1.56	23.4	14.5	47.82	15.6	306.69	35.51	3.39	50.83	
17/07/2024 00:40	19.45	6.35	124.77	15.25	16.36	1.51	23.41	14.5	47.82	15.6	306.69	35.56	3.28	50.85	
17/07/2024 00:45	19.45	6.35	124.77	15.25	16.37	1.59	23.7	14.5	47.82	15.6	306.69	35.56	3.46	51.49	
17/07/2024 00:50	19.45	6.35	124.77	15.25	16.17	1.48	23.86	14.5	47.82	15.6	306.69	35.14	3.22	51.84	
17/07/2024 00:55	19.45	6.35	124.77	15.25	16.29	1.49	23.54	14.5	47.82	15.6	306.69	35.39	3.24	51.16	
17/07/2024 01:00	19.45	6.35	124.77	15.25	16.23	1.52	23.42	14.51	47.82	15.6	306.69	35.29	3.29	50.9	
17/07/2024 01:05	19.45	6.35	124.77	15.25	16.22	1.51	23.23	14.5	47.82	15.6	306.69	35.24	3.28	50.48	
17/07/2024 01:10	19.45	6.35	124.77	15.25	16.24	1.55	23.49	14.							



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/07/2024 02:45	19.45	6.35	124.77	15.25	16.51	1.5	23.28	14.5	47.82	15.6	306.69	35.84	3.25	50.55	
17/07/2024 02:50	19.45	6.35	124.77	15.25	16.55	1.55	23.16	14.5	47.82	15.6	306.69	35.93	3.36	50.28	
17/07/2024 02:55	19.45	6.35	124.77	15.25	16.62	1.51	23.16	14.5	47.82	15.6	306.69	36.08	3.28	50.27	
17/07/2024 03:00	19.45	6.35	124.77	15.25	16.47	1.52	22.84	14.5	47.82	15.6	306.69	35.75	3.3	49.58	
17/07/2024 03:05	19.45	6.35	124.77	15.25	16.59	1.48	22.04	14.5	47.82	15.6	306.69	36.02	3.21	47.84	
17/07/2024 03:10	19.45	6.35	124.77	15.25	16.58	1.48	21.53	14.5	47.82	15.6	306.69	35.99	3.21	46.75	
17/07/2024 03:15	19.45	6.35	124.77	15.25	16.52	1.37	21.37	14.5	47.82	15.6	306.69	35.86	2.98	46.39	
17/07/2024 03:20	19.45	6.35	124.77	15.25	16.69	1.47	21.18	14.5	47.82	15.6	306.69	36.24	3.18	45.99	
17/07/2024 03:25	19.45	6.35	124.77	15.25	16.67	1.45	20.94	14.5	47.82	15.6	306.69	36.2	3.15	45.46	
17/07/2024 03:30	19.45	6.35	124.77	15.25	16.67	1.45	20.86	14.5	47.82	15.6	306.69	36.19	3.14	45.28	
17/07/2024 03:35	19.45	6.35	124.77	15.25	16.73	1.49	20.75	14.5	47.82	15.6	306.69	36.33	3.24	45.04	
17/07/2024 03:40	19.45	6.35	124.77	15.25	16.67	1.45	20.74	14.5	47.82	15.6	306.69	36.2	3.14	45.04	
17/07/2024 03:45	19.45	6.35	124.77	15.25	16.66	1.5	21.18	14.5	47.82	15.6	306.69	36.2	3.26	46.02	
17/07/2024 03:50	19.45	6.35	124.77	15.25	16.59	1.38	20.83	14.5	47.82	15.6	306.69	36.04	3	45.25	
17/07/2024 03:55	19.45	6.35	124.77	15.25	16.67	1.5	21.23	14.5	47.82	15.6	306.69	36.21	3.26	46.13	
17/07/2024 04:00	19.45	6.35	124.77	15.25	16.7	1.5	21.52	14.5	47.82	15.6	306.69	36.28	3.26	46.74	
17/07/2024 04:05	19.45	6.35	124.77	15.25	16.73	1.55	21.78	14.5	47.82	15.6	306.69	36.33	3.37	47.3	
17/07/2024 04:10	19.45	6.35	124.77	15.25	16.57	1.42	21.99	14.5	47.82	15.6	306.69	35.98	3.07	47.74	
17/07/2024 04:15	19.45	6.35	124.77	15.25	16.68	1.51	21.9	14.5	47.82	15.6	306.69	36.23	3.27	47.56	
17/07/2024 04:20	19.45	6.35	124.77	15.25	16.71	1.5	21.9	14.5	47.82	15.6	306.69	36.3	3.25	47.56	
17/07/2024 04:25	19.45	6.35	124.77	15.25	16.71	1.62	21.88	14.5	47.82	15.6	306.69	36.3	3.51	47.53	
17/07/2024 04:30	19.45	6.35	124.77	15.25	16.61	1.46	22.21	14.5	47.82	15.6	306.69	36.11	3.18	48.26	
17/07/2024 04:35	19.45	6.35	124.77	15.25	16.57	1.56	21.87	14.5	47.82	15.6	306.69	36.01	3.38	47.52	
17/07/2024 04:40	19.45	6.35	124.77	15.25	16.69	1.55	21.73	14.51	47.82	15.6	306.69	36.27	3.37	47.22	
17/07/2024 04:45	19.45	6.35	124.77	15.25	16.79	1.53	21.83	14.5	47.82	15.6	306.69	36.48	3.34	47.44	
17/07/2024 04:50	19.45	6.35	124.77	15.25	16.67	1.48	21.9	14.5	47.82	15.6	306.69	36.2	3.22	47.56	
17/07/2024 04:55	19.45	6.35	124.77	15.25	16.73	1.51	21.9	14.5	47.82	15.6	306.69	36.33	3.29	47.57	
17/07/2024 05:00	19.45	6.35	124.77	15.25	16.66	1.48	21.74	14.5	47.82	15.6	306.69	36.2	3.22	47.22	
17/07/2024 05:05	19.45	6.35	124.77	15.25	16.73	1.57	21.75	14.5	47.82	15.6	306.69	36.35	3.41	47.24	
17/07/2024 05:10	19.45	6.35	124.77	15.25	16.6	1.41	22.02	14.5	47.82	15.6	306.69	36.06	3.06	47.82	
17/07/2024 05:15	19.45	6.35	124.77	15.25	16.69	1.52	21.86	14.5	47.82	15.6	306.69	36.25	3.29	47.49	
17/07/2024 05:20	19.45	6.35	124.77	15.25	16.79	1.6	22.21	14.5	47.82	15.6	306.69	36.46	3.47	48.23	
17/07/2024 05:25	19.45	6.35	124.77	15.25	16.56	1.44	22.01	14.5	47.82	15.6	306.69	35.95	3.13	47.78	
17/07/2024 05:30	19.45	6.35	124.77	15.25	16.7	1.57	22.13	14.5	47.82	15.6	306.69	36.28	3.42	48.09	
17/07/2024 05:35	19.45	6.35	124.77	15.25	16.62	1.51	22.14	14.5	47.82	15.6	306.69	36.09	3.27	48.08	
17/07/2024 05:40	19.45	6.35	124.77	15.25	16.74	1.54	22.26	14.5	47.82	15.6	306.69	36.33	3.34	48.33	
17/07/2024 05:45	19.45	6.35	124.77	15.25	16.71	1.56	22.35	14.5	47.82	15.6	306.69	36.29	3.39	48.53	
17/07/2024 05:50	19.45	6.35	124.77	15.25	16.69	1.52	21.48	14.5	47.82	15.6	306.69	36.27	3.31	46.68	
17/07/2024 05:55	19.45	6.35	124.77	15.25	16.75	1.55	21.85	14.5	47.82	15.6	306.69	36.39	3.37	47.46	
17/07/2024 06:00	19.45	6.35	124.77	15.25	16.66	1.54	21.77	14.5	47.82	15.6	306.69	36.18	3.34	47.27	
17/07/2024 06:05	19.45	6.35	124.77	15.25	16.73	1.61	22.09	14.5	47.82	15.6	306.69	36.32	3.5	47.95	
17/07/2024 06:10	19.45	6.35	124.77	15.25	16.59	1.53	21.93	14.5	47.82	15.6	306.69	36	3.32	47.59	
17/07/2024 06:15	19.45	6.35	124.77	15.25	16.53	1.6	22.5	14.49	47.82	15.6	306.69	35.87	3.48	48.83	
17/07/2024 06:20	19.45	6.35	124.77	15.25	16.76	1.59	22.87	14.5	47.82	15.6	306.69	36.38	3.44	49.65	
17/07/2024 06:25	19.45	6.35	124.77	15.25	16.57	1.61	23.22	14.5	47.82	15.6	306.69	35.99	3.5	50.42	
17/07/2024 06:30	19.45	6.35	124.77	15.25	16.62	1.59	22.91	14.5	47.82	15.6	306.69	36.09	3.46	49.75	
17/07/2024 06:35	19.45	6.35	124.77	15.25	16.6	1.59	22.88	14.5	47.82	15.6	306.69	36.05	3.45	49.68	
17/07/2024 06:40	19.45	6.35	124.77	15.25	16.41	1.51	22.64	14.5	47.82	15.6	306.69	35.62	3.28	49.14	
17/07/2024 06:45	19.45	6.35	124.77	15.25	16.66	1.57	22.45	14.5	47.82	15.6	306.69	36.2	3.41	48.76	
17/07/2024 06:50	19.45	6.35	124.77	15.25	16.66	1.58	22.71	14.5	47.82	15.6	306.69	36.22	3.43	49.36	
17/07/2024 06:55	19.45	6.35	124.77	15.25	16.63	1.51	22.68	14.51	47.82	15.6	306.69	36.15	3.29	49.31	
17/07/2024 07:00	19.45	6.35	124.77	15.25	16.69	1.52	22.44	14.51	47.82	15.6	306.69	36.29	3.3	48.77	
17/07/2024 07:05	19.45	6.35	124.77	15.25	16.63	1.55	22.58	14.51	47.82	15.6	306.69	36.14	3.36	49.08	
17/07/2024 07:10	19.45	6.35	124.77	15.25	16.5	1.39	22.56	14.5	47.82	15.6	306.69	35.85	3.02	49.02	
17/07/2024 07:15	19.45	6.35	124.77	15.25	16.51	1.4	22.85	14.5	47.82	15.6	306.69	35.87	3.04	49.65	
17/07/2024 07:20	19.45	6.35	124.77	15.25	16.61	1.41	22.38	14.5	47.82	15.6	306.69	36.07	3.07	48.6	
17/07/2024 07:25	19.45	6.35	124.77	15.25	16.69	1.39	22.62	14.5	47.82	15.6	306.69	36.24	3.02	49.11	
17/07/2024 07:30	19.45	6.35	124.77	15.25	16.67	1.4	22.46	14.5	47.82	15.6	306.69	36.19	3.05	48.77	
17/07/2024 07:35	19.45	6.35	124.77	15.25	16.58	1.37	22.09	14.49	47.82	15.6	306.69	35.97	2.98	47.92	
17/07/2024 07:40	19.45	6.35	124.77	15.25	16.62	1.33	22.61	14.49	47.82	15.6	306.69	36.06	2.88	49.06	
17/07/2024 07:45	19.45	6.35	124.77	15.25	16.53	1.29	22.04	14.49	47.82	15.6	306.69	35.84	2.79	47.77	
17/07/2024 07:50	19.45	6.35	124.77	15.25	16.64	1.31	22.21	14.49	47.82	15.6	306.69	36.08	2.83	48.15	
17/07/2024 07:55	19.45	6.35	124.77	15.25	16.54	1.28	21.91	14.49	47.82	15.6	306.69	35.84	2.77	47.48	
17/07/2024 08:00	19.45	6.35	124.77	15.25	16.62	1.22	22.23	14.49	47.82	15.6	306.69	36.03	2.64	48.19	
17/07/2024 08:05	19.45	6.35	124.77	15.25	16.69	1.32	22.22	14.49	47.82	15.6	306.69	36.18	2.87	48.16	
17/07/2024 08:10	19.45	6.35	124.77	15.25	16.66	1.24	22.23	14.49	47.82	15.6	306.69	36.11	2.68	48.18	
17/07/2024 08:15	19.45	6.35	124.77	15.25	16.52	1.24	22	14.48	47.82	15.6	306.69	35.78	2.7	47.63	
17/07/2024 08:20	19.45	6.35	124.77	15.25	16.61	1.2	22.03	14.48	47.82	15.6	306.69	35.98	2.59	47.72	
17/07/2024 08:25	19.45	6.35	124.77	15.25	16.62	1.2	22.21	14.48	47.82	15.6	306.69	35.98	2.59	48.1	
17/07/2024 08:30	19.45	6.35	124.77	15.25	16.77	1.14	21.77	14.48	47.82	15.6	306.69	36.29	2.47	47.11	
17/07/2024 08:35	19.45	6.35	124.77	15.25	16.68	1.13	21.67	14.48	47.82	15.6	306.69	36.08	2.44	46.89	
17/07/2024 08:40	19.45	6.35	124.77	15.25	16.69	1.03	21.69	14.47	47.82	15.6	306.69	36.09	2.23	46.9	
17/07/2024 08:45	19.45	6.35	124.77	15.25	16.77	1.12	21.76	14							



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/07/2024 10:20	19.45	6.35	124.77	15.25	16.87	0.71	21.87	14.41	47.82	15.6	306.69	36.16	1.53	46.88	
17/07/2024 10:25	19.45	6.35	124.77	15.25	16.79	0.55	21.6	14.41	47.82	15.6	306.69	35.94	1.17	46.24	
17/07/2024 10:30	19.45	6.35	124.77	15.25	16.7	0.51	21.5	14.4	47.82	15.6	306.69	35.73	1.1	46	
17/07/2024 10:35	19.45	6.35	124.77	15.25	16.94	0.57	21.55	14.39	47.82	15.6	306.69	36.19	1.22	46.05	
17/07/2024 10:40	19.45	6.35	124.77	15.25	16.74	0.43	21.57	14.39	47.82	15.6	306.69	35.74	0.92	46.04	
17/07/2024 10:45	19.45	6.35	124.77	15.25	16.89	0.63	21.59	14.39	47.82	15.6	306.69	36.05	1.35	46.09	
17/07/2024 10:50	19.45	6.35	124.77	15.25	16.94	0.52	21.56	14.39	47.82	15.6	306.69	36.14	1.11	46	
17/07/2024 10:55	19.45	6.35	124.77	15.25	16.95	0.52	21.64	14.39	47.82	15.6	306.69	36.17	1.1	46.17	
17/07/2024 11:00	19.45	6.35	124.77	15.25	16.84	0.35	21.72	14.38	47.82	15.6	306.69	35.88	0.75	46.28	
17/07/2024 11:05	19.45	6.35	124.77	15.25	16.86	0.38	21.66	14.37	47.82	15.6	306.69	35.91	0.81	46.14	
17/07/2024 11:10	19.45	6.35	124.77	15.25	16.73	0.23	21.45	14.37	47.82	15.6	306.69	35.6	0.5	45.64	
17/07/2024 11:15	19.45	6.35	124.77	15.25	16.77	0.32	21.78	14.37	47.82	15.6	306.69	35.68	0.69	46.34	
17/07/2024 11:20	19.45	6.35	124.77	15.25	16.85	0.32	21.73	14.37	47.82	15.6	306.69	35.85	0.69	46.24	
17/07/2024 11:25	19.45	6.35	124.77	15.25	16.92	0.36	22.18	14.37	47.82	15.6	306.69	36.02	0.76	47.23	
17/07/2024 11:30	19.45	6.35	124.77	15.25	16.73	0.25	21.35	14.37	47.82	15.6	306.69	35.59	0.53	45.41	
17/07/2024 11:35	19.45	6.35	124.77	15.25	16.64	0.18	21.05	14.36	47.82	15.6	306.69	35.37	0.38	44.74	
17/07/2024 11:40	19.45	6.35	124.77	15.25	16.79	0.32	21.23	14.36	47.82	15.6	306.69	35.7	0.68	45.13	
17/07/2024 11:45	19.45	6.35	124.77	15.25	16.76	0.24	21.49	14.36	47.82	15.6	306.69	35.62	0.52	45.68	
17/07/2024 11:50	19.45	6.35	124.77	15.25	16.78	0.33	21.52	14.36	47.82	15.6	306.69	35.67	0.7	45.73	
17/07/2024 11:55	19.45	6.35	124.77	15.25	16.83	0.38	21.88	14.36	47.82	15.6	306.69	35.78	0.81	46.53	
17/07/2024 12:00	19.45	6.35	124.77	15.25	16.53	0.24	22.12	14.36	47.82	15.6	306.69	35.14	0.51	47.02	
17/07/2024 12:05	19.45	6.35	124.77	15.25	16.42	0.31	21.55	14.36	47.82	15.6	306.69	34.91	0.66	45.82	
17/07/2024 12:10	19.45	6.35	124.77	15.25	16.55	0.43	22.37	14.37	47.82	15.6	306.69	35.22	0.91	47.59	
17/07/2024 12:15	19.45	6.35	124.77	15.25	16.55	0.37	21.79	14.37	47.82	15.6	306.69	35.22	0.79	46.37	
17/07/2024 12:20	19.45	6.35	124.77	15.25	16.68	0.52	21.99	14.38	47.82	15.6	306.69	35.55	1.1	46.87	
17/07/2024 12:25	19.45	6.35	124.77	15.25	16.77	0.61	22.71	14.38	47.82	15.6	306.69	35.75	1.3	48.43	
17/07/2024 12:30	19.45	6.35	124.77	15.25	16.48	0.5	22.9	14.38	47.82	15.6	306.69	35.15	1.08	48.84	
17/07/2024 12:35	19.45	6.35	124.77	15.25	16.4	0.43	23	14.38	47.82	15.6	306.69	34.98	0.92	49.04	
17/07/2024 12:40	19.45	6.35	124.77	15.25	16.54	0.55	22.9	14.39	47.82	15.6	306.69	35.3	1.17	48.88	
17/07/2024 12:45	19.45	6.35	124.77	15.25	16.53	0.5	22.43	14.39	47.82	15.6	306.69	35.3	1.07	47.9	
17/07/2024 12:50	19.45	6.35	124.77	15.25	16.57	0.4	22.72	14.39	47.82	15.6	306.69	35.38	0.85	48.49	
17/07/2024 12:55	19.45	6.35	124.77	15.25	16.42	0.3	22.87	14.38	47.82	15.6	306.69	35.03	0.65	48.78	
17/07/2024 13:00	19.45	6.35	124.77	15.25	16.67	0.43	22.38	14.38	47.82	15.6	306.69	35.56	0.91	47.73	
17/07/2024 13:05	19.45	6.35	124.77	15.25	16.58	0.39	22.53	14.38	47.82	15.6	306.69	35.34	0.83	48.04	
17/07/2024 13:10	19.45	6.35	124.77	15.25	16.39	0.29	21.98	14.37	47.82	15.6	306.69	34.9	0.61	46.8	
17/07/2024 13:15	19.45	6.35	124.77	15.25	16.54	0.44	22.47	14.38	47.82	15.6	306.69	35.23	0.93	47.86	
17/07/2024 13:20	19.45	6.35	124.77	15.25	16.37	0.32	22.9	14.38	47.82	15.6	306.69	34.87	0.68	48.79	
17/07/2024 13:25	19.45	6.35	124.77	15.25	16.52	0.46	22.4	14.37	47.82	15.6	306.69	35.18	0.97	47.7	
17/07/2024 13:30	19.45	6.35	124.77	15.25	16.4	0.35	22.39	14.37	47.82	15.6	306.69	34.93	0.75	47.68	
17/07/2024 13:35	19.45	6.35	124.77	15.25	16.41	0.4	22.05	14.37	47.82	15.6	306.69	34.96	0.85	46.96	
17/07/2024 13:40	19.45	6.35	124.77	15.25	16.51	0.54	22.23	14.38	47.82	15.6	306.69	35.17	1.15	47.37	
17/07/2024 13:45	19.45	6.35	124.77	15.25	16.29	0.4	22.74	14.38	47.82	15.6	306.69	34.74	0.86	48.48	
17/07/2024 13:50	19.45	6.35	124.77	15.25	16.45	0.47	22.48	14.39	47.82	15.6	306.69	35.12	1	47.98	
17/07/2024 13:55	19.45	6.35	124.77	15.25	16.56	0.52	22.33	14.39	47.82	15.6	306.69	35.36	1.1	47.68	
17/07/2024 14:00	19.45	6.35	124.77	15.25	16.36	0.56	22.8	14.39	47.82	15.6	306.69	34.94	1.19	48.68	
17/07/2024 14:05	19.45	6.35	124.77	15.25	16.76	0.79	22.89	14.4	47.82	15.6	306.69	35.82	1.69	48.92	
17/07/2024 14:10	19.45	6.35	124.77	15.25	16.41	0.53	22.71	14.39	47.82	15.6	306.69	35.05	1.12	48.51	
17/07/2024 14:15	19.45	6.35	124.77	15.25	16.67	0.69	22.45	14.4	47.82	15.6	306.69	35.65	1.49	48.02	
17/07/2024 14:20	19.45	6.35	124.77	15.25	16.55	0.56	21.91	14.4	47.82	15.6	306.69	35.39	1.19	46.86	
17/07/2024 14:25	19.45	6.35	124.77	15.25	16.6	0.53	21.76	14.41	47.82	15.6	306.69	35.53	1.13	46.56	
17/07/2024 14:30	19.45	6.35	124.77	15.25	16.78	0.72	22.21	14.41	47.82	15.6	306.69	35.93	1.53	47.55	
17/07/2024 14:35	19.45	6.35	124.77	15.25	16.65	0.54	22.21	14.41	47.82	15.6	306.69	35.63	1.16	47.53	
17/07/2024 14:40	19.45	6.35	124.77	15.25	16.75	0.69	22.21	14.41	47.82	15.6	306.69	35.87	1.49	47.57	
17/07/2024 14:45	19.45	6.35	124.77	15.25	16.46	0.5	22.08	14.41	47.82	15.6	306.69	35.25	1.08	47.28	
17/07/2024 14:50	19.45	6.35	124.77	15.25	16.63	0.81	22.78	14.41	47.82	15.6	306.69	35.64	1.73	48.81	
17/07/2024 14:55	19.45	6.35	124.77	15.25	16.35	0.55	22.89	14.41	47.82	15.6	306.69	35.03	1.17	49.04	
17/07/2024 15:00	19.45	6.35	124.77	15.25	16.56	0.8	23.01	14.42	47.82	15.6	306.69	35.51	1.71	49.33	
17/07/2024 15:05	19.45	6.35	124.77	15.25	16.37	0.61	22.66	14.41	47.82	15.6	306.69	35.08	1.3	48.57	
17/07/2024 15:10	19.45	6.35	124.77	15.25	16.28	0.64	22.64	14.42	47.82	15.6	306.69	34.91	1.37	48.53	
17/07/2024 15:15	19.45	6.35	124.77	15.25	16.35	0.66	22.87	14.42	47.82	15.6	306.69	35.05	1.41	49.04	
17/07/2024 15:20	19.45	6.35	124.77	15.25	16.31	0.74	22.66	14.42	47.82	15.6	306.69	34.97	1.58	48.59	
17/07/2024 15:25	19.45	6.35	124.77	15.25	16.21	0.49	22.74	14.41	47.82	15.6	306.69	34.75	1.04	48.74	
17/07/2024 15:30	19.45	6.35	124.77	15.25	16.32	0.75	23.26	14.42	47.82	15.6	306.69	35	1.6	49.87	
17/07/2024 15:35	19.45	6.35	124.77	15.25	16.31	0.64	23.05	14.42	47.82	15.6	306.69	34.99	1.37	49.44	
17/07/2024 15:40	19.45	6.35	124.77	15.25	16.39	0.65	22.91	14.42	47.82	15.6	306.69	35.15	1.4	49.12	
17/07/2024 15:45	19.45	6.35	124.77	15.25	16.68	0.89	22.95	14.42	47.82	15.6	306.69	35.78	1.9	49.22	
17/07/2024 15:50	19.45	6.35	124.77	15.25	16.39	0.66	22.99	14.42	47.82	15.6	306.69	35.14	1.42	49.28	
17/07/2024 15:55	19.45	6.35	124.77	15.25	16.79	0.93	23.13	14.42	47.82	15.6	306.69	36.01	2	49.61	
17/07/2024 16:00	19.45	6.35	124.77	15.25	16.07	0.37	22.58	14.41	47.82	15.6	306.69	34.43	0.8	48.4	
17/07/2024 16:05	19.45	6.35	124.77	15.25	16.22	0.53	22.88	14.42	47.82	15.6	306.69	34.77	1.14	49.07	
17/07/2024 16:10	19.45	6.35	124.77	15.25	16.53	0.61	22.66	14.42	47.82	15.6	306.69	35.45	1.31	48.61	
17/07/2024 16:15	19.45	6.35	124.77	15.25	16.45	0.61	22.83	14.42	47.82	15.6	306.69	35.26	1.32	48.94	
17/07/2024 16:20	19.45	6.35	124.77	15.25	16.64	0.8									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/07/2024 17:55	19.45	6.35	124.77	15.25	15.64	0.74	21.57	14.38	47.82	15.6	306.69	33.36	1.58	46	
17/07/2024 18:00	19.45	6.35	124.77	15.25	16	0.67	22.73	14.4	47.82	15.6	306.69	34.21	1.42	48.57	
17/07/2024 18:05	19.45	6.35	124.77	15.25	16.64	0.9	24.55	14.42	47.82	15.6	306.69	35.68	1.92	52.66	
17/07/2024 18:10	19.45	6.35	124.77	15.25	16.46	0.83	24.59	14.41	47.82	15.6	306.69	35.28	1.79	52.7	
17/07/2024 18:15	19.45	6.35	124.77	15.25	16.51	0.85	24.75	14.41	47.82	15.6	306.69	35.37	1.81	53.03	
17/07/2024 18:20	19.45	6.35	124.77	15.25	16.57	0.92	24.69	14.42	47.82	15.6	306.69	35.52	1.97	52.92	
17/07/2024 18:25	19.45	6.35	124.77	15.25	16.8	1.08	24.93	14.43	47.82	15.6	306.69	36.07	2.31	53.54	
17/07/2024 18:30	19.45	6.35	124.77	15.25	16.53	0.86	24.74	14.43	47.82	15.6	306.69	35.53	1.84	53.15	
17/07/2024 18:35	19.45	6.35	124.77	15.25	16.44	0.82	24.64	14.43	47.82	15.6	306.69	35.34	1.76	52.97	
17/07/2024 18:40	19.45	6.35	124.77	15.25	16.73	1.03	24.43	14.44	47.82	15.6	306.69	35.99	2.21	52.56	
17/07/2024 18:45	19.45	6.35	124.77	15.25	16.49	0.88	24.83	14.44	47.82	15.6	306.69	35.52	1.89	53.47	
17/07/2024 18:50	19.45	6.35	124.77	15.25	16.7	0.98	24.77	14.45	47.82	15.6	306.69	35.97	2.11	53.37	
17/07/2024 18:55	19.45	6.35	124.77	15.25	16.66	0.98	24.54	14.45	47.82	15.6	306.69	35.88	2.11	52.84	
17/07/2024 19:00	19.45	6.35	124.77	15.25	16.71	1.04	24.6	14.44	47.82	15.6	306.69	35.97	2.25	52.98	
17/07/2024 19:05	19.45	6.35	124.77	15.25	16.47	0.88	24.8	14.44	47.82	15.6	306.69	35.46	1.89	53.38	
17/07/2024 19:10	19.45	6.35	124.77	15.25	16.54	0.94	24.6	14.44	47.82	15.6	306.69	35.61	2.02	52.96	
17/07/2024 19:15	19.45	6.35	124.77	15.25	16.69	1.15	24.61	14.44	47.82	15.6	306.69	35.93	2.48	52.98	
17/07/2024 19:20	19.45	6.35	124.77	15.25	16.67	1.06	24.83	14.45	47.82	15.6	306.69	35.9	2.28	53.47	
17/07/2024 19:25	19.45	6.35	124.77	15.25	16.65	1.02	24.95	14.44	47.82	15.6	306.69	35.85	2.19	53.72	
17/07/2024 19:30	19.45	6.35	124.77	15.25	16.51	0.94	25.13	14.44	47.82	15.6	306.69	35.54	2.02	54.09	
17/07/2024 19:35	19.45	6.35	124.77	15.25	16.77	1.14	25.36	14.44	47.82	15.6	306.69	36.1	2.45	54.58	
17/07/2024 19:40	19.45	6.35	124.77	15.25	16.47	0.96	25.04	14.44	47.82	15.6	306.69	35.44	2.07	53.89	
17/07/2024 19:45	19.45	6.35	124.77	15.25	16.63	1.11	25.02	14.44	47.82	15.6	306.69	35.79	2.39	53.85	
17/07/2024 19:50	19.45	6.35	124.77	15.25	16.62	0.92	24.99	14.44	47.82	15.6	306.69	35.77	1.97	53.77	
17/07/2024 19:55	19.45	6.35	124.77	15.25	16.75	1.15	24.59	14.44	47.82	15.6	306.69	36.04	2.48	52.9	
17/07/2024 20:00	19.45	6.35	124.77	15.25	16.61	1.01	24.53	14.44	47.82	15.6	306.69	35.74	2.17	52.79	
17/07/2024 20:05	19.45	6.35	124.77	15.25	16.81	1.11	24.38	14.45	47.82	15.6	306.69	36.21	2.38	52.53	
17/07/2024 20:10	19.45	6.35	124.77	15.25	16.81	1.09	24.14	14.45	47.82	15.6	306.69	36.23	2.35	52.02	
17/07/2024 20:15	19.45	6.35	124.77	15.25	17.03	1.26	24.46	14.45	47.82	15.6	306.69	36.68	2.71	52.69	
17/07/2024 20:20	19.45	6.35	124.77	15.25	16.69	1.04	24.26	14.44	47.82	15.6	306.69	35.92	2.25	52.22	
17/07/2024 20:25	19.45	6.35	124.77	15.25	16.71	1.12	24.63	14.44	47.82	15.6	306.69	35.99	2.42	53.03	
17/07/2024 20:30	19.45	6.35	124.77	15.25	16.8	1.1	23.89	14.45	47.82	15.6	306.69	36.18	2.38	51.44	
17/07/2024 20:35	19.45	6.35	124.77	15.25	16.79	1.03	23.91	14.45	47.82	15.6	306.69	36.17	2.23	51.5	
17/07/2024 20:40	19.45	6.35	124.77	15.25	16.77	1.13	24.31	14.45	47.82	15.6	306.69	36.15	2.44	52.4	
17/07/2024 20:45	19.45	6.35	124.77	15.25	16.69	1.06	24.02	14.45	47.82	15.6	306.69	35.98	2.27	51.77	
17/07/2024 20:50	19.45	6.35	124.77	15.25	16.7	1.03	23.74	14.45	47.82	15.6	306.69	35.98	2.22	51.14	
17/07/2024 20:55	19.45	6.35	124.77	15.25	16.91	1.07	23.28	14.45	47.82	15.6	306.69	36.42	2.3	50.15	
17/07/2024 21:00	19.45	6.35	124.77	15.25	16.84	1.14	23.42	14.45	47.82	15.6	306.69	36.31	2.45	50.51	
17/07/2024 21:05	19.45	6.35	124.77	15.25	16.9	1.14	23.5	14.46	47.82	15.6	306.69	36.45	2.45	50.68	
17/07/2024 21:10	19.45	6.35	124.77	15.25	16.77	1.1	23.5	14.46	47.82	15.6	306.69	36.17	2.37	50.7	
17/07/2024 21:15	19.45	6.35	124.77	15.25	16.79	1.05	23.35	14.46	47.82	15.6	306.69	36.23	2.26	50.37	
17/07/2024 21:20	19.45	6.35	124.77	15.25	16.84	1.11	23.26	14.46	47.82	15.6	306.69	36.34	2.39	50.2	
17/07/2024 21:25	19.45	6.35	124.77	15.25	16.67	1	23.32	14.45	47.82	15.6	306.69	35.96	2.16	50.3	
17/07/2024 21:30	19.45	6.35	124.77	15.25	16.94	1.13	23.13	14.46	47.82	15.6	306.69	36.54	2.43	49.89	
17/07/2024 21:35	19.45	6.35	124.77	15.25	16.93	1.17	22.68	14.45	47.82	15.6	306.69	36.51	2.53	48.91	
17/07/2024 21:40	19.45	6.35	124.77	15.25	16.89	1.13	22.5	14.45	47.82	15.6	306.69	36.41	2.44	48.52	
17/07/2024 21:45	19.45	6.35	124.77	15.25	16.83	1.06	22.29	14.45	47.82	15.6	306.69	36.29	2.29	48.06	
17/07/2024 21:50	19.45	6.35	124.77	15.25	17.04	1.1	22.3	14.46	47.82	15.6	306.69	36.77	2.37	48.12	
17/07/2024 21:55	19.45	6.35	124.77	15.25	17.13	1.27	22.45	14.46	47.82	15.6	306.69	36.95	2.74	48.44	
17/07/2024 22:00	19.45	6.35	124.77	15.25	16.99	1.17	23.09	14.46	47.82	15.6	306.69	36.66	2.53	49.81	
17/07/2024 22:05	19.45	6.35	124.77	15.25	16.86	1.07	22.99	14.46	47.82	15.6	306.69	36.37	2.31	49.6	
17/07/2024 22:10	19.45	6.35	124.77	15.25	16.72	1.04	22.81	14.45	47.82	15.6	306.69	36.05	2.25	49.18	
17/07/2024 22:15	19.45	6.35	124.77	15.25	16.97	1.16	22.84	14.46	47.82	15.6	306.69	36.59	2.49	49.27	
17/07/2024 22:20	19.45	6.35	124.77	15.25	16.77	1.12	23.15	14.45	47.82	15.6	306.69	36.17	2.41	49.93	
17/07/2024 22:25	19.45	6.35	124.77	15.25	17.14	1.23	23.06	14.46	47.82	15.6	306.69	36.96	2.65	49.75	
17/07/2024 22:30	19.45	6.35	124.77	15.25	16.84	1.16	23.3	14.45	47.82	15.6	306.69	36.31	2.51	50.26	
17/07/2024 22:35	19.45	6.35	124.77	15.25	16.65	0.97	22.76	14.45	47.82	15.6	306.69	35.91	2.1	49.08	
17/07/2024 22:40	19.45	6.35	124.77	15.25	16.78	1.04	22.89	14.46	47.82	15.6	306.69	36.2	2.25	49.38	
17/07/2024 22:45	19.45	6.35	124.77	15.25	17.08	1.23	22.71	14.46	47.82	15.6	306.69	36.85	2.66	49	
17/07/2024 22:50	19.45	6.35	124.77	15.25	16.9	1.18	22.75	14.46	47.82	15.6	306.69	36.48	2.55	49.09	
17/07/2024 22:55	19.45	6.35	124.77	15.25	16.99	1.28	22.71	14.46	47.82	15.6	306.69	36.66	2.75	49	
17/07/2024 23:00	19.45	6.35	124.77	15.25	16.95	1.18	22.77	14.46	47.82	15.6	306.69	36.55	2.55	49.11	
17/07/2024 23:05	19.45	6.35	124.77	15.25	16.71	1.16	22.94	14.45	47.82	15.6	306.69	36.03	2.5	49.43	
17/07/2024 23:10	19.45	6.35	124.77	15.25	16.81	1.14	22.79	14.45	47.82	15.6	306.69	36.23	2.46	49.13	
17/07/2024 23:15	19.45	6.35	124.77	15.25	16.87	1.3	22.4	14.45	47.82	15.6	306.69	36.37	2.81	48.31	
17/07/2024 23:20	19.45	6.35	124.77	15.25	17	1.24	22.54	14.46	47.82	15.6	306.69	36.66	2.68	48.62	
17/07/2024 23:25	19.45	6.35	124.77	15.25	16.86	1.28	22.73	14.46	47.82	15.6	306.69	36.38	2.77	49.03	
17/07/2024 23:30	19.45	6.35	124.77	15.25	16.88	1.22	23.2	14.46	47.82	15.6	306.69	36.42	2.64	50.05	
17/07/2024 23:35	19.45	6.35	124.77	15.25	16.85	1.26	23.06	14.46	47.82	15.6	306.69	36.35	2.72	49.74	
17/07/2024 23:40	19.45	6.35	124.77	15.25	16.82	1.23	22.79	14.46	47.82	15.6	306.69	36.3	2.65	49.16	
17/07/2024 23:45	19.45	6.35	124.77	15.25	16.77	1.24	23.17	14.46	47.82	15.6	306.69	36.21	2.68	50.02	
17/07/2024 23:50	19.45	6.35	124.77	15.25	16.86	1.25	23.72	14.46	47.82	15.6	306.69	36.41	2.71	51.2	
17/07/2024 23:55	19.45	6.35	124.77	15.25	16.83										



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
18/07/2024 01:30	19.45	6.35	124.77	15.25	16.73	1.25	23	14.46	47.82	15.6	306.69	36.09	2.69	49.6	
18/07/2024 01:35	19.45	6.35	124.77	15.25	16.82	1.36	22.86	14.46	47.82	15.6	306.69	36.28	2.93	49.31	
18/07/2024 01:40	19.45	6.35	124.77	15.25	16.85	1.31	23.07	14.46	47.82	15.6	306.69	36.35	2.82	49.78	
18/07/2024 01:45	19.45	6.35	124.77	15.25	16.82	1.37	23.16	14.46	47.82	15.6	306.69	36.3	2.96	49.96	
18/07/2024 01:50	19.45	6.35	124.77	15.25	16.72	1.3	22.95	14.46	47.82	15.6	306.69	36.07	2.8	49.51	
18/07/2024 01:55	19.45	6.35	124.77	15.25	16.78	1.35	23.14	14.46	47.82	15.6	306.69	36.2	2.91	49.92	
18/07/2024 02:00	19.45	6.35	124.77	15.25	16.67	1.33	23.39	14.46	47.82	15.6	306.69	35.96	2.87	50.47	
18/07/2024 02:05	19.45	6.35	124.77	15.25	16.79	1.41	23.13	14.46	47.82	15.6	306.69	36.22	3.03	49.9	
18/07/2024 02:10	19.45	6.35	124.77	15.25	16.59	1.26	23.14	14.46	47.82	15.6	306.69	35.8	2.72	49.93	
18/07/2024 02:15	19.45	6.35	124.77	15.25	16.8	1.38	23.05	14.46	47.82	15.6	306.69	36.26	2.98	49.76	
18/07/2024 02:20	19.45	6.35	124.77	15.25	16.65	1.38	23.44	14.46	47.82	15.6	306.69	35.95	2.98	50.59	
18/07/2024 02:25	19.45	6.35	124.77	15.25	16.66	1.37	23.47	14.46	47.82	15.6	306.69	35.97	2.96	50.68	
18/07/2024 02:30	19.45	6.35	124.77	15.25	16.75	1.37	23.51	14.46	47.82	15.6	306.69	36.16	2.96	50.75	
18/07/2024 02:35	19.45	6.35	124.77	15.25	16.84	1.42	23.68	14.46	47.82	15.6	306.69	36.36	3.07	51.13	
18/07/2024 02:40	19.45	6.35	124.77	15.25	16.68	1.43	23.79	14.46	47.82	15.6	306.69	35.99	3.09	51.35	
18/07/2024 02:45	19.45	6.35	124.77	15.25	16.83	1.43	23.71	14.46	47.82	15.6	306.69	36.33	3.1	51.19	
18/07/2024 02:50	19.45	6.35	124.77	15.25	16.63	1.38	23.97	14.46	47.82	15.6	306.69	35.9	2.98	51.75	
18/07/2024 02:55	19.45	6.35	124.77	15.25	16.68	1.32	23.64	14.46	47.82	15.6	306.69	36.01	2.85	51.03	
18/07/2024 03:00	19.45	6.35	124.77	15.25	16.79	1.44	23.63	14.46	47.82	15.6	306.69	36.24	3.1	51	
18/07/2024 03:05	19.45	6.35	124.77	15.25	16.76	1.41	23.94	14.46	47.82	15.6	306.69	36.15	3.05	51.65	
18/07/2024 03:10	19.45	6.35	124.77	15.25	16.74	1.42	23.54	14.46	47.82	15.6	306.69	36.1	3.07	50.78	
18/07/2024 03:15	19.45	6.35	124.77	15.25	16.7	1.37	24.05	14.46	47.82	15.6	306.69	36.04	2.97	51.89	
18/07/2024 03:20	19.45	6.35	124.77	15.25	16.8	1.43	23.87	14.46	47.82	15.6	306.69	36.25	3.1	51.51	
18/07/2024 03:25	19.45	6.35	124.77	15.25	16.71	1.39	23.73	14.46	47.82	15.6	306.69	36.08	3.01	51.23	
18/07/2024 03:30	19.45	6.35	124.77	15.25	16.72	1.44	23.83	14.46	47.82	15.6	306.69	36.09	3.11	51.45	
18/07/2024 03:35	19.45	6.35	124.77	15.25	16.64	1.38	23.5	14.46	47.82	15.6	306.69	35.91	2.97	50.71	
18/07/2024 03:40	19.45	6.35	124.77	15.25	16.55	1.35	23.3	14.46	47.82	15.6	306.69	35.7	2.9	50.26	
18/07/2024 03:45	19.45	6.35	124.77	15.25	16.56	1.34	23.75	14.46	47.82	15.6	306.69	35.72	2.89	51.24	
18/07/2024 03:50	19.45	6.35	124.77	15.25	16.69	1.41	23.45	14.46	47.82	15.6	306.69	36.02	3.05	50.59	
18/07/2024 03:55	19.45	6.35	124.77	15.25	16.67	1.44	23.66	14.46	47.82	15.6	306.69	35.99	3.11	51.07	
18/07/2024 04:00	19.45	6.35	124.77	15.25	16.6	1.39	23.97	14.46	47.82	15.6	306.69	35.84	3.01	51.76	
18/07/2024 04:05	19.45	6.35	124.77	15.25	16.67	1.5	23.39	14.46	47.82	15.6	306.69	35.98	3.24	50.49	
18/07/2024 04:10	19.45	6.35	124.77	15.25	16.52	1.31	23.75	14.46	47.82	15.6	306.69	35.66	2.84	51.26	
18/07/2024 04:15	19.45	6.35	124.77	15.25	16.67	1.41	23.11	14.46	47.82	15.6	306.69	35.98	3.05	49.87	
18/07/2024 04:20	19.45	6.35	124.77	15.25	16.63	1.39	24.09	14.46	47.82	15.6	306.69	35.89	3	51.98	
18/07/2024 04:25	19.45	6.35	124.77	15.25	16.71	1.48	23.98	14.46	47.82	15.6	306.69	36.08	3.2	51.76	
18/07/2024 04:30	19.45	6.35	124.77	15.25	16.62	1.31	24.34	14.46	47.82	15.6	306.69	35.87	2.83	52.52	
18/07/2024 04:35	19.45	6.35	124.77	15.25	16.61	1.37	23.76	14.46	47.82	15.6	306.69	35.84	2.95	51.27	
18/07/2024 04:40	19.45	6.35	124.77	15.25	16.6	1.33	23.45	14.46	47.82	15.6	306.69	35.83	2.87	50.62	
18/07/2024 04:45	19.45	6.35	124.77	15.25	16.69	1.36	22.87	14.46	47.82	15.6	306.69	36.03	2.94	49.36	
18/07/2024 04:50	19.45	6.35	124.77	15.25	16.73	1.41	23	14.46	47.82	15.6	306.69	36.12	3.03	49.65	
18/07/2024 04:55	19.45	6.35	124.77	15.25	16.76	1.36	23.14	14.46	47.82	15.6	306.69	36.17	2.94	49.94	
18/07/2024 05:00	19.45	6.35	124.77	15.25	16.78	1.38	22.87	14.46	47.82	15.6	306.69	36.2	2.98	49.36	
18/07/2024 05:05	19.45	6.35	124.77	15.25	16.79	1.43	22.67	14.46	47.82	15.6	306.69	36.23	3.08	48.91	
18/07/2024 05:10	19.45	6.35	124.77	15.25	16.7	1.33	22.75	14.46	47.82	15.6	306.69	36.03	2.86	49.07	
18/07/2024 05:15	19.45	6.35	124.77	15.25	16.66	1.33	22.76	14.46	47.82	15.6	306.69	35.95	2.88	49.1	
18/07/2024 05:20	19.45	6.35	124.77	15.25	16.78	1.43	23.12	14.46	47.82	15.6	306.69	36.22	3.08	49.9	
18/07/2024 05:25	19.45	6.35	124.77	15.25	16.76	1.36	22.71	14.46	47.82	15.6	306.69	36.15	2.93	48.98	
18/07/2024 05:30	19.45	6.35	124.77	15.25	16.79	1.41	22.82	14.46	47.82	15.6	306.69	36.22	3.04	49.23	
18/07/2024 05:35	19.45	6.35	124.77	15.25	16.77	1.35	22.85	14.46	47.82	15.6	306.69	36.19	2.92	49.3	
18/07/2024 05:40	19.45	6.35	124.77	15.25	16.7	1.43	23.22	14.46	47.82	15.6	306.69	36.04	3.08	50.11	
18/07/2024 05:45	19.45	6.35	124.77	15.25	16.76	1.4	23.12	14.46	47.82	15.6	306.69	36.16	3.02	49.88	
18/07/2024 05:50	19.45	6.35	124.77	15.25	16.74	1.4	22.95	14.46	47.82	15.6	306.69	36.13	3.02	49.53	
18/07/2024 05:55	19.45	6.35	124.77	15.25	16.66	1.4	23.08	14.46	47.82	15.6	306.69	35.97	3.03	49.84	
18/07/2024 06:00	19.45	6.35	124.77	15.25	16.81	1.37	22.7	14.46	47.82	15.6	306.69	36.28	2.97	48.99	
18/07/2024 06:05	19.45	6.35	124.77	15.25	16.64	1.4	22.85	14.45	47.82	15.6	306.69	35.88	3.01	49.25	
18/07/2024 06:10	19.45	6.35	124.77	15.25	16.7	1.35	22.77	14.45	47.82	15.6	306.69	36.02	2.92	49.11	
18/07/2024 06:15	19.45	6.35	124.77	15.25	16.88	1.48	22.96	14.46	47.82	15.6	306.69	36.4	3.2	49.52	
18/07/2024 06:20	19.45	6.35	124.77	15.25	16.73	1.35	22.88	14.45	47.82	15.6	306.69	36.08	2.92	49.34	
18/07/2024 06:25	19.45	6.35	124.77	15.25	16.82	1.48	22.53	14.45	47.82	15.6	306.69	36.28	3.19	48.6	
18/07/2024 06:30	19.45	6.35	124.77	15.25	16.78	1.49	23.11	14.46	47.82	15.6	306.69	36.2	3.22	49.87	
18/07/2024 06:35	19.45	6.35	124.77	15.25	16.67	1.39	23	14.46	47.82	15.6	306.69	35.96	3.01	49.63	
18/07/2024 06:40	19.45	6.35	124.77	15.25	16.71	1.45	22.64	14.46	47.82	15.6	306.69	36.07	3.13	48.85	
18/07/2024 06:45	19.45	6.35	124.77	15.25	16.8	1.57	22.64	14.46	47.82	15.6	306.69	36.27	3.39	48.89	
18/07/2024 06:50	19.45	6.35	124.77	15.25	16.64	1.39	22.68	14.46	47.82	15.6	306.69	35.93	3	48.98	
18/07/2024 06:55	19.45	6.35	124.77	15.25	16.87	1.54	22.72	14.47	47.82	15.6	306.69	36.47	3.32	49.1	
18/07/2024 07:00	19.45	6.35	124.77	15.25	16.75	1.49	22.82	14.47	47.82	15.6	306.69	36.22	3.22	49.36	
18/07/2024 07:05	19.45	6.35	124.77	15.25	16.78	1.49	22.7	14.47	47.82	15.6	306.69	36.3	3.23	49.11	
18/07/2024 07:10	19.45	6.35	124.77	15.25	16.81	1.43	22.57	14.47	47.82	15.6	306.69	36.36	3.08	48.81	
18/07/2024 07:15	19.45	6.35	124.77	15.25	16.85	1.43	22.92	14.47	47.82	15.6	306.69	36.44	3.09	49.57	
18/07/2024 07:20	19.45	6.35	124.77	15.25	16.76	1.39	22.65	14.47	47.82	15.6	306.69	36.21	3.01	48.93	
18/07/2024 07:25	19.45	6.35	124.77	15.25	16.81	1.31	22.6	14.47	47.82	15.6	306.69	36.32	2.83	48.83	
18/07/2024 07:30	19.45	6.35	124.77	15.											



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
18/07/2024 09:05	19.45	6.35	124.77	15.25	16.79	1.2	21.98	14.44	47.82	15.6	306.69	36.14	2.58	47.3	
18/07/2024 09:10	19.45	6.35	124.77	15.25	16.66	0.97	22.52	14.44	47.82	15.6	306.69	35.85	2.09	48.45	
18/07/2024 09:15	19.45	6.35	124.77	15.25	16.67	1.06	22.04	14.44	47.82	15.6	306.69	35.89	2.28	47.44	
18/07/2024 09:20	19.45	6.35	124.77	15.25	16.75	0.96	22.16	14.44	47.82	15.6	306.69	36.02	2.07	47.66	
18/07/2024 09:25	19.45	6.35	124.77	15.25	16.86	1.01	22.07	14.43	47.82	15.6	306.69	36.25	2.18	47.44	
18/07/2024 09:30	19.45	6.35	124.77	15.25	16.88	0.9	22.14	14.43	47.82	15.6	306.69	36.26	1.93	47.56	
18/07/2024 09:35	19.45	6.35	124.77	15.25	17.07	1.05	21.72	14.43	47.82	15.6	306.69	36.66	2.26	46.67	
18/07/2024 09:40	19.45	6.35	124.77	15.25	16.77	0.85	22.11	14.42	47.82	15.6	306.69	35.98	1.82	47.44	
18/07/2024 09:45	19.45	6.35	124.77	15.25	17	0.98	22.28	14.42	47.82	15.6	306.69	36.46	2.09	47.8	
18/07/2024 09:50	19.45	6.35	124.77	15.25	16.9	0.83	21.67	14.42	47.82	15.6	306.69	36.21	1.79	46.46	
18/07/2024 09:55	19.45	6.35	124.77	15.25	16.78	0.79	21.83	14.41	47.82	15.6	306.69	35.93	1.7	46.75	
18/07/2024 10:00	19.45	6.35	124.77	15.25	16.93	0.72	21.95	14.41	47.82	15.6	306.69	36.26	1.55	47	
18/07/2024 10:05	19.45	6.35	124.77	15.25	17.09	0.89	21.87	14.41	47.82	15.6	306.69	36.58	1.91	46.82	
18/07/2024 10:10	19.45	6.35	124.77	15.25	16.94	0.68	21.98	14.4	47.82	15.6	306.69	36.24	1.46	47.02	
18/07/2024 10:15	19.45	6.35	124.77	15.25	16.76	0.67	22.6	14.4	47.82	15.6	306.69	35.81	1.44	48.28	
18/07/2024 10:20	19.45	6.35	124.77	15.25	16.96	0.81	22.23	14.39	47.82	15.6	306.69	36.23	1.73	47.5	
18/07/2024 10:25	19.45	6.35	124.77	15.25	16.41	0.81	22.66	14.36	47.82	15.6	306.69	34.89	1.72	48.17	
18/07/2024 10:30	19.45	6.35	124.77	15.25	16.65	1.15	22.94	14.3	47.82	15.6	306.69	35.09	2.42	48.34	
18/07/2024 10:35	19.45	6.35	124.77	15.25	16.46	1.08	22.39	14.27	47.82	15.6	306.69	34.51	2.26	46.92	
18/07/2024 10:40	19.45	6.35	124.77	15.25	16.72	1.42	22.59	14.29	47.82	15.6	306.69	35.17	2.99	47.5	
18/07/2024 10:45	19.45	6.35	124.77	15.25	16.63	1.39	22.31	14.35	47.82	15.6	306.69	35.3	2.95	47.36	
18/07/2024 10:50	19.45	6.35	124.77	15.25	16.7	1.41	22.85	14.41	47.82	15.6	306.69	35.76	3.03	48.95	
18/07/2024 10:55	19.45	6.35	124.77	15.25	16.64	1	22.92	14.45	47.82	15.6	306.69	35.87	2.16	49.41	
18/07/2024 11:00	19.45	6.35	124.77	15.25	16.75	0.99	22.72	14.48	47.82	15.6	306.69	36.23	2.15	49.15	
18/07/2024 11:05	19.45	6.35	124.77	15.25	16.78	0.88	22.31	14.49	47.82	15.6	306.69	36.38	1.91	48.38	
18/07/2024 11:10	19.45	6.35	124.77	15.25	16.84	0.87	22.68	14.5	47.82	15.6	306.69	36.56	1.88	49.25	
18/07/2024 11:15	19.45	6.35	124.77	15.25	16.84	0.85	22.93	14.5	47.82	15.6	306.69	36.59	1.84	49.82	
18/07/2024 11:20	19.45	6.35	124.77	15.25	16.66	0.71	22.91	14.5	47.82	15.6	306.69	36.2	1.54	49.79	
18/07/2024 11:25	19.45	6.35	124.77	15.25	16.83	0.87	22.7	14.51	47.82	15.6	306.69	36.57	1.9	49.35	
18/07/2024 11:30	19.45	6.35	124.77	15.25	16.76	0.83	22.57	14.5	47.82	15.6	306.69	36.43	1.81	49.04	
18/07/2024 11:35	19.45	6.35	124.77	15.25	16.82	0.81	22.93	14.51	47.82	15.6	306.69	36.55	1.75	49.83	
18/07/2024 11:40	19.45	6.35	124.77	15.25	16.57	0.65	22.72	14.5	47.82	15.6	306.69	36.01	1.41	49.39	
18/07/2024 11:45	19.45	6.35	124.77	15.25	16.83	0.87	22.7	14.51	47.82	15.6	306.69	36.59	1.89	49.35	
18/07/2024 11:50	19.45	6.35	124.77	15.25	16.7	0.69	22.77	14.5	47.82	15.6	306.69	36.29	1.5	49.47	
18/07/2024 11:55	19.45	6.35	124.77	15.25	16.74	0.64	22.71	14.5	47.82	15.6	306.69	36.35	1.4	49.32	
18/07/2024 12:00	19.45	6.35	124.77	15.25	16.75	0.65	22.54	14.5	47.82	15.6	306.69	36.37	1.41	48.95	
18/07/2024 12:05	19.45	6.35	124.77	15.25	16.64	0.6	22.3	14.5	47.82	15.6	306.69	36.12	1.31	48.4	
18/07/2024 12:10	19.45	6.35	124.77	15.25	16.77	0.59	22.6	14.5	47.82	15.6	306.69	36.41	1.27	49.08	
18/07/2024 12:15	19.45	6.35	124.77	15.25	16.89	0.64	22.26	14.49	47.82	15.6	306.69	36.64	1.39	48.3	
18/07/2024 12:20	19.45	6.35	124.77	15.25	16.68	0.41	22.13	14.49	47.82	15.6	306.69	36.18	0.88	48	
18/07/2024 12:25	19.45	6.35	124.77	15.25	16.84	0.55	22.45	14.49	47.82	15.6	306.69	36.54	1.19	48.7	
18/07/2024 12:30	19.45	6.35	124.77	15.25	16.7	0.46	22.23	14.49	47.82	15.6	306.69	36.22	0.99	48.22	
18/07/2024 12:35	19.45	6.35	124.77	15.25	16.72	0.42	22.27	14.49	47.82	15.6	306.69	36.24	0.91	48.27	
18/07/2024 12:40	19.45	6.35	124.77	15.25	16.85	0.59	22.03	14.49	47.82	15.6	306.69	36.52	1.27	47.73	
18/07/2024 12:45	19.45	6.35	124.77	15.25	16.57	0.38	22.15	14.48	47.82	15.6	306.69	35.89	0.81	47.98	
18/07/2024 12:50	19.45	6.35	124.77	15.25	16.81	0.59	22.13	14.49	47.82	15.6	306.69	36.46	1.29	47.99	
18/07/2024 12:55	19.45	6.35	124.77	15.25	16.47	0.38	22.32	14.48	47.82	15.6	306.69	35.68	0.81	48.36	
18/07/2024 13:00	19.45	6.35	124.77	15.25	16.99	0.62	22.16	14.49	47.82	15.6	306.69	36.84	1.35	48.05	
18/07/2024 13:05	19.45	6.35	124.77	15.25	16.78	0.57	22.39	14.49	47.82	15.6	306.69	36.39	1.24	48.56	
18/07/2024 13:10	19.45	6.35	124.77	15.25	16.71	0.61	22.52	14.49	47.82	15.6	306.69	36.23	1.32	48.83	
18/07/2024 13:15	19.45	6.35	124.77	15.25	16.93	0.86	23.07	14.49	47.82	15.6	306.69	36.73	1.87	50.04	
18/07/2024 13:20	19.45	6.35	124.77	15.25	16.68	0.69	22.78	14.49	47.82	15.6	306.69	36.15	1.5	49.38	
18/07/2024 13:25	19.45	6.35	124.77	15.25	16.8	0.97	23.31	14.49	47.82	15.6	306.69	36.43	2.11	50.56	
18/07/2024 13:30	19.45	6.35	124.77	15.25	16.89	0.99	23.23	14.49	47.82	15.6	306.69	36.62	2.14	50.35	
18/07/2024 13:35	19.45	6.35	124.77	15.25	16.84	1.09	23.1	14.49	47.82	15.6	306.69	36.52	2.36	50.12	
18/07/2024 13:40	19.45	6.35	124.77	15.25	16.92	1.07	22.94	14.49	47.82	15.6	306.69	36.72	2.33	49.77	
18/07/2024 13:45	19.45	6.35	124.77	15.25	16.94	1.16	22.91	14.5	47.82	15.6	306.69	36.78	2.52	49.75	
18/07/2024 13:50	19.45	6.35	124.77	15.25	16.86	1.13	22.96	14.5	47.82	15.6	306.69	36.6	2.45	49.84	
18/07/2024 13:55	19.45	6.35	124.77	15.25	16.92	1.22	23.44	14.5	47.82	15.6	306.69	36.76	2.66	50.92	
18/07/2024 14:00	19.45	6.35	124.77	15.25	16.84	1.17	23.33	14.5	47.82	15.6	306.69	36.6	2.53	50.69	
18/07/2024 14:05	19.45	6.35	124.77	15.25	16.95	1.25	24.01	14.51	47.82	15.6	306.69	36.86	2.72	52.21	
18/07/2024 14:10	19.45	6.35	124.77	15.25	16.81	1.18	23.55	14.51	47.82	15.6	306.69	36.54	2.56	51.19	
18/07/2024 14:15	19.45	6.35	124.77	15.25	16.81	1.26	23.4	14.51	47.82	15.6	306.69	36.56	2.73	50.88	
18/07/2024 14:20	19.45	6.35	124.77	15.25	16.77	1.2	23.47	14.51	47.82	15.6	306.69	36.45	2.61	51.03	
18/07/2024 14:25	19.45	6.35	124.77	15.25	16.77	1.23	23.07	14.51	47.82	15.6	306.69	36.47	2.68	50.18	
18/07/2024 14:30	19.45	6.35	124.77	15.25	16.72	1.18	23.62	14.51	47.82	15.6	306.69	36.39	2.58	51.4	
18/07/2024 14:35	19.45	6.35	124.77	15.25	16.76	1.22	23.6	14.52	47.82	15.6	306.69	36.49	2.65	51.39	
18/07/2024 14:40	19.45	6.35	124.77	15.25	16.68	1.15	23.48	14.52	47.82	15.6	306.69	36.32	2.51	51.15	
18/07/2024 14:45	19.45	6.35	124.77	15.25	16.73	1.2	23.66	14.52	47.82	15.6	306.69	36.43	2.61	51.54	
18/07/2024 14:50	19.45	6.35	124.77	15.25	16.76	1.16	23.35	14.52	47.82	15.6	306.69	36.5	2.52	50.85	
18/07/2024 14:55	19.45	6.35	124.77	15.25	16.7	1.17	23.37	14.52	47.82	15.6	306.69	36.37	2.56	50.9	
18/07/2024 15:00	19.45	6.35	124.77	15.25	16.87	1.12	23.68	14.52	47.82	15.6	306.69	36.74	2.44	51.59	
18/07/2024 15:05	19.45	6.35	124.77	15.25	16.81	1.17									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
18/07/2024 16:40	19.45	6.35	124.77	15.25	16.75	1.03	23.03	14.52	47.82	15.6	306.69	36.48	2.25	50.14	
18/07/2024 16:45	19.45	6.35	124.77	15.25	16.75	1.04	23	14.51	47.82	15.6	306.69	36.47	2.26	50.07	
18/07/2024 16:50	19.45	6.35	124.77	15.25	16.65	0.95	23.17	14.51	47.82	15.6	306.69	36.24	2.07	50.45	
18/07/2024 16:55	19.45	6.35	124.77	15.25	16.77	1.08	22.72	14.51	47.82	15.6	306.69	36.49	2.36	49.43	
18/07/2024 17:00	19.45	6.35	124.77	15.25	16.72	1.07	22.55	14.51	47.82	15.6	306.69	36.39	2.33	49.08	
18/07/2024 17:05	19.45	6.35	124.77	15.25	16.73	1.06	22.44	14.51	47.82	15.6	306.69	36.41	2.31	48.84	
18/07/2024 17:10	19.45	6.35	124.77	15.25	16.71	1.05	22.64	14.51	47.82	15.6	306.69	36.37	2.28	49.29	
18/07/2024 17:15	19.45	6.35	124.77	15.25	16.66	1.06	22.8	14.51	47.82	15.6	306.69	36.27	2.32	49.63	
18/07/2024 17:20	19.45	6.35	124.77	15.25	16.76	1.1	22.59	14.51	47.82	15.6	306.69	36.46	2.4	49.15	
18/07/2024 17:25	19.45	6.35	124.77	15.25	16.56	0.97	22.73	14.51	47.82	15.6	306.69	36.01	2.11	49.43	
18/07/2024 17:30	19.45	6.35	124.77	15.25	16.35	0.96	22.25	14.5	47.82	15.6	306.69	35.52	2.08	48.32	
18/07/2024 17:35	19.45	6.35	124.77	15.25	15.68	0.94	21.18	14.48	47.82	15.6	306.69	33.94	2.03	45.85	
18/07/2024 17:40	19.45	6.35	124.77	15.25	15.73	0.98	21.18	14.48	47.82	15.6	306.69	34.07	2.11	45.87	
18/07/2024 17:45	19.45	6.35	124.77	15.25	15.88	1.07	21.15	14.48	47.82	15.6	306.69	34.39	2.32	45.82	
18/07/2024 17:50	19.45	6.35	124.77	15.25	15.78	0.97	21.18	14.48	47.82	15.6	306.69	34.19	2.09	45.89	
18/07/2024 17:55	19.45	6.35	124.77	15.25	15.73	0.99	21.35	14.48	47.82	15.6	306.69	34.09	2.14	46.26	
18/07/2024 18:00	19.45	6.35	124.77	15.25	16.22	1.16	22.12	14.5	47.82	15.6	306.69	35.22	2.52	48.03	
18/07/2024 18:05	19.45	6.35	124.77	15.25	16.45	0.98	22.72	14.51	47.82	15.6	306.69	35.79	2.14	49.42	
18/07/2024 18:10	19.45	6.35	124.77	15.25	16.68	1.14	22.75	14.51	47.82	15.6	306.69	36.27	2.49	49.48	
18/07/2024 18:15	19.45	6.35	124.77	15.25	16.8	1.25	23.04	14.51	47.82	15.6	306.69	36.57	2.72	50.16	
18/07/2024 18:20	19.45	6.35	124.77	15.25	16.69	1.17	23.27	14.51	47.82	15.6	306.69	36.33	2.54	50.66	
18/07/2024 18:25	19.45	6.35	124.77	15.25	16.68	1.17	23.03	14.51	47.82	15.6	306.69	36.32	2.55	50.12	
18/07/2024 18:30	19.45	6.35	124.77	15.25	16.49	1.04	22.84	14.51	47.82	15.6	306.69	35.87	2.27	49.71	
18/07/2024 18:35	19.45	6.35	124.77	15.25	16.78	1.25	22.93	14.52	47.82	15.6	306.69	36.55	2.73	49.94	
18/07/2024 18:40	19.45	6.35	124.77	15.25	16.71	1.18	22.79	14.52	47.82	15.6	306.69	36.38	2.57	49.63	
18/07/2024 18:45	19.45	6.35	124.77	15.25	16.72	1.24	23.06	14.52	47.82	15.6	306.69	36.42	2.71	50.22	
18/07/2024 18:50	19.45	6.35	124.77	15.25	16.58	1.19	23.16	14.52	47.82	15.6	306.69	36.11	2.6	50.45	
18/07/2024 18:55	19.45	6.35	124.77	15.25	16.64	1.23	23.04	14.52	47.82	15.6	306.69	36.24	2.69	50.2	
18/07/2024 19:00	19.45	6.35	124.77	15.25	16.66	1.23	22.85	14.52	47.82	15.6	306.69	36.27	2.68	49.77	
18/07/2024 19:05	19.45	6.35	124.77	15.25	16.65	1.22	23.17	14.51	47.82	15.6	306.69	36.25	2.66	50.44	
18/07/2024 19:10	19.45	6.35	124.77	15.25	16.62	1.23	23.13	14.51	47.82	15.6	306.69	36.15	2.67	50.32	
18/07/2024 19:15	19.45	6.35	124.77	15.25	16.66	1.24	23.37	14.51	47.82	15.6	306.69	36.26	2.7	50.85	
18/07/2024 19:20	19.45	6.35	124.77	15.25	16.6	1.29	23.43	14.52	47.82	15.6	306.69	36.15	2.81	51.02	
18/07/2024 19:25	19.45	6.35	124.77	15.25	16.41	1.14	23.23	14.51	47.82	15.6	306.69	35.71	2.48	50.56	
18/07/2024 19:30	19.45	6.35	124.77	15.25	16.4	1.17	23.3	14.52	47.82	15.6	306.69	35.71	2.55	50.75	
18/07/2024 19:35	19.45	6.35	124.77	15.25	16.52	1.3	23.18	14.52	47.82	15.6	306.69	35.99	2.83	50.5	
18/07/2024 19:40	19.45	6.35	124.77	15.25	16.48	1.15	23.18	14.52	47.82	15.6	306.69	35.9	2.51	50.48	
18/07/2024 19:45	19.45	6.35	124.77	15.25	16.62	1.31	24.1	14.52	47.82	15.6	306.69	36.21	2.85	52.51	
18/07/2024 19:50	19.45	6.35	124.77	15.25	16.58	1.27	23.91	14.52	47.82	15.6	306.69	36.11	2.77	52.08	
18/07/2024 19:55	19.45	6.35	124.77	15.25	16.7	1.33	23.85	14.52	47.82	15.6	306.69	36.37	2.89	51.96	
18/07/2024 20:00	19.45	6.35	124.77	15.25	16.63	1.3	23.75	14.52	47.82	15.6	306.69	36.23	2.83	51.73	
18/07/2024 20:05	19.45	6.35	124.77	15.25	16.66	1.32	23.56	14.52	47.82	15.6	306.69	36.3	2.88	51.31	
18/07/2024 20:10	19.45	6.35	124.77	15.25	16.6	1.29	23.4	14.52	47.82	15.6	306.69	36.15	2.82	50.95	
18/07/2024 20:15	19.45	6.35	124.77	15.25	16.56	1.24	23.1	14.52	47.82	15.6	306.69	36.07	2.7	50.33	
18/07/2024 20:20	19.45	6.35	124.77	15.25	16.4	1.07	23.19	14.51	47.82	15.6	306.69	35.69	2.34	50.47	
18/07/2024 20:25	19.45	6.35	124.77	15.25	16.8	1.4	23.29	14.52	47.82	15.6	306.69	36.6	3.06	50.75	
18/07/2024 20:30	19.45	6.35	124.77	15.25	16.58	1.23	23.45	14.51	47.82	15.6	306.69	36.09	2.69	51.05	
18/07/2024 20:35	19.45	6.35	124.77	15.25	16.54	1.24	23.49	14.52	47.82	15.6	306.69	36.03	2.7	51.16	
18/07/2024 20:40	19.45	6.35	124.77	15.25	16.62	1.3	23.49	14.52	47.82	15.6	306.69	36.2	2.83	51.17	
18/07/2024 20:45	19.45	6.35	124.77	15.25	16.63	1.28	23.59	14.52	47.82	15.6	306.69	36.22	2.79	51.38	
18/07/2024 20:50	19.45	6.35	124.77	15.25	16.42	1.18	23.65	14.51	47.82	15.6	306.69	35.74	2.57	51.47	
18/07/2024 20:55	19.45	6.35	124.77	15.25	16.55	1.29	23.74	14.52	47.82	15.6	306.69	36.04	2.81	51.7	
18/07/2024 21:00	19.45	6.35	124.77	15.25	16.56	1.25	24.02	14.52	47.82	15.6	306.69	36.07	2.73	52.29	
18/07/2024 21:05	19.45	6.35	124.77	15.25	16.6	1.34	24.09	14.52	47.82	15.6	306.69	36.17	2.91	52.48	
18/07/2024 21:10	19.45	6.35	124.77	15.25	16.45	1.35	23.9	14.52	47.82	15.6	306.69	35.82	2.94	52.05	
18/07/2024 21:15	19.45	6.35	124.77	15.25	16.17	1.16	23.96	14.52	47.82	15.6	306.69	35.21	2.53	52.18	
18/07/2024 21:20	19.45	6.35	124.77	15.25	16.65	1.37	24	14.52	47.82	15.6	306.69	36.27	2.98	52.29	
18/07/2024 21:25	19.45	6.35	124.77	15.25	16.38	1.24	23.98	14.52	47.82	15.6	306.69	35.66	2.7	52.22	
18/07/2024 21:30	19.45	6.35	124.77	15.25	16.54	1.39	24.3	14.52	47.82	15.6	306.69	36.03	3.03	52.92	
18/07/2024 21:35	19.45	6.35	124.77	15.25	16.36	1.32	24.27	14.52	47.82	15.6	306.69	35.62	2.88	52.87	
18/07/2024 21:40	19.45	6.35	124.77	15.25	16.35	1.2	24.58	14.52	47.82	15.6	306.69	35.61	2.61	53.53	
18/07/2024 21:45	19.45	6.35	124.77	15.25	16.59	1.45	24.43	14.52	47.82	15.6	306.69	36.14	3.16	53.24	
18/07/2024 21:50	19.45	6.35	124.77	15.25	16.22	1.12	24.4	14.52	47.82	15.6	306.69	35.33	2.44	53.14	
18/07/2024 21:55	19.45	6.35	124.77	15.25	16.66	1.46	24.39	14.52	47.82	15.6	306.69	36.31	3.18	53.16	
18/07/2024 22:00	19.45	6.35	124.77	15.25	16.64	1.42	24.07	14.52	47.82	15.6	306.69	36.25	3.08	52.44	
18/07/2024 22:05	19.45	6.35	124.77	15.25	16.66	1.47	23.93	14.52	47.82	15.6	306.69	36.3	3.21	52.13	
18/07/2024 22:10	19.45	6.35	124.77	15.25	16.63	1.41	23.78	14.52	47.82	15.6	306.69	36.23	3.07	51.81	
18/07/2024 22:15	19.45	6.35	124.77	15.25	16.56	1.39	23.69	14.52	47.82	15.6	306.69	36.06	3.03	51.59	
18/07/2024 22:20	19.45	6.35	124.77	15.25	16.49	1.4	24.08	14.52	47.82	15.6	306.69	35.93	3.06	52.44	
18/07/2024 22:25	19.45	6.35	124.77	15.25	16.6	1.48	24.59	14.52	47.82	15.6	306.69	36.17	3.23	53.6	
18/07/2024 22:30	19.45	6.35	124.77	15.25	16.46	1.39	23.8	14.52	47.82	15.6	306.69	35.86	3.02	51.85	
18/07/2024 22:35	19.45	6.35	124.77	15.25	16.61	1.44	23.82	14.52	47.82	15.6	306.69	36.18	3.13	51.89	
18/07/2024 22:40	19.45	6.35	124.77	15.25											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/07/2024 00:15	19.45	6.35	124.77	15.25	16.43	1.43	24.3	14.52	47.82	15.6	306.69	35.78	3.11	52.92	
19/07/2024 00:20	19.45	6.35	124.77	15.25	16.48	1.46	24.3	14.52	47.82	15.6	306.69	35.9	3.17	52.94	
19/07/2024 00:25	19.45	6.35	124.77	15.25	16.44	1.44	24.13	14.52	47.82	15.6	306.69	35.8	3.13	52.55	
19/07/2024 00:30	19.45	6.35	124.77	15.25	16.51	1.44	24.02	14.52	47.82	15.6	306.69	35.94	3.13	52.31	
19/07/2024 00:35	19.45	6.35	124.77	15.25	16.5	1.47	24.23	14.52	47.82	15.6	306.69	35.93	3.2	52.77	
19/07/2024 00:40	19.45	6.35	124.77	15.25	16.39	1.4	24.26	14.52	47.82	15.6	306.69	35.71	3.06	52.86	
19/07/2024 00:45	19.45	6.35	124.77	15.25	16.4	1.37	24.23	14.52	47.82	15.6	306.69	35.72	2.97	52.76	
19/07/2024 00:50	19.45	6.35	124.77	15.25	16.59	1.46	24.27	14.52	47.82	15.6	306.69	36.14	3.19	52.89	
19/07/2024 00:55	19.45	6.35	124.77	15.25	16.41	1.44	24.05	14.52	47.82	15.6	306.69	35.76	3.13	52.39	
19/07/2024 01:00	19.45	6.35	124.77	15.25	16.48	1.47	24.24	14.52	47.82	15.6	306.69	35.91	3.2	52.84	
19/07/2024 01:05	19.45	6.35	124.77	15.25	16.49	1.38	23.86	14.52	47.82	15.6	306.69	35.91	3	51.96	
19/07/2024 01:10	19.45	6.35	124.77	15.25	16.35	1.34	23.76	14.52	47.82	15.6	306.69	35.61	2.93	51.76	
19/07/2024 01:15	19.45	6.35	124.77	15.25	16.36	1.29	24.16	14.52	47.82	15.6	306.69	35.63	2.81	52.61	
19/07/2024 01:20	19.45	6.35	124.77	15.25	16.57	1.38	24.18	14.52	47.82	15.6	306.69	36.1	3.01	52.69	
19/07/2024 01:25	19.45	6.35	124.77	15.25	16.53	1.39	24.01	14.52	47.82	15.6	306.69	36	3.03	52.29	
19/07/2024 01:30	19.45	6.35	124.77	15.25	16.56	1.43	24.36	14.52	47.82	15.6	306.69	36.1	3.11	53.09	
19/07/2024 01:35	19.45	6.35	124.77	15.25	16.45	1.38	24.11	14.51	47.82	15.6	306.69	35.81	3.01	52.48	
19/07/2024 01:40	19.45	6.35	124.77	15.25	16.52	1.41	23.93	14.51	47.82	15.6	306.69	35.96	3.07	52.08	
19/07/2024 01:45	19.45	6.35	124.77	15.25	16.54	1.46	23.99	14.51	47.82	15.6	306.69	35.99	3.18	52.21	
19/07/2024 01:50	19.45	6.35	124.77	15.25	16.46	1.39	24.5	14.51	47.82	15.6	306.69	35.82	3.03	53.33	
19/07/2024 01:55	19.45	6.35	124.77	15.25	16.41	1.37	24.19	14.51	47.82	15.6	306.69	35.68	2.98	52.59	
19/07/2024 02:00	19.45	6.35	124.77	15.25	16.4	1.45	24.56	14.51	47.82	15.6	306.69	35.68	3.15	53.43	
19/07/2024 02:05	19.45	6.35	124.77	15.25	16.49	1.46	24.59	14.51	47.82	15.6	306.69	35.87	3.18	53.48	
19/07/2024 02:10	19.45	6.35	124.77	15.25	16.51	1.51	24.43	14.51	47.82	15.6	306.69	35.94	3.3	53.17	
19/07/2024 02:15	19.45	6.35	124.77	15.25	16.39	1.47	24.17	14.51	47.82	15.6	306.69	35.65	3.21	52.57	
19/07/2024 02:20	19.45	6.35	124.77	15.25	16.5	1.55	24.02	14.51	47.82	15.6	306.69	35.87	3.38	52.24	
19/07/2024 02:25	19.45	6.35	124.77	15.25	16.49	1.52	24.21	14.51	47.82	15.6	306.69	35.86	3.31	52.66	
19/07/2024 02:30	19.45	6.35	124.77	15.25	16.37	1.55	24.06	14.51	47.82	15.6	306.69	35.61	3.38	52.34	
19/07/2024 02:35	19.45	6.35	124.77	15.25	16.4	1.53	24.2	14.51	47.82	15.6	306.69	35.7	3.32	52.66	
19/07/2024 02:40	19.45	6.35	124.77	15.25	16.42	1.55	24.35	14.51	47.82	15.6	306.69	35.73	3.36	52.97	
19/07/2024 02:45	19.45	6.35	124.77	15.25	16.38	1.53	24.16	14.51	47.82	15.6	306.69	35.66	3.32	52.58	
19/07/2024 02:50	19.45	6.35	124.77	15.25	16.44	1.52	24.01	14.51	47.82	15.6	306.69	35.75	3.31	52.21	
19/07/2024 02:55	19.45	6.35	124.77	15.25	16.42	1.57	24.12	14.51	47.82	15.6	306.69	35.74	3.41	52.48	
19/07/2024 03:00	19.45	6.35	124.77	15.25	16.38	1.51	24.11	14.51	47.82	15.6	306.69	35.63	3.28	52.43	
19/07/2024 03:05	19.45	6.35	124.77	15.25	16.46	1.58	24	14.51	47.82	15.6	306.69	35.82	3.43	52.22	
19/07/2024 03:10	19.45	6.35	124.77	15.25	16.36	1.52	23.98	14.51	47.82	15.6	306.69	35.58	3.3	52.15	
19/07/2024 03:15	19.45	6.35	124.77	15.25	16.43	1.58	23.92	14.51	47.82	15.6	306.69	35.76	3.45	52.04	
19/07/2024 03:20	19.45	6.35	124.77	15.25	16.5	1.56	23.91	14.52	47.82	15.6	306.69	35.94	3.4	52.05	
19/07/2024 03:25	19.45	6.35	124.77	15.25	16.36	1.56	23.84	14.51	47.82	15.6	306.69	35.62	3.41	51.89	
19/07/2024 03:30	19.45	6.35	124.77	15.25	16.49	1.57	24.08	14.52	47.82	15.6	306.69	35.94	3.43	52.47	
19/07/2024 03:35	19.45	6.35	124.77	15.25	16.42	1.58	23.81	14.52	47.82	15.6	306.69	35.75	3.45	51.85	
19/07/2024 03:40	19.45	6.35	124.77	15.25	16.41	1.63	24.17	14.52	47.82	15.6	306.69	35.77	3.54	52.67	
19/07/2024 03:45	19.45	6.35	124.77	15.25	16.44	1.6	24.03	14.52	47.82	15.6	306.69	35.83	3.49	52.36	
19/07/2024 03:50	19.45	6.35	124.77	15.25	16.37	1.56	23.84	14.52	47.82	15.6	306.69	35.69	3.41	51.97	
19/07/2024 03:55	19.45	6.35	124.77	15.25	16.38	1.55	23.73	14.52	47.82	15.6	306.69	35.68	3.38	51.7	
19/07/2024 04:00	19.45	6.35	124.77	15.25	16.45	1.58	24.01	14.53	47.82	15.6	306.69	35.87	3.44	52.35	
19/07/2024 04:05	19.45	6.35	124.77	15.25	16.41	1.57	24.11	14.52	47.82	15.6	306.69	35.76	3.42	52.56	
19/07/2024 04:10	19.45	6.35	124.77	15.25	16.49	1.61	23.87	14.52	47.82	15.6	306.69	35.94	3.52	52.04	
19/07/2024 04:15	19.45	6.35	124.77	15.25	16.36	1.54	23.94	14.52	47.82	15.6	306.69	35.64	3.36	52.14	
19/07/2024 04:20	19.45	6.35	124.77	15.25	16.48	1.63	24.09	14.52	47.82	15.6	306.69	35.91	3.56	52.49	
19/07/2024 04:25	19.45	6.35	124.77	15.25	16.33	1.5	23.77	14.51	47.82	15.6	306.69	35.55	3.27	51.74	
19/07/2024 04:30	19.45	6.35	124.77	15.25	16.43	1.57	23.56	14.52	47.82	15.6	306.69	35.77	3.42	51.3	
19/07/2024 04:35	19.45	6.35	124.77	15.25	16.3	1.55	23.46	14.52	47.82	15.6	306.69	35.49	3.38	51.08	
19/07/2024 04:40	19.45	6.35	124.77	15.25	16.38	1.59	23.85	14.51	47.82	15.6	306.69	35.65	3.46	51.91	
19/07/2024 04:45	19.45	6.35	124.77	15.25	16.39	1.58	23.94	14.52	47.82	15.6	306.69	35.7	3.44	52.15	
19/07/2024 04:50	19.45	6.35	124.77	15.25	16.38	1.57	24.07	14.51	47.82	15.6	306.69	35.65	3.43	52.4	
19/07/2024 04:55	19.45	6.35	124.77	15.25	16.36	1.57	23.82	14.52	47.82	15.6	306.69	35.63	3.41	51.86	
19/07/2024 05:00	19.45	6.35	124.77	15.25	16.37	1.57	23.88	14.51	47.82	15.6	306.69	35.63	3.41	51.98	
19/07/2024 05:05	19.45	6.35	124.77	15.25	16.33	1.59	23.64	14.51	47.82	15.6	306.69	35.54	3.46	51.45	
19/07/2024 05:10	19.45	6.35	124.77	15.25	16.39	1.55	23.64	14.52	47.82	15.6	306.69	35.69	3.37	51.49	
19/07/2024 05:15	19.45	6.35	124.77	15.25	16.51	1.59	23.58	14.52	47.82	15.6	306.69	35.97	3.47	51.37	
19/07/2024 05:20	19.45	6.35	124.77	15.25	16.4	1.52	23.59	14.52	47.82	15.6	306.69	35.73	3.32	51.39	
19/07/2024 05:25	19.45	6.35	124.77	15.25	16.47	1.58	23.3	14.52	47.82	15.6	306.69	35.86	3.45	50.72	
19/07/2024 05:30	19.45	6.35	124.77	15.25	16.4	1.53	23.31	14.52	47.82	15.6	306.69	35.72	3.34	50.76	
19/07/2024 05:35	19.45	6.35	124.77	15.25	16.43	1.57	23.4	14.51	47.82	15.6	306.69	35.77	3.42	50.93	
19/07/2024 05:40	19.45	6.35	124.77	15.25	16.52	1.58	23.89	14.52	47.82	15.6	306.69	35.96	3.45	52.01	
19/07/2024 05:45	19.45	6.35	124.77	15.25	16.48	1.57	23.78	14.51	47.82	15.6	306.69	35.84	3.42	51.74	
19/07/2024 05:50	19.45	6.35	124.77	15.25	16.45	1.57	24.13	14.51	47.82	15.6	306.69	35.79	3.42	52.51	
19/07/2024 05:55	19.45	6.35	124.77	15.25	16.42	1.53	23.63	14.51	47.82	15.6	306.69	35.7	3.34	51.38	
19/07/2024 06:00	19.45	6.35	124.77	15.25	16.42	1.54	23.62	14.51	47.82	15.6	306.69	35.72	3.35	51.4	
19/07/2024 06:05	19.45	6.35	124.77	15.25	16.34	1.52	23.62	14.51	47.82	15.6	306.69	35.53	3.3	51.37	
19/07/2024 06:10	19.45	6.35	124.77	15.25	16.33	1.59	23.99	14.51	47.82	15.6	306.69	35.54	3.46	52.21	
19/07/2024 06:15	19.45	6.35</													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/07/2024 07:50	19.45	6.35	124.77	15.25	16.11	1.31	24.05	14.51	47.82	15.6	306.69	35.07	2.86	52.34	
19/07/2024 07:55	19.45	6.35	124.77	15.25	16.34	1.4	23.96	14.51	47.82	15.6	306.69	35.55	3.05	52.13	
19/07/2024 08:00	19.45	6.35	124.77	15.25	16.37	1.37	23.95	14.51	47.82	15.6	306.69	35.63	2.99	52.12	
19/07/2024 08:05	19.45	6.35	124.77	15.25	16.39	1.41	24.23	14.51	47.82	15.6	306.69	35.67	3.07	52.71	
19/07/2024 08:10	19.45	6.35	124.77	15.25	16.39	1.35	23.84	14.51	47.82	15.6	306.69	35.65	2.93	51.85	
19/07/2024 08:15	19.45	6.35	124.77	15.25	16.43	1.42	24.04	14.51	47.82	15.6	306.69	35.75	3.09	52.31	
19/07/2024 08:20	19.45	6.35	124.77	15.25	16.42	1.35	24.27	14.51	47.82	15.6	306.69	35.71	2.95	52.79	
19/07/2024 08:25	19.45	6.35	124.77	15.25	16.48	1.44	24.18	14.51	47.82	15.6	306.69	35.85	3.13	52.59	
19/07/2024 08:30	19.45	6.35	124.77	15.25	16.39	1.26	23.9	14.51	47.82	15.6	306.69	35.65	2.73	51.98	
19/07/2024 08:35	19.45	6.35	124.77	15.25	16.47	1.36	24.39	14.51	47.82	15.6	306.69	35.83	2.95	53.04	
19/07/2024 08:40	19.45	6.35	124.77	15.25	16.56	1.34	24.29	14.51	47.82	15.6	306.69	36.02	2.91	52.84	
19/07/2024 08:45	19.45	6.35	124.77	15.25	16.55	1.38	24.27	14.51	47.82	15.6	306.69	35.99	3	52.79	
19/07/2024 08:50	19.45	6.35	124.77	15.25	16.53	1.37	24.37	14.51	47.82	15.6	306.69	35.94	2.97	53	
19/07/2024 08:55	19.45	6.35	124.77	15.25	16.52	1.35	24.4	14.51	47.82	15.6	306.69	35.91	2.93	53.04	
19/07/2024 09:00	19.45	6.35	124.77	15.25	16.43	1.31	24.42	14.51	47.82	15.6	306.69	35.72	2.85	53.08	
19/07/2024 09:05	19.45	6.35	124.77	15.25	16.29	1.29	24.08	14.5	47.82	15.6	306.69	35.39	2.8	52.32	
19/07/2024 09:10	19.45	6.35	124.77	15.25	16.37	1.23	23.95	14.51	47.82	15.6	306.69	35.58	2.68	52.07	
19/07/2024 09:15	19.45	6.35	124.77	15.25	16.44	1.35	24.49	14.51	47.82	15.6	306.69	35.75	2.93	53.24	
19/07/2024 09:20	19.45	6.35	124.77	15.25	16.39	1.28	24.49	14.51	47.82	15.6	306.69	35.64	2.79	53.24	
19/07/2024 09:25	19.45	6.35	124.77	15.25	16.37	1.23	24.29	14.51	47.82	15.6	306.69	35.57	2.68	52.8	
19/07/2024 09:30	19.45	6.35	124.77	15.25	16.36	1.27	24.01	14.51	47.82	15.6	306.69	35.56	2.76	52.2	
19/07/2024 09:35	19.45	6.35	124.77	15.25	16.47	1.25	23.99	14.51	47.82	15.6	306.69	35.81	2.71	52.15	
19/07/2024 09:40	19.45	6.35	124.77	15.25	16.53	1.25	23.9	14.5	47.82	15.6	306.69	35.92	2.72	51.95	
19/07/2024 09:45	19.45	6.35	124.77	15.25	16.52	1.18	23.83	14.5	47.82	15.6	306.69	35.88	2.56	51.75	
19/07/2024 09:50	19.45	6.35	124.77	15.25	16.69	1.31	23.77	14.5	47.82	15.6	306.69	36.27	2.85	51.64	
19/07/2024 09:55	19.45	6.35	124.77	15.25	16.49	1.09	24.02	14.5	47.82	15.6	306.69	35.8	2.37	52.16	
19/07/2024 10:00	19.45	6.35	124.77	15.25	16.53	1.15	24	14.5	47.82	15.6	306.69	35.91	2.49	52.13	
19/07/2024 10:05	19.45	6.35	124.77	15.25	16.43	1.11	23.88	14.49	47.82	15.6	306.69	35.66	2.41	51.82	
19/07/2024 10:10	19.45	6.35	124.77	15.25	16.39	1.02	23.73	14.49	47.82	15.6	306.69	35.56	2.21	51.48	
19/07/2024 10:15	19.45	6.35	124.77	15.25	16.62	1.23	23.54	14.49	47.82	15.6	306.69	36.05	2.68	51.07	
19/07/2024 10:20	19.45	6.35	124.77	15.25	16.52	1.06	23.75	14.49	47.82	15.6	306.69	35.83	2.3	51.51	
19/07/2024 10:25	19.45	6.35	124.77	15.25	16.55	1.16	23.71	14.49	47.82	15.6	306.69	35.89	2.51	51.43	
19/07/2024 10:30	19.45	6.35	124.77	15.25	16.63	1.16	23.59	14.49	47.82	15.6	306.69	36.09	2.52	51.19	
19/07/2024 10:35	19.45	6.35	124.77	15.25	16.45	1.02	23.16	14.49	47.82	15.6	306.69	35.67	2.21	50.21	
19/07/2024 10:40	19.45	6.35	124.77	15.25	16.51	1.11	23.28	14.49	47.82	15.6	306.69	35.81	2.4	50.47	
19/07/2024 10:45	19.45	6.35	124.77	15.25	16.53	1.15	23.36	14.49	47.82	15.6	306.69	35.86	2.49	50.65	
19/07/2024 10:50	19.45	6.35	124.77	15.25	16.6	1.09	23.36	14.49	47.82	15.6	306.69	35.97	2.36	50.64	
19/07/2024 10:55	19.45	6.35	124.77	15.25	16.72	1.25	23.53	14.49	47.82	15.6	306.69	36.24	2.7	51	
19/07/2024 11:00	19.45	6.35	124.77	15.25	16.51	0.99	23.55	14.49	47.82	15.6	306.69	35.79	2.14	51.04	
19/07/2024 11:05	19.45	6.35	124.77	15.25	16.47	1.1	23.51	14.49	47.82	15.6	306.69	35.69	2.39	50.95	
19/07/2024 11:10	19.45	6.35	124.77	15.25	16.5	1.02	23.73	14.48	47.82	15.6	306.69	35.74	2.21	51.4	
19/07/2024 11:15	19.45	6.35	124.77	15.25	16.69	1.19	23.58	14.48	47.82	15.6	306.69	36.16	2.57	51.09	
19/07/2024 11:20	19.45	6.35	124.77	15.25	16.46	1.02	23.96	14.48	47.82	15.6	306.69	35.65	2.21	51.88	
19/07/2024 11:25	19.45	6.35	124.77	15.25	16.5	1.15	24.25	14.48	47.82	15.6	306.69	35.73	2.49	52.53	
19/07/2024 11:30	19.45	6.35	124.77	15.25	16.56	1.12	23.81	14.48	47.82	15.6	306.69	35.87	2.42	51.58	
19/07/2024 11:35	19.45	6.35	124.77	15.25	16.65	1.18	23.68	14.48	47.82	15.6	306.69	36.07	2.55	51.3	
19/07/2024 11:40	19.45	6.35	124.77	15.25	16.63	1.17	23.52	14.48	47.82	15.6	306.69	36.03	2.53	50.94	
19/07/2024 11:45	19.45	6.35	124.77	15.25	16.57	1.13	23.87	14.48	47.82	15.6	306.69	35.89	2.45	51.7	
19/07/2024 11:50	19.45	6.35	124.77	15.25	16.51	1.02	23.25	14.48	47.82	15.6	306.69	35.76	2.22	50.35	
19/07/2024 11:55	19.45	6.35	124.77	15.25	16.59	1.2	23.74	14.49	47.82	15.6	306.69	35.94	2.59	51.44	
19/07/2024 12:00	19.45	6.35	124.77	15.25	16.74	1.26	23.98	14.49	47.82	15.6	306.69	36.29	2.72	51.97	
19/07/2024 12:05	19.45	6.35	124.77	15.25	16.57	1.13	23.53	14.48	47.82	15.6	306.69	35.89	2.44	50.96	
19/07/2024 12:10	19.45	6.35	124.77	15.25	16.56	1.04	23.43	14.48	47.82	15.6	306.69	35.85	2.25	50.72	
19/07/2024 12:15	19.45	6.35	124.77	15.25	16.63	1.17	23.12	14.48	47.82	15.6	306.69	36.01	2.54	50.07	
19/07/2024 12:20	19.45	6.35	124.77	15.25	16.48	1.2	23.72	14.48	47.82	15.6	306.69	35.68	2.59	51.35	
19/07/2024 12:25	19.45	6.35	124.77	15.25	16.56	1.15	23.6	14.48	47.82	15.6	306.69	35.87	2.49	51.12	
19/07/2024 12:30	19.45	6.35	124.77	15.25	16.57	1.22	23.74	14.48	47.82	15.6	306.69	35.89	2.64	51.43	
19/07/2024 12:35	19.45	6.35	124.77	15.25	16.64	1.15	23.5	14.48	47.82	15.6	306.69	36.05	2.5	50.9	
19/07/2024 12:40	19.45	6.35	124.77	15.25	16.57	1.22	23.35	14.48	47.82	15.6	306.69	35.9	2.65	50.57	
19/07/2024 12:45	19.45	6.35	124.77	15.25	16.54	1.22	23.88	14.48	47.82	15.6	306.69	35.82	2.65	51.72	
19/07/2024 12:50	19.45	6.35	124.77	15.25	16.59	1.25	23.7	14.48	47.82	15.6	306.69	35.94	2.71	51.32	
19/07/2024 12:55	19.45	6.35	124.77	15.25	16.54	1.18	23.68	14.48	47.82	15.6	306.69	35.82	2.56	51.28	
19/07/2024 13:00	19.45	6.35	124.77	15.25	16.58	1.23	23.5	14.48	47.82	15.6	306.69	35.88	2.67	50.87	
19/07/2024 13:05	19.45	6.35	124.77	15.25	16.59	1.26	23.9	14.48	47.82	15.6	306.69	35.93	2.74	51.76	
19/07/2024 13:10	19.45	6.35	124.77	15.25	16.38	1.09	23.82	14.48	47.82	15.6	306.69	35.45	2.37	51.56	
19/07/2024 13:15	19.45	6.35	124.77	15.25	16.58	1.28	24.18	14.48	47.82	15.6	306.69	35.93	2.77	52.39	
19/07/2024 13:20	19.45	6.35	124.77	15.25	16.58	1.25	23.84	14.48	47.82	15.6	306.69	35.92	2.72	51.64	
19/07/2024 13:25	19.45	6.35	124.77	15.25	16.39	1.13	23.82	14.48	47.82	15.6	306.69	35.5	2.45	51.59	
19/07/2024 13:30	19.45	6.35	124.77	15.25	16.44	1.2	23.72	14.48	47.82	15.6	306.69	35.6	2.6	51.38	
19/07/2024 13:35	19.45	6.35	124.77	15.25	16.41	1.22	24.15	14.48	47.82	15.6	306.69	35.57	2.64	52.32	
19/07/2024 13:40	19.45	6.35	124.77	15.25	16.47	1.09	23.47	14.49	47.82	15.6	306.69	35.69	2.37	50.87	
19/07/2024 13:45	19.45	6.35	124.77	15.25	16.55	1.08	23.5	14.48	47.82	15.6	306.69	35.85	2.33	50.89	
19/07/2024 13:50	19.45	6.35	124.77	15.25	16										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/07/2024 15:25	19.45	6.35	124.77	15.25	16.74	1.03	23.74	14.46	47.82	15.6	306.69	36.16	2.23	51.27	
19/07/2024 15:30	19.45	6.35	124.77	15.25	16.81	1.2	23.63	14.47	47.82	15.6	306.69	36.32	2.58	51.06	
19/07/2024 15:35	19.45	6.35	124.77	15.25	16.44	0.8	23.95	14.46	47.82	15.6	306.69	35.49	1.74	51.71	
19/07/2024 15:40	19.45	6.35	124.77	15.25	16.5	0.79	23.3	14.46	47.82	15.6	306.69	35.61	1.71	50.28	
19/07/2024 15:45	19.45	6.35	124.77	15.25	16.64	0.85	23.56	14.46	47.82	15.6	306.69	35.92	1.85	50.88	
19/07/2024 15:50	19.45	6.35	124.77	15.25	16.73	0.99	23.86	14.46	47.82	15.6	306.69	36.13	2.15	51.53	
19/07/2024 15:55	19.45	6.35	124.77	15.25	16.51	0.82	23.56	14.46	47.82	15.6	306.69	35.65	1.76	50.86	
19/07/2024 16:00	19.45	6.35	124.77	15.25	16.66	0.9	23.41	14.46	47.82	15.6	306.69	35.96	1.94	50.52	
19/07/2024 16:05	19.45	6.35	124.77	15.25	16.64	0.93	23.92	14.46	47.82	15.6	306.69	35.9	2	51.61	
19/07/2024 16:10	19.45	6.35	124.77	15.25	16.65	0.96	24.18	14.46	47.82	15.6	306.69	35.93	2.08	52.2	
19/07/2024 16:15	19.45	6.35	124.77	15.25	16.36	0.82	24.09	14.46	47.82	15.6	306.69	35.29	1.78	51.97	
19/07/2024 16:20	19.45	6.35	124.77	15.25	16.6	1.07	24.02	14.46	47.82	15.6	306.69	35.83	2.32	51.84	
19/07/2024 16:25	19.45	6.35	124.77	15.25	16.47	0.96	24.17	14.46	47.82	15.6	306.69	35.54	2.08	52.16	
19/07/2024 16:30	19.45	6.35	124.77	15.25	16.65	1.11	24.02	14.46	47.82	15.6	306.69	35.93	2.39	51.83	
19/07/2024 16:35	19.45	6.35	124.77	15.25	16.48	0.85	23.77	14.45	47.82	15.6	306.69	35.53	1.83	51.26	
19/07/2024 16:40	19.45	6.35	124.77	15.25	16.54	0.97	23.66	14.46	47.82	15.6	306.69	35.7	2.09	51.05	
19/07/2024 16:45	19.45	6.35	124.77	15.25	16.45	0.78	23.28	14.46	47.82	15.6	306.69	35.5	1.69	50.23	
19/07/2024 16:50	19.45	6.35	124.77	15.25	16.79	1.04	23.67	14.45	47.82	15.6	306.69	36.2	2.24	51.03	
19/07/2024 16:55	19.45	6.35	124.77	15.25	16.64	0.93	23.33	14.45	47.82	15.6	306.69	35.85	2	50.24	
19/07/2024 17:00	19.45	6.35	124.77	15.25	16.74	0.94	23.64	14.44	47.82	15.6	306.69	36.04	2.03	50.9	
19/07/2024 17:05	19.45	6.35	124.77	15.25	16.77	1.02	23.64	14.44	47.82	15.6	306.69	36.09	2.19	50.88	
19/07/2024 17:10	19.45	6.35	124.77	15.25	16.87	1.13	23.37	14.44	47.82	15.6	306.69	36.3	2.43	50.28	
19/07/2024 17:15	19.45	6.35	124.77	15.25	16.57	0.9	23.51	14.44	47.82	15.6	306.69	35.64	1.95	50.57	
19/07/2024 17:20	19.45	6.35	124.77	15.25	16.67	1.05	23.47	14.44	47.82	15.6	306.69	35.87	2.26	50.49	
19/07/2024 17:25	19.45	6.35	124.77	15.25	15.87	0.9	23.08	14.42	47.82	15.6	306.69	34.04	1.92	49.49	
19/07/2024 17:30	19.45	6.35	124.77	15.25	15.61	0.99	22.57	14.41	47.82	15.6	306.69	33.45	2.13	48.37	
19/07/2024 17:35	19.45	6.35	124.77	15.25	15.53	0.94	22.71	14.41	47.82	15.6	306.69	33.26	2	48.63	
19/07/2024 17:40	19.45	6.35	124.77	15.25	15.69	0.98	22.76	14.41	47.82	15.6	306.69	33.6	2.1	48.75	
19/07/2024 17:45	19.45	6.35	124.77	15.25	15.77	1.18	22.8	14.41	47.82	15.6	306.69	33.8	2.52	48.86	
19/07/2024 17:50	19.45	6.35	124.77	15.25	15.93	1.04	22.43	14.42	47.82	15.6	306.69	34.15	2.22	48.08	
19/07/2024 17:55	19.45	6.35	124.77	15.25	16.4	1.03	23.94	14.44	47.82	15.6	306.69	35.28	2.21	51.5	
19/07/2024 18:00	19.45	6.35	124.77	15.25	16.53	1.06	23.87	14.44	47.82	15.6	306.69	35.57	2.28	51.37	
19/07/2024 18:05	19.45	6.35	124.77	15.25	16.82	1.34	24.58	14.45	47.82	15.6	306.69	36.23	2.88	52.95	
19/07/2024 18:10	19.45	6.35	124.77	15.25	16.4	0.98	24.08	14.44	47.82	15.6	306.69	35.31	2.12	51.85	
19/07/2024 18:15	19.45	6.35	124.77	15.25	16.57	1.08	23.6	14.45	47.82	15.6	306.69	35.68	2.32	50.82	
19/07/2024 18:20	19.45	6.35	124.77	15.25	16.42	1.05	23.33	14.45	47.82	15.6	306.69	35.35	2.26	50.23	
19/07/2024 18:25	19.45	6.35	124.77	15.25	16.45	1.07	23.24	14.45	47.82	15.6	306.69	35.43	2.29	50.05	
19/07/2024 18:30	19.45	6.35	124.77	15.25	16.56	1.14	23.34	14.45	47.82	15.6	306.69	35.66	2.45	50.28	
19/07/2024 18:35	19.45	6.35	124.77	15.25	16.77	1.28	23.28	14.45	47.82	15.6	306.69	36.12	2.75	50.13	
19/07/2024 18:40	19.45	6.35	124.77	15.25	16.46	1.03	23.27	14.44	47.82	15.6	306.69	35.45	2.23	50.1	
19/07/2024 18:45	19.45	6.35	124.77	15.25	16.62	1.18	23.43	14.45	47.82	15.6	306.69	35.78	2.53	50.45	
19/07/2024 18:50	19.45	6.35	124.77	15.25	16.5	1.27	23.66	14.45	47.82	15.6	306.69	35.55	2.74	50.98	
19/07/2024 18:55	19.45	6.35	124.77	15.25	16.27	1.19	22.71	14.45	47.82	15.6	306.69	35.04	2.57	48.92	
19/07/2024 19:00	19.45	6.35	124.77	15.25	15.93	1.13	25.52	14.45	47.82	15.6	306.69	34.32	2.43	54.97	
19/07/2024 19:05	19.45	6.35	124.77	15.25	16.25	1.29	26.07	14.45	47.82	15.6	306.69	35.01	2.78	56.17	
19/07/2024 19:10	19.45	6.35	124.77	15.25	16.35	1.27	23.3	14.45	47.82	15.6	306.69	35.23	2.73	50.22	
19/07/2024 19:15	19.45	6.35	124.77	15.25	16.38	1.27	23.49	14.45	47.82	15.6	306.69	35.31	2.75	50.62	
19/07/2024 19:20	19.45	6.35	124.77	15.25	16.23	1.09	23.05	14.45	47.82	15.6	306.69	34.98	2.34	49.68	
19/07/2024 19:25	19.45	6.35	124.77	15.25	16.49	1.32	23.25	14.45	47.82	15.6	306.69	35.55	2.85	50.14	
19/07/2024 19:30	19.45	6.35	124.77	15.25	16.38	1.2	23.37	14.45	47.82	15.6	306.69	35.32	2.6	50.37	
19/07/2024 19:35	19.45	6.35	124.77	15.25	16.53	1.33	23.15	14.45	47.82	15.6	306.69	35.62	2.86	49.89	
19/07/2024 19:40	19.45	6.35	124.77	15.25	16.22	1.17	23.11	14.45	47.82	15.6	306.69	34.95	2.53	49.81	
19/07/2024 19:45	19.45	6.35	124.77	15.25	16.4	1.35	23.4	14.45	47.82	15.6	306.69	35.36	2.92	50.44	
19/07/2024 19:50	19.45	6.35	124.77	15.25	16.38	1.33	23.25	14.45	47.82	15.6	306.69	35.31	2.86	50.11	
19/07/2024 19:55	19.45	6.35	124.77	15.25	16.48	1.38	23.32	14.45	47.82	15.6	306.69	35.53	2.98	50.27	
19/07/2024 20:00	19.45	6.35	124.77	15.25	16.32	1.27	23.44	14.45	47.82	15.6	306.69	35.17	2.74	50.51	
19/07/2024 20:05	19.45	6.35	124.77	15.25	16.36	1.32	23.61	14.45	47.82	15.6	306.69	35.26	2.85	50.88	
19/07/2024 20:10	19.45	6.35	124.77	15.25	16.42	1.34	23.73	14.45	47.82	15.6	306.69	35.38	2.89	51.13	
19/07/2024 20:15	19.45	6.35	124.77	15.25	16.38	1.33	23.78	14.45	47.82	15.6	306.69	35.3	2.87	51.26	
19/07/2024 20:20	19.45	6.35	124.77	15.25	16.34	1.42	23.85	14.45	47.82	15.6	306.69	35.24	3.06	51.44	
19/07/2024 20:25	19.45	6.35	124.77	15.25	16.18	1.22	25.01	14.44	47.82	15.6	306.69	34.84	2.62	53.85	
19/07/2024 20:30	19.45	6.35	124.77	15.25	16.21	1.53	27.81	14.44	47.82	15.6	306.69	34.89	3.29	59.86	
19/07/2024 20:35	19.45	6.35	124.77	15.25	15.97	1.41	28.02	14.44	47.82	15.6	306.69	34.37	3.04	60.31	
19/07/2024 20:40	19.45	6.35	124.77	15.25	16	1.5	28.02	14.44	47.82	15.6	306.69	34.45	3.22	60.33	
19/07/2024 20:45	19.45	6.35	124.77	15.25	16.1	1.45	27.83	14.44	47.82	15.6	306.69	34.65	3.13	59.9	
19/07/2024 20:50	19.45	6.35	124.77	15.25	16.09	1.53	27.98	14.45	47.82	15.6	306.69	34.66	3.29	60.27	
19/07/2024 20:55	19.45	6.35	124.77	15.25	16.07	1.48	27.94	14.45	47.82	15.6	306.69	34.62	3.18	60.18	
19/07/2024 21:00	19.45	6.35	124.77	15.25	16	1.47	28.06	14.45	47.82	15.6	306.69	34.47	3.16	60.45	
19/07/2024 21:05	19.45	6.35	124.77	15.25	15.97	1.49	28.06	14.44	47.82	15.6	306.69	34.39	3.2	60.42	
19/07/2024 21:10	19.45	6.35	124.77	15.25	16.01	1.49	28.19	14.44	47.82	15.6	306.69	34.48	3.21	60.69	
19/07/2024 21:15	19.45	6.35	124.77	15.25	16.03	1.47	27.3	14.44	47.82	15.6	306.69	34.51	3.15	58.78	
19/07/2024 21:20	19.45	6.35	124.77	15.25	16	1.36	27.75	14.44	47.82	15.6	306.69	34.42	2.92	59.72	
19/07/2024 21:25	19.45	6.35	124.77	15.25	15.96										



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/07/2024 23:00	19.45	6.35	124.77	15.25	16.01	1.57	28.95	14.44	47.82	15.6	306.69	34.48	3.38	62.33	
19/07/2024 23:05	19.45	6.35	124.77	15.25	15.87	1.54	28.85	14.44	47.82	15.6	306.69	34.15	3.31	62.08	
19/07/2024 23:10	19.45	6.35	124.77	15.25	15.88	1.54	29	14.44	47.82	15.6	306.69	34.19	3.32	62.45	
19/07/2024 23:15	19.45	6.35	124.77	15.25	15.84	1.53	29.41	14.45	47.82	15.6	306.69	34.12	3.3	63.33	
19/07/2024 23:20	19.45	6.35	124.77	15.25	15.64	1.4	29.04	14.44	47.82	15.6	306.69	33.66	3.02	62.51	
19/07/2024 23:25	19.45	6.35	124.77	15.25	16	1.66	29.25	14.45	47.82	15.6	306.69	34.46	3.58	63.01	
19/07/2024 23:30	19.45	6.35	124.77	15.25	15.77	1.45	29.43	14.45	47.82	15.6	306.69	33.97	3.12	63.41	
19/07/2024 23:35	19.45	6.35	124.77	15.25	15.89	1.58	29.42	14.45	47.82	15.6	306.69	34.21	3.4	63.35	
19/07/2024 23:40	19.45	6.35	124.77	15.25	15.87	1.55	29.29	14.45	47.82	15.6	306.69	34.18	3.35	63.08	
19/07/2024 23:45	19.45	6.35	124.77	15.25	15.85	1.64	29.58	14.45	47.82	15.6	306.69	34.16	3.52	63.74	
19/07/2024 23:50	19.45	6.35	124.77	15.25	15.88	1.56	29.5	14.45	47.82	15.6	306.69	34.21	3.35	63.55	
19/07/2024 23:55	19.45	6.35	124.77	15.25	15.85	1.58	29.71	14.45	47.82	15.6	306.69	34.15	3.41	63.99	
20/07/2024 00:00	19.45	6.35	124.77	15.25	15.88	1.54	29.65	14.45	47.82	15.6	306.69	34.2	3.31	63.84	
20/07/2024 00:05	19.45	6.35	124.77	15.25	15.93	1.64	29.62	14.45	47.82	15.6	306.69	34.31	3.53	63.79	
20/07/2024 00:10	19.45	6.35	124.77	15.25	15.72	1.43	29.67	14.44	47.82	15.6	306.69	33.85	3.08	63.86	
20/07/2024 00:15	19.45	6.35	124.77	15.25	15.85	1.5	29.7	14.44	47.82	15.6	306.69	34.12	3.23	63.95	
20/07/2024 00:20	19.45	6.35	124.77	15.25	15.93	1.59	29.92	14.44	47.82	15.6	306.69	34.29	3.42	64.41	
20/07/2024 00:25	19.45	6.35	124.77	15.25	15.84	1.53	29.45	14.44	47.82	15.6	306.69	34.11	3.29	63.4	
20/07/2024 00:30	19.45	6.35	124.77	15.25	15.84	1.55	29.56	14.44	47.82	15.6	306.69	34.1	3.34	63.61	
20/07/2024 00:35	19.45	6.35	124.77	15.25	15.83	1.52	29.5	14.44	47.82	15.6	306.69	34.09	3.27	63.5	
20/07/2024 00:40	19.45	6.35	124.77	15.25	15.93	1.64	30.36	14.44	47.82	15.6	306.69	34.29	3.54	65.32	
20/07/2024 00:45	19.45	6.35	124.77	15.25	15.9	1.62	30.46	14.44	47.82	15.6	306.69	34.21	3.49	65.54	
20/07/2024 00:50	19.45	6.35	124.77	15.25	15.9	1.63	29.91	14.43	47.82	15.6	306.69	34.19	3.5	64.3	
20/07/2024 00:55	19.45	6.35	124.77	15.25	15.86	1.66	30.69	14.44	47.82	15.6	306.69	34.13	3.58	66.05	
20/07/2024 01:00	19.45	6.35	124.77	15.25	15.91	1.66	30.16	14.44	47.82	15.6	306.69	34.2	3.57	64.84	
20/07/2024 01:05	19.45	6.35	124.77	15.25	15.99	1.69	30.05	14.43	47.82	15.6	306.69	34.39	3.64	64.61	
20/07/2024 01:10	19.45	6.35	124.77	15.25	15.87	1.64	29.97	14.43	47.82	15.6	306.69	34.09	3.52	64.37	
20/07/2024 01:15	19.45	6.35	124.77	15.25	15.91	1.69	30.09	14.43	47.82	15.6	306.69	34.2	3.63	64.66	
20/07/2024 01:20	19.45	6.35	124.77	15.25	16	1.68	29.76	14.43	47.82	15.6	306.69	34.38	3.61	63.94	
20/07/2024 01:25	19.45	6.35	124.77	15.25	15.99	1.71	30.13	14.44	47.82	15.6	306.69	34.39	3.69	64.81	
20/07/2024 01:30	19.45	6.35	124.77	15.25	15.91	1.72	30.06	14.43	47.82	15.6	306.69	34.21	3.69	64.63	
20/07/2024 01:35	19.45	6.35	124.77	15.25	15.93	1.66	29.24	14.44	47.82	15.6	306.69	34.26	3.56	62.88	
20/07/2024 01:40	19.45	6.35	124.77	15.25	16.05	1.7	29.78	14.44	47.82	15.6	306.69	34.52	3.66	64.04	
20/07/2024 01:45	19.45	6.35	124.77	15.25	16	1.73	30	14.44	47.82	15.6	306.69	34.41	3.72	64.54	
20/07/2024 01:50	19.45	6.35	124.77	15.25	15.93	1.68	29.54	14.44	47.82	15.6	306.69	34.27	3.61	63.53	
20/07/2024 01:55	19.45	6.35	124.77	15.25	15.95	1.7	28.88	14.44	47.82	15.6	306.69	34.31	3.66	62.13	
20/07/2024 02:00	19.45	6.35	124.77	15.25	15.94	1.66	29.18	14.44	47.82	15.6	306.69	34.29	3.57	62.78	
20/07/2024 02:05	19.45	6.35	124.77	15.25	15.96	1.73	29.34	14.44	47.82	15.6	306.69	34.35	3.72	63.13	
20/07/2024 02:10	19.45	6.35	124.77	15.25	15.83	1.68	29.49	14.44	47.82	15.6	306.69	34.07	3.62	63.45	
20/07/2024 02:15	19.45	6.35	124.77	15.25	15.9	1.76	29.7	14.44	47.82	15.6	306.69	34.22	3.79	63.92	
20/07/2024 02:20	19.45	6.35	124.77	15.25	15.93	1.7	29.3	14.44	47.82	15.6	306.69	34.29	3.66	63.07	
20/07/2024 02:25	19.45	6.35	124.77	15.25	15.9	1.78	29.36	14.44	47.82	15.6	306.69	34.21	3.84	63.19	
20/07/2024 02:30	19.45	6.35	124.77	15.25	15.89	1.75	29.23	14.45	47.82	15.6	306.69	34.22	3.77	62.95	
20/07/2024 02:35	19.45	6.35	124.77	15.25	15.91	1.76	28.64	14.44	47.82	15.6	306.69	34.25	3.78	61.64	
20/07/2024 02:40	19.45	6.35	124.77	15.25	15.86	1.74	28.35	14.44	47.82	15.6	306.69	34.15	3.75	61.04	
20/07/2024 02:45	19.45	6.35	124.77	15.25	15.92	1.75	28.09	14.44	47.82	15.6	306.69	34.26	3.78	60.45	
20/07/2024 02:50	19.45	6.35	124.77	15.25	16	1.77	28.51	14.45	47.82	15.6	306.69	34.47	3.82	61.4	
20/07/2024 02:55	19.45	6.35	124.77	15.25	15.99	1.74	28.26	14.44	47.82	15.6	306.69	34.41	3.74	60.83	
20/07/2024 03:00	19.45	6.35	124.77	15.25	15.96	1.78	28.61	14.44	47.82	15.6	306.69	34.35	3.84	61.57	
20/07/2024 03:05	19.45	6.35	124.77	15.25	15.86	1.75	28.75	14.44	47.82	15.6	306.69	34.13	3.76	61.88	
20/07/2024 03:10	19.45	6.35	124.77	15.25	15.85	1.8	28.53	14.44	47.82	15.6	306.69	34.12	3.87	61.43	
20/07/2024 03:15	19.45	6.35	124.77	15.25	15.81	1.72	28.25	14.45	47.82	15.6	306.69	34.07	3.71	60.85	
20/07/2024 03:20	19.45	6.35	124.77	15.25	15.89	1.76	28.47	14.45	47.82	15.6	306.69	34.22	3.79	61.3	
20/07/2024 03:25	19.45	6.35	124.77	15.25	15.92	1.77	28.38	14.45	47.82	15.6	306.69	34.29	3.82	61.14	
20/07/2024 03:30	19.45	6.35	124.77	15.25	15.85	1.76	28.32	14.44	47.82	15.6	306.69	34.11	3.78	60.95	
20/07/2024 03:35	19.45	6.35	124.77	15.25	15.95	1.8	28.3	14.44	47.82	15.6	306.69	34.35	3.87	60.95	
20/07/2024 03:40	19.45	6.35	124.77	15.25	15.84	1.75	28.24	14.44	47.82	15.6	306.69	34.1	3.77	60.81	
20/07/2024 03:45	19.45	6.35	124.77	15.25	15.77	1.81	28.36	14.44	47.82	15.6	306.69	33.96	3.91	61.06	
20/07/2024 03:50	19.45	6.35	124.77	15.25	15.79	1.76	28.24	14.44	47.82	15.6	306.69	33.99	3.79	60.8	
20/07/2024 03:55	19.45	6.35	124.77	15.25	15.92	1.83	28.33	14.44	47.82	15.6	306.69	34.26	3.95	60.98	
20/07/2024 04:00	19.45	6.35	124.77	15.25	15.93	1.8	28.14	14.44	47.82	15.6	306.69	34.29	3.87	60.58	
20/07/2024 04:05	19.45	6.35	124.77	15.25	15.91	1.83	28.3	14.44	47.82	15.6	306.69	34.23	3.93	60.88	
20/07/2024 04:10	19.45	6.35	124.77	15.25	15.73	1.81	28.41	14.44	47.82	15.6	306.69	33.88	3.9	61.17	
20/07/2024 04:15	19.45	6.35	124.77	15.25	15.82	1.82	28.14	14.44	47.82	15.6	306.69	34.05	3.92	60.59	
20/07/2024 04:20	19.45	6.35	124.77	15.25	15.85	1.83	28.13	14.45	47.82	15.6	306.69	34.15	3.94	60.63	
20/07/2024 04:25	19.45	6.35	124.77	15.25	15.8	1.81	27.85	14.45	47.82	15.6	306.69	34.03	3.9	59.98	
20/07/2024 04:30	19.45	6.35	124.77	15.25	15.81	1.81	27.65	14.45	47.82	15.6	306.69	34.08	3.9	59.6	
20/07/2024 04:35	19.45	6.35	124.77	15.25	15.85	1.77	27.7	14.45	47.82	15.6	306.69	34.13	3.81	59.66	
20/07/2024 04:40	19.45	6.35	124.77	15.25	15.78	1.85	28.61	14.45	47.82	15.6	306.69	34.01	3.98	61.65	
20/07/2024 04:45	19.45	6.35	124.77	15.25	15.8	1.83	28.82	14.45	47.82	15.6	306.69	34.05	3.94	62.12	
20/07/2024 04:50	19.45	6.35	124.77	15.25	15.87	1.87	29.1	14.45	47.82	15.6	306.69	34.2	4.03	62.69	
20/07/2024 04:55	19.45	6.35	124.77	15.25	15.85	1.84	29.29	14.45	47.82	15.6	306.69	34.17	3.96	63.12	
20/07/2024 05:00	19.45	6.35	124.77												



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/07/2024 06:35	19.45	6.35	124.77	15.25	15.83	1.8	28.29	14.44	47.82	15.6	306.69	34.09	3.88	60.92	
20/07/2024 06:40	19.45	6.35	124.77	15.25	15.79	1.83	28.47	14.45	47.82	15.6	306.69	34	3.95	61.31	
20/07/2024 06:45	19.45	6.35	124.77	15.25	15.82	1.82	28.29	14.45	47.82	15.6	306.69	34.09	3.93	60.98	
20/07/2024 06:50	19.45	6.35	124.77	15.25	15.8	1.8	28.25	14.45	47.82	15.6	306.69	34.03	3.88	60.86	
20/07/2024 06:55	19.45	6.35	124.77	15.25	15.78	1.88	28.53	14.45	47.82	15.6	306.69	34	4.04	61.5	
20/07/2024 07:00	19.45	6.35	124.77	15.25	15.65	1.72	28.8	14.45	47.82	15.6	306.69	33.71	3.71	62.05	
20/07/2024 07:05	19.45	6.35	124.77	15.25	15.75	1.8	28.84	14.45	47.82	15.6	306.69	33.97	3.88	62.19	
20/07/2024 07:10	19.45	6.35	124.77	15.25	15.87	1.8	28.81	14.45	47.82	15.6	306.69	34.23	3.88	62.12	
20/07/2024 07:15	19.45	6.35	124.77	15.25	15.7	1.74	29.3	14.46	47.82	15.6	306.69	33.85	3.75	63.2	
20/07/2024 07:20	19.45	6.35	124.77	15.25	15.69	1.7	29.38	14.45	47.82	15.6	306.69	33.84	3.66	63.35	
20/07/2024 07:25	19.45	6.35	124.77	15.25	15.88	1.76	28.92	14.46	47.82	15.6	306.69	34.25	3.79	62.37	
20/07/2024 07:30	19.45	6.35	124.77	15.25	15.71	1.68	28.96	14.45	47.82	15.6	306.69	33.86	3.62	62.43	
20/07/2024 07:35	19.45	6.35	124.77	15.25	15.81	1.76	29.75	14.45	47.82	15.6	306.69	34.08	3.8	64.13	
20/07/2024 07:40	19.45	6.35	124.77	15.25	15.75	1.69	29.55	14.45	47.82	15.6	306.69	33.94	3.64	63.66	
20/07/2024 07:45	19.45	6.35	124.77	15.25	15.67	1.68	29.39	14.45	47.82	15.6	306.69	33.75	3.62	63.31	
20/07/2024 07:50	19.45	6.35	124.77	15.25	15.64	1.59	29.4	14.44	47.82	15.6	306.69	33.66	3.42	63.29	
20/07/2024 07:55	19.45	6.35	124.77	15.25	15.85	1.72	29.61	14.44	47.82	15.6	306.69	34.12	3.69	63.72	
20/07/2024 08:00	19.45	6.35	124.77	15.25	15.71	1.6	29.39	14.44	47.82	15.6	306.69	33.82	3.45	63.25	
20/07/2024 08:05	19.45	6.35	124.77	15.25	15.75	1.63	29.03	14.44	47.82	15.6	306.69	33.91	3.5	62.48	
20/07/2024 08:10	19.45	6.35	124.77	15.25	15.96	1.69	28.97	14.45	47.82	15.6	306.69	34.38	3.64	62.39	
20/07/2024 08:15	19.45	6.35	124.77	15.25	15.8	1.56	29.42	14.45	47.82	15.6	306.69	34.03	3.37	63.36	
20/07/2024 08:20	19.45	6.35	124.77	15.25	15.67	1.31	27.82	14.45	47.82	15.6	306.69	33.74	2.81	59.92	
20/07/2024 08:25	19.45	6.35	124.77	15.25	15.92	1.42	27.02	14.45	47.82	15.6	306.69	34.3	3.06	58.21	
20/07/2024 08:30	19.45	6.35	124.77	15.25	15.95	1.53	27.93	14.45	47.82	15.6	306.69	34.36	3.29	60.16	
20/07/2024 08:35	19.45	6.35	124.77	15.25	15.62	1.36	28.69	14.44	47.82	15.6	306.69	33.62	2.93	61.73	
20/07/2024 08:40	19.45	6.35	124.77	15.25	15.79	1.43	28.79	14.44	47.82	15.6	306.69	33.97	3.08	61.91	
20/07/2024 08:45	19.45	6.35	124.77	15.25	15.97	1.47	28.25	14.44	47.82	15.6	306.69	34.34	3.15	60.75	
20/07/2024 08:50	19.45	6.35	124.77	15.25	15.95	1.39	27.72	14.43	47.82	15.6	306.69	34.29	2.98	59.6	
20/07/2024 08:55	19.45	6.35	124.77	15.25	15.95	1.44	27.89	14.43	47.82	15.6	306.69	34.27	3.09	59.94	
20/07/2024 09:00	19.45	6.35	124.77	15.25	15.99	1.44	28.05	14.43	47.82	15.6	306.69	34.35	3.09	60.27	
20/07/2024 09:05	19.45	6.35	124.77	15.25	15.71	1.32	27.99	14.43	47.82	15.6	306.69	33.75	2.84	60.12	
20/07/2024 09:10	19.45	6.35	124.77	15.25	15.8	1.38	28.27	14.43	47.82	15.6	306.69	33.95	2.97	60.75	
20/07/2024 09:15	19.45	6.35	124.77	15.25	15.91	1.42	27.69	14.43	47.82	15.6	306.69	34.19	3.06	59.5	
20/07/2024 09:20	19.45	6.35	124.77	15.25	15.61	1.21	28.51	14.43	47.82	15.6	306.69	33.53	2.6	61.25	
20/07/2024 09:25	19.45	6.35	124.77	15.25	15.96	1.4	28.21	14.43	47.82	15.6	306.69	34.29	3.01	60.59	
20/07/2024 09:30	19.45	6.35	124.77	15.25	15.95	1.35	28.46	14.43	47.82	15.6	306.69	34.25	2.91	61.11	
20/07/2024 09:35	19.45	6.35	124.77	15.25	16	1.34	27.67	14.43	47.82	15.6	306.69	34.37	2.87	59.43	
20/07/2024 09:40	19.45	6.35	124.77	15.25	15.95	1.27	27.35	14.42	47.82	15.6	306.69	34.25	2.73	58.71	
20/07/2024 09:45	19.45	6.35	124.77	15.25	15.94	1.22	26.85	14.43	47.82	15.6	306.69	34.22	2.61	57.64	
20/07/2024 09:50	19.45	6.35	124.77	15.25	16.07	1.3	27.59	14.42	47.82	15.6	306.69	34.5	2.8	59.22	
20/07/2024 09:55	19.45	6.35	124.77	15.25	15.79	1.1	27.64	14.42	47.82	15.6	306.69	33.88	2.35	59.31	
20/07/2024 10:00	19.45	6.35	124.77	15.25	15.82	1.14	26.97	14.42	47.82	15.6	306.69	33.92	2.45	57.82	
20/07/2024 10:05	19.45	6.35	124.77	15.25	15.91	1.13	27.29	14.42	47.82	15.6	306.69	34.12	2.43	58.53	
20/07/2024 10:10	19.45	6.35	124.77	15.25	15.99	1.13	27.16	14.42	47.82	15.6	306.69	34.29	2.43	58.23	
20/07/2024 10:15	19.45	6.35	124.77	15.25	15.99	1.08	26.85	14.42	47.82	15.6	306.69	34.29	2.31	57.57	
20/07/2024 10:20	19.45	6.35	124.77	15.25	16.06	1.09	27.23	14.42	47.82	15.6	306.69	34.42	2.33	58.36	
20/07/2024 10:25	19.45	6.35	124.77	15.25	16.15	1.12	27.1	14.41	47.82	15.6	306.69	34.61	2.39	58.08	
20/07/2024 10:30	19.45	6.35	124.77	15.25	15.99	1.06	27.23	14.42	47.82	15.6	306.69	34.27	2.27	58.36	
20/07/2024 10:35	19.45	6.35	124.77	15.25	16.31	1.19	27.22	14.41	47.82	15.6	306.69	34.96	2.54	58.35	
20/07/2024 10:40	19.45	6.35	124.77	15.25	15.9	0.93	27.03	14.41	47.82	15.6	306.69	34.05	1.99	57.87	
20/07/2024 10:45	19.45	6.35	124.77	15.25	16.06	1.02	27.08	14.41	47.82	15.6	306.69	34.4	2.18	58.01	
20/07/2024 10:50	19.45	6.35	124.77	15.25	16.19	1.08	27.04	14.41	47.82	15.6	306.69	34.69	2.31	57.93	
20/07/2024 10:55	19.45	6.35	124.77	15.25	15.84	0.87	26.87	14.41	47.82	15.6	306.69	33.9	1.87	57.52	
20/07/2024 11:00	19.45	6.35	124.77	15.25	15.91	0.94	26.87	14.41	47.82	15.6	306.69	34.06	2.01	57.52	
20/07/2024 11:05	19.45	6.35	124.77	15.25	16.07	0.96	26.97	14.41	47.82	15.6	306.69	34.41	2.05	57.75	
20/07/2024 11:10	19.45	6.35	124.77	15.25	16.18	0.92	26.9	14.4	47.82	15.6	306.69	34.62	1.98	57.57	
20/07/2024 11:15	19.45	6.35	124.77	15.25	16.02	0.91	27.31	14.4	47.82	15.6	306.69	34.27	1.96	58.42	
20/07/2024 11:20	19.45	6.35	124.77	15.25	16.01	0.94	27.79	14.4	47.82	15.6	306.69	34.24	2.01	59.44	
20/07/2024 11:25	19.45	6.35	124.77	15.25	15.97	0.97	27.92	14.4	47.82	15.6	306.69	34.16	2.07	59.73	
20/07/2024 11:30	19.45	6.35	124.77	15.25	15.91	0.94	28.5	14.4	47.82	15.6	306.69	34.02	2.02	60.94	
20/07/2024 11:35	19.45	6.35	124.77	15.25	16.1	1.16	28.53	14.4	47.82	15.6	306.69	34.42	2.49	60.99	
20/07/2024 11:40	19.45	6.35	124.77	15.25	16.18	0.98	27.85	14.4	47.82	15.6	306.69	34.6	2.09	59.54	
20/07/2024 11:45	19.45	6.35	124.77	15.25	16.04	1.1	28.69	14.4	47.82	15.6	306.69	34.3	2.35	61.35	
20/07/2024 11:50	19.45	6.35	124.77	15.25	16.02	1.07	28.63	14.4	47.82	15.6	306.69	34.26	2.29	61.22	
20/07/2024 11:55	19.45	6.35	124.77	15.25	16.08	1.04	28.33	14.4	47.82	15.6	306.69	34.39	2.22	60.59	
20/07/2024 12:00	19.45	6.35	124.77	15.25	16.04	1.03	27.79	14.4	47.82	15.6	306.69	34.32	2.2	59.45	
20/07/2024 12:05	19.45	6.35	124.77	15.25	16.28	1.24	27.97	14.4	47.82	15.6	306.69	34.84	2.66	59.85	
20/07/2024 12:10	19.45	6.35	124.77	15.25	16.2	1.12	27.95	14.4	47.82	15.6	306.69	34.66	2.39	59.78	
20/07/2024 12:15	19.45	6.35	124.77	15.25	16.1	1.1	27.29	14.4	47.82	15.6	306.69	34.45	2.36	58.39	
20/07/2024 12:20	19.45	6.35	124.77	15.25	15.88	0.9	27.52	14.4	47.82	15.6	306.69	33.97	1.92	58.87	
20/07/2024 12:25	19.45	6.35	124.77	15.25	16.24	1.19	28.02	14.41	47.82	15.6	306.69	34.75	2.54	59.96	
20/07/2024 12:30	19.45	6.35	124.77	15.25	16.13	1.21	28.25	14.41	47.82	15.6	306.69	34.53	2.6	60.47	
20/07/2024 12:35	19.45	6.35	124.77	15.25											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/07/2024 14:10	19.45	6.35	124.77	15.25	16.14	0.95	27.77	14.4	47.82	15.6	306.69	34.53	2.04	59.42	
20/07/2024 14:15	19.45	6.35	124.77	15.25	16.16	1.01	27.87	14.4	47.82	15.6	306.69	34.57	2.15	59.61	
20/07/2024 14:20	19.45	6.35	124.77	15.25	16.09	0.94	28.12	14.4	47.82	15.6	306.69	34.41	2	60.12	
20/07/2024 14:25	19.45	6.35	124.77	15.25	16.03	0.85	27.88	14.4	47.82	15.6	306.69	34.26	1.81	59.62	
20/07/2024 14:30	19.45	6.35	124.77	15.25	15.85	0.8	28.5	14.4	47.82	15.6	306.69	33.88	1.7	60.91	
20/07/2024 14:35	19.45	6.35	124.77	15.25	16.15	0.97	27.88	14.4	47.82	15.6	306.69	34.54	2.07	59.62	
20/07/2024 14:40	19.45	6.35	124.77	15.25	16.15	0.91	27.63	14.4	47.82	15.6	306.69	34.51	1.94	59.05	
20/07/2024 14:45	19.45	6.35	124.77	15.25	15.98	0.86	28.48	14.4	47.82	15.6	306.69	34.16	1.84	60.88	
20/07/2024 14:50	19.45	6.35	124.77	15.25	16.14	0.96	28.34	14.4	47.82	15.6	306.69	34.5	2.06	60.6	
20/07/2024 14:55	19.45	6.35	124.77	15.25	15.96	0.78	28.01	14.4	47.82	15.6	306.69	34.13	1.67	59.89	
20/07/2024 15:00	19.45	6.35	124.77	15.25	15.81	0.69	27.76	14.4	47.82	15.6	306.69	33.79	1.47	59.35	
20/07/2024 15:05	19.45	6.35	124.77	15.25	16.02	0.81	28.02	14.4	47.82	15.6	306.69	34.24	1.73	59.89	
20/07/2024 15:10	19.45	6.35	124.77	15.25	16.19	0.87	27.59	14.4	47.82	15.6	306.69	34.61	1.86	58.98	
20/07/2024 15:15	19.45	6.35	124.77	15.25	16.2	0.86	27.52	14.4	47.82	15.6	306.69	34.64	1.84	58.83	
20/07/2024 15:20	19.45	6.35	124.77	15.25	15.91	0.62	27.19	14.39	47.82	15.6	306.69	33.98	1.33	58.07	
20/07/2024 15:25	19.45	6.35	124.77	15.25	16.23	0.94	27.82	14.4	47.82	15.6	306.69	34.68	2	59.46	
20/07/2024 15:30	19.45	6.35	124.77	15.25	16.18	0.83	27.81	14.4	47.82	15.6	306.69	34.57	1.78	59.42	
20/07/2024 15:35	19.45	6.35	124.77	15.25	16.07	0.71	27.64	14.39	47.82	15.6	306.69	34.31	1.51	59.03	
20/07/2024 15:40	19.45	6.35	124.77	15.25	16.16	0.84	27.01	14.39	47.82	15.6	306.69	34.52	1.8	57.68	
20/07/2024 15:45	19.45	6.35	124.77	15.25	16.05	0.71	26.63	14.39	47.82	15.6	306.69	34.27	1.52	56.87	
20/07/2024 15:50	19.45	6.35	124.77	15.25	16.08	0.81	27.28	14.39	47.82	15.6	306.69	34.34	1.72	58.24	
20/07/2024 15:55	19.45	6.35	124.77	15.25	16.2	0.93	27.95	14.39	47.82	15.6	306.69	34.6	2	59.71	
20/07/2024 16:00	19.45	6.35	124.77	15.25	16.04	0.82	27.61	14.39	47.82	15.6	306.69	34.26	1.75	58.97	
20/07/2024 16:05	19.45	6.35	124.77	15.25	16.05	0.89	27.82	14.39	47.82	15.6	306.69	34.28	1.91	59.42	
20/07/2024 16:10	19.45	6.35	124.77	15.25	16.01	0.88	27.92	14.39	47.82	15.6	306.69	34.2	1.88	59.63	
20/07/2024 16:15	19.45	6.35	124.77	15.25	16	0.86	27.89	14.39	47.82	15.6	306.69	34.16	1.85	59.54	
20/07/2024 16:20	19.45	6.35	124.77	15.25	15.9	0.76	28.03	14.39	47.82	15.6	306.69	33.94	1.63	59.85	
20/07/2024 16:25	19.45	6.35	124.77	15.25	16.1	1.06	28.26	14.39	47.82	15.6	306.69	34.38	2.26	60.35	
20/07/2024 16:30	19.45	6.35	124.77	15.25	16.03	1.02	28.4	14.39	47.82	15.6	306.69	34.23	2.18	60.65	
20/07/2024 16:35	19.45	6.35	124.77	15.25	16.04	1.03	28.42	14.4	47.82	15.6	306.69	34.27	2.19	60.75	
20/07/2024 16:40	19.45	6.35	124.77	15.25	15.99	1.01	28.18	14.39	47.82	15.6	306.69	34.17	2.16	60.22	
20/07/2024 16:45	19.45	6.35	124.77	15.25	15.95	0.96	28.24	14.39	47.82	15.6	306.69	34.09	2.05	60.33	
20/07/2024 16:50	19.45	6.35	124.77	15.25	16.11	1.13	28.74	14.4	47.82	15.6	306.69	34.43	2.41	61.43	
20/07/2024 16:55	19.45	6.35	124.77	15.25	15.97	1.17	29.5	14.4	47.82	15.6	306.69	34.15	2.5	63.09	
20/07/2024 17:00	19.45	6.35	124.77	15.25	15.93	1.17	30.13	14.4	47.82	15.6	306.69	34.06	2.5	64.42	
20/07/2024 17:05	19.45	6.35	124.77	15.25	16.09	1.29	29.53	14.4	47.82	15.6	306.69	34.41	2.76	63.16	
20/07/2024 17:10	19.45	6.35	124.77	15.25	16.12	1.33	28.84	14.4	47.82	15.6	306.69	34.48	2.84	61.69	
20/07/2024 17:15	19.45	6.35	124.77	15.25	16.21	1.33	28.34	14.4	47.82	15.6	306.69	34.66	2.85	60.61	
20/07/2024 17:20	19.45	6.35	124.77	15.25	16.33	1.45	28.34	14.4	47.82	15.6	306.69	34.92	3.1	60.61	
20/07/2024 17:25	19.45	6.35	124.77	15.25	16.3	1.45	29.02	14.4	47.82	15.6	306.69	34.87	3.11	62.07	
20/07/2024 17:30	19.45	6.35	124.77	15.25	16.3	1.56	30.19	14.4	47.82	15.6	306.69	34.87	3.35	64.58	
20/07/2024 17:35	19.45	6.35	124.77	15.25	16.22	1.54	29.43	14.4	47.82	15.6	306.69	34.71	3.3	62.96	
20/07/2024 17:40	19.45	6.35	124.77	15.25	16.19	1.58	29.23	14.41	47.82	15.6	306.69	34.65	3.38	62.57	
20/07/2024 17:45	19.45	6.35	124.77	15.25	16.16	1.59	29.16	14.41	47.82	15.6	306.69	34.63	3.41	62.49	
20/07/2024 17:50	19.45	6.35	124.77	15.25	16.12	1.53	29.36	14.41	47.82	15.6	306.69	34.55	3.27	62.93	
20/07/2024 17:55	19.45	6.35	124.77	15.25	15.44	1.4	27.05	14.39	47.82	15.6	306.69	32.94	2.98	57.7	
20/07/2024 18:00	19.45	6.35	124.77	15.25	15.39	1.45	26.65	14.38	47.82	15.6	306.69	32.82	3.1	56.83	
20/07/2024 18:05	19.45	6.35	124.77	15.25	15.28	1.42	26.57	14.39	47.82	15.6	306.69	32.62	3.03	56.73	
20/07/2024 18:10	19.45	6.35	124.77	15.25	15.33	1.38	26.49	14.39	47.82	15.6	306.69	32.73	2.95	56.53	
20/07/2024 18:15	19.45	6.35	124.77	15.25	15.37	1.43	26.81	14.39	47.82	15.6	306.69	32.83	3.05	57.27	
20/07/2024 18:20	19.45	6.35	124.77	15.25	15.33	1.42	26.48	14.39	47.82	15.6	306.69	32.75	3.04	56.57	
20/07/2024 18:25	19.45	6.35	124.77	15.25	15.95	1.45	28.04	14.42	47.82	15.6	306.69	34.21	3.1	60.14	
20/07/2024 18:30	19.45	6.35	124.77	15.25	16.12	1.59	28.91	14.42	47.82	15.6	306.69	34.58	3.41	62.02	
20/07/2024 18:35	19.45	6.35	124.77	15.25	15.89	1.41	29.07	14.42	47.82	15.6	306.69	34.08	3.03	62.36	
20/07/2024 18:40	19.45	6.35	124.77	15.25	15.95	1.46	29.46	14.42	47.82	15.6	306.69	34.22	3.13	63.2	
20/07/2024 18:45	19.45	6.35	124.77	15.25	16.04	1.57	29.32	14.42	47.82	15.6	306.69	34.42	3.36	62.91	
20/07/2024 18:50	19.45	6.35	124.77	15.25	16.04	1.55	28.94	14.42	47.82	15.6	306.69	34.41	3.32	62.1	
20/07/2024 18:55	19.45	6.35	124.77	15.25	16	1.5	29.05	14.42	47.82	15.6	306.69	34.35	3.23	62.34	
20/07/2024 19:00	19.45	6.35	124.77	15.25	16.15	1.66	29.06	14.42	47.82	15.6	306.69	34.63	3.55	62.34	
20/07/2024 19:05	19.45	6.35	124.77	15.25	15.75	1.48	29.59	14.42	47.82	15.6	306.69	33.79	3.18	63.48	
20/07/2024 19:10	19.45	6.35	124.77	15.25	15.66	1.44	29.68	14.41	47.82	15.6	306.69	33.56	3.08	63.61	
20/07/2024 19:15	19.45	6.35	124.77	15.25	16.03	1.65	29.59	14.42	47.82	15.6	306.69	34.36	3.55	63.44	
20/07/2024 19:20	19.45	6.35	124.77	15.25	15.94	1.53	29.06	14.41	47.82	15.6	306.69	34.14	3.28	62.24	
20/07/2024 19:25	19.45	6.35	124.77	15.25	16.13	1.62	29.03	14.42	47.82	15.6	306.69	34.59	3.47	62.26	
20/07/2024 19:30	19.45	6.35	124.77	15.25	15.91	1.57	29.07	14.42	47.82	15.6	306.69	34.11	3.37	62.32	
20/07/2024 19:35	19.45	6.35	124.77	15.25	16.03	1.63	29.18	14.42	47.82	15.6	306.69	34.38	3.5	62.6	
20/07/2024 19:40	19.45	6.35	124.77	15.25	15.85	1.53	29.15	14.42	47.82	15.6	306.69	34.02	3.29	62.54	
20/07/2024 19:45	19.45	6.35	124.77	15.25	15.97	1.53	28.56	14.43	47.82	15.6	306.69	34.29	3.28	61.32	
20/07/2024 19:50	19.45	6.35	124.77	15.25	16.03	1.49	28.23	14.42	47.82	15.6	306.69	34.42	3.2	60.59	
20/07/2024 19:55	19.45	6.35	124.77	15.25	16.03	1.51	28.54	14.43	47.82	15.6	306.69	34.43	3.24	61.27	
20/07/2024 20:00	19.45	6.35	124.77	15.25	15.99	1.5	28.66	14.42	47.82	15.6	306.69	34.3	3.21	61.47	
20/07/2024 20:05	19.45	6.35	124.77	15.25	15.97	1.59	28.91	14.42	47.82	15.6	306.69	34.27	3.41	62.03	
20/07/2024 20:10	19.45	6.35	124.77	15.25	16.11										



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/07/2024 21:45	19.45	6.35	124.77	15.25	15.87	1.42	28.66	14.42	47.82	15.6	306.69	34.07	3.05	61.5	
20/07/2024 21:50	19.45	6.35	124.77	15.25	16.04	1.61	28.48	14.42	47.82	15.6	306.69	34.43	3.46	61.13	
20/07/2024 21:55	19.45	6.35	124.77	15.25	15.98	1.56	28.33	14.42	47.82	15.6	306.69	34.3	3.35	60.78	
20/07/2024 22:00	19.45	6.35	124.77	15.25	16.09	1.6	28.32	14.42	47.82	15.6	306.69	34.53	3.43	60.77	
20/07/2024 22:05	19.45	6.35	124.77	15.25	16.01	1.56	28.26	14.42	47.82	15.6	306.69	34.35	3.36	60.61	
20/07/2024 22:10	19.45	6.35	124.77	15.25	16.11	1.59	28.29	14.42	47.82	15.6	306.69	34.57	3.41	60.71	
20/07/2024 22:15	19.45	6.35	124.77	15.25	16.01	1.47	28.26	14.42	47.82	15.6	306.69	34.36	3.16	60.65	
20/07/2024 22:20	19.45	6.35	124.77	15.25	16.07	1.57	28.12	14.42	47.82	15.6	306.69	34.49	3.37	60.37	
20/07/2024 22:25	19.45	6.35	124.77	15.25	16.23	1.62	27.86	14.42	47.82	15.6	306.69	34.82	3.47	59.79	
20/07/2024 22:30	19.45	6.35	124.77	15.25	15.94	1.39	27.18	14.42	47.82	15.6	306.69	34.19	2.98	58.32	
20/07/2024 22:35	19.45	6.35	124.77	15.25	16.09	1.58	28.01	14.43	47.82	15.6	306.69	34.55	3.4	60.12	
20/07/2024 22:40	19.45	6.35	124.77	15.25	15.91	1.48	28.06	14.43	47.82	15.6	306.69	34.15	3.18	60.24	
20/07/2024 22:45	19.45	6.35	124.77	15.25	16.08	1.53	27.62	14.42	47.82	15.6	306.69	34.5	3.29	59.29	
20/07/2024 22:50	19.45	6.35	124.77	15.25	16.08	1.59	28.24	14.42	47.82	15.6	306.69	34.53	3.42	60.62	
20/07/2024 22:55	19.45	6.35	124.77	15.25	16.1	1.56	28.75	14.42	47.82	15.6	306.69	34.54	3.35	61.69	
20/07/2024 23:00	19.45	6.35	124.77	15.25	16.07	1.62	28.04	14.42	47.82	15.6	306.69	34.48	3.47	60.14	
20/07/2024 23:05	19.45	6.35	124.77	15.25	15.9	1.33	27.04	14.41	47.82	15.6	306.69	34.08	2.85	57.95	
20/07/2024 23:10	19.45	6.35	124.77	15.25	16.15	1.53	27.2	14.42	47.82	15.6	306.69	34.62	3.28	58.29	
20/07/2024 23:15	19.45	6.35	124.77	15.25	15.97	1.45	27.91	14.42	47.82	15.6	306.69	34.24	3.12	59.86	
20/07/2024 23:20	19.45	6.35	124.77	15.25	15.95	1.52	27.93	14.42	47.82	15.6	306.69	34.22	3.26	59.9	
20/07/2024 23:25	19.45	6.35	124.77	15.25	16.01	1.51	28.06	14.42	47.82	15.6	306.69	34.34	3.24	60.2	
20/07/2024 23:30	19.45	6.35	124.77	15.25	15.82	1.43	28.01	14.42	47.82	15.6	306.69	33.92	3.06	60.06	
20/07/2024 23:35	19.45	6.35	124.77	15.25	15.93	1.51	27.84	14.42	47.82	15.6	306.69	34.15	3.23	59.7	
20/07/2024 23:40	19.45	6.35	124.77	15.25	15.95	1.57	27.67	14.42	47.82	15.6	306.69	34.21	3.37	59.35	
20/07/2024 23:45	19.45	6.35	124.77	15.25	16.08	1.6	27.96	14.42	47.82	15.6	306.69	34.49	3.44	59.96	
20/07/2024 23:50	19.45	6.35	124.77	15.25	15.91	1.52	27.9	14.42	47.82	15.6	306.69	34.12	3.25	59.82	
20/07/2024 23:55	19.45	6.35	124.77	15.25	15.72	1.43	28.04	14.41	47.82	15.6	306.69	33.69	3.06	60.09	
21/07/2024 00:00	19.45	6.35	124.77	15.25	15.87	1.58	28.13	14.41	47.82	15.6	306.69	34.01	3.39	60.28	
21/07/2024 00:05	19.45	6.35	124.77	15.25	16	1.55	27.98	14.41	47.82	15.6	306.69	34.26	3.31	59.92	
21/07/2024 00:10	19.45	6.35	124.77	15.25	15.9	1.55	28.15	14.41	47.82	15.6	306.69	34.07	3.32	60.32	
21/07/2024 00:15	19.45	6.35	124.77	15.25	15.97	1.52	28.04	14.41	47.82	15.6	306.69	34.21	3.25	60.06	
21/07/2024 00:20	19.45	6.35	124.77	15.25	15.98	1.64	28.07	14.41	47.82	15.6	306.69	34.23	3.51	60.13	
21/07/2024 00:25	19.45	6.35	124.77	15.25	15.83	1.46	27.95	14.41	47.82	15.6	306.69	33.88	3.13	59.85	
21/07/2024 00:30	19.45	6.35	124.77	15.25	15.69	1.36	27.58	14.41	47.82	15.6	306.69	33.6	2.91	59.07	
21/07/2024 00:35	19.45	6.35	124.77	15.25	15.85	1.44	27.43	14.41	47.82	15.6	306.69	33.93	3.08	58.71	
21/07/2024 00:40	19.45	6.35	124.77	15.25	15.91	1.51	27.8	14.41	47.82	15.6	306.69	34.06	3.23	59.5	
21/07/2024 00:45	19.45	6.35	124.77	15.25	15.9	1.47	27.88	14.41	47.82	15.6	306.69	34.06	3.15	59.7	
21/07/2024 00:50	19.45	6.35	124.77	15.25	15.8	1.5	27.71	14.41	47.82	15.6	306.69	33.82	3.22	59.34	
21/07/2024 00:55	19.45	6.35	124.77	15.25	15.91	1.52	27.66	14.41	47.82	15.6	306.69	34.06	3.25	59.22	
21/07/2024 01:00	19.45	6.35	124.77	15.25	15.89	1.46	27.58	14.41	47.82	15.6	306.69	34.03	3.12	59.06	
21/07/2024 01:05	19.45	6.35	124.77	15.25	15.84	1.52	27.72	14.41	47.82	15.6	306.69	33.93	3.25	59.36	
21/07/2024 01:10	19.45	6.35	124.77	15.25	15.97	1.54	27.61	14.41	47.82	15.6	306.69	34.23	3.29	59.16	
21/07/2024 01:15	19.45	6.35	124.77	15.25	15.85	1.49	27.61	14.41	47.82	15.6	306.69	33.95	3.18	59.14	
21/07/2024 01:20	19.45	6.35	124.77	15.25	16.08	1.58	27.79	14.41	47.82	15.6	306.69	34.45	3.38	59.56	
21/07/2024 01:25	19.45	6.35	124.77	15.25	15.97	1.53	27.72	14.41	47.82	15.6	306.69	34.22	3.27	59.38	
21/07/2024 01:30	19.45	6.35	124.77	15.25	15.88	1.42	27.63	14.41	47.82	15.6	306.69	34	3.04	59.17	
21/07/2024 01:35	19.45	6.35	124.77	15.25	16.02	1.56	27.52	14.41	47.82	15.6	306.69	34.33	3.35	58.97	
21/07/2024 01:40	19.45	6.35	124.77	15.25	16.12	1.54	27.33	14.42	47.82	15.6	306.69	34.56	3.3	58.6	
21/07/2024 01:45	19.45	6.35	124.77	15.25	16.04	1.53	27.03	14.41	47.82	15.6	306.69	34.37	3.27	57.91	
21/07/2024 01:50	19.45	6.35	124.77	15.25	15.98	1.46	27.08	14.41	47.82	15.6	306.69	34.22	3.13	57.99	
21/07/2024 01:55	19.45	6.35	124.77	15.25	16.02	1.5	27.11	14.41	47.82	15.6	306.69	34.28	3.22	58.02	
21/07/2024 02:00	19.45	6.35	124.77	15.25	16.12	1.5	27.05	14.41	47.82	15.6	306.69	34.49	3.22	57.88	
21/07/2024 02:05	19.45	6.35	124.77	15.25	15.6	1.22	26.77	14.4	47.82	15.6	306.69	33.37	2.61	57.28	
21/07/2024 02:10	19.45	6.35	124.77	15.25	15.93	1.44	26.39	14.41	47.82	15.6	306.69	34.11	3.09	56.5	
21/07/2024 02:15	19.45	6.35	124.77	15.25	15.99	1.47	26.79	14.4	47.82	15.6	306.69	34.21	3.14	57.32	
21/07/2024 02:20	19.45	6.35	124.77	15.25	16.11	1.5	26.33	14.4	47.82	15.6	306.69	34.47	3.2	56.34	
21/07/2024 02:25	19.45	6.35	124.77	15.25	15.88	1.38	27.13	14.4	47.82	15.6	306.69	33.97	2.95	58.04	
21/07/2024 02:30	19.45	6.35	124.77	15.25	16.13	1.57	26.86	14.41	47.82	15.6	306.69	34.52	3.37	57.51	
21/07/2024 02:35	19.45	6.35	124.77	15.25	16.01	1.49	26.91	14.41	47.82	15.6	306.69	34.27	3.18	57.58	
21/07/2024 02:40	19.45	6.35	124.77	15.25	15.87	1.4	27.07	14.41	47.82	15.6	306.69	33.98	2.99	57.97	
21/07/2024 02:45	19.45	6.35	124.77	15.25	16.01	1.5	27.23	14.4	47.82	15.6	306.69	34.24	3.21	58.24	
21/07/2024 02:50	19.45	6.35	124.77	15.25	16.05	1.51	27.31	14.4	47.82	15.6	306.69	34.32	3.24	58.4	
21/07/2024 02:55	19.45	6.35	124.77	15.25	16	1.53	26.86	14.4	47.82	15.6	306.69	34.19	3.27	57.42	
21/07/2024 03:00	19.45	6.35	124.77	15.25	16.03	1.54	26.81	14.4	47.82	15.6	306.69	34.28	3.29	57.33	
21/07/2024 03:05	19.45	6.35	124.77	15.25	16.02	1.47	26.89	14.4	47.82	15.6	306.69	34.26	3.14	57.48	
21/07/2024 03:10	19.45	6.35	124.77	15.25	15.92	1.52	26.71	14.4	47.82	15.6	306.69	34.04	3.25	57.11	
21/07/2024 03:15	19.45	6.35	124.77	15.25	16	1.52	26.85	14.4	47.82	15.6	306.69	34.2	3.25	57.41	
21/07/2024 03:20	19.45	6.35	124.77	15.25	15.91	1.48	26.71	14.4	47.82	15.6	306.69	33.99	3.17	57.08	
21/07/2024 03:25	19.45	6.35	124.77	15.25	16.01	1.52	26.78	14.4	47.82	15.6	306.69	34.22	3.25	57.23	
21/07/2024 03:30	19.45	6.35	124.77	15.25	16.02	1.59	26.93	14.4	47.82	15.6	306.69	34.28	3.39	57.6	
21/07/2024 03:35	19.45	6.35	124.77	15.25	16.01	1.54	27.2	14.4	47.82	15.6	306.69	34.24	3.29	58.17	
21/07/2024 03:40	19.45	6.35	124.77	15.25	15.91	1.57	26.98	14.4	47.82	15.6	306.69	34.02	3.37	57.69	
21/07/2024 03:45	19.45	6.35	124.77	15.2											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/07/2024 05:20	19.45	6.35	124.77	15.25	16.09	1.69	27.59	14.39	47.82	15.6	306.69	34.36	3.6	58.91	
21/07/2024 05:25	19.45	6.35	124.77	15.25	15.68	1.34	27.45	14.39	47.82	15.6	306.69	33.48	2.86	58.61	
21/07/2024 05:30	19.45	6.35	124.77	15.25	15.98	1.54	27.42	14.39	47.82	15.6	306.69	34.14	3.29	58.56	
21/07/2024 05:35	19.45	6.35	124.77	15.25	15.85	1.54	27.44	14.39	47.82	15.6	306.69	33.87	3.29	58.62	
21/07/2024 05:40	19.45	6.35	124.77	15.25	15.94	1.59	27.3	14.39	47.82	15.6	306.69	34.03	3.39	58.29	
21/07/2024 05:45	19.45	6.35	124.77	15.25	15.89	1.55	27.57	14.4	47.82	15.6	306.69	33.98	3.32	58.96	
21/07/2024 05:50	19.45	6.35	124.77	15.25	15.91	1.58	27.71	14.39	47.82	15.6	306.69	34	3.38	59.21	
21/07/2024 05:55	19.45	6.35	124.77	15.25	16	1.66	27.78	14.4	47.82	15.6	306.69	34.21	3.54	59.4	
21/07/2024 06:00	19.45	6.35	124.77	15.25	15.83	1.47	27.71	14.39	47.82	15.6	306.69	33.8	3.14	59.19	
21/07/2024 06:05	19.45	6.35	124.77	15.25	15.87	1.48	27.74	14.4	47.82	15.6	306.69	33.93	3.16	59.3	
21/07/2024 06:10	19.45	6.35	124.77	15.25	15.89	1.57	27.65	14.39	47.82	15.6	306.69	33.96	3.36	59.07	
21/07/2024 06:15	19.45	6.35	124.77	15.25	15.82	1.58	27.95	14.4	47.82	15.6	306.69	33.83	3.38	59.75	
21/07/2024 06:20	19.45	6.35	124.77	15.25	15.83	1.61	28.41	14.4	47.82	15.6	306.69	33.83	3.43	60.73	
21/07/2024 06:25	19.45	6.35	124.77	15.25	15.94	1.64	27.98	14.4	47.82	15.6	306.69	34.09	3.51	59.84	
21/07/2024 06:30	19.45	6.35	124.77	15.25	15.81	1.51	28.08	14.39	47.82	15.6	306.69	33.78	3.24	60	
21/07/2024 06:35	19.45	6.35	124.77	15.25	15.84	1.5	28.08	14.4	47.82	15.6	306.69	33.87	3.21	60.03	
21/07/2024 06:40	19.45	6.35	124.77	15.25	15.75	1.48	28.58	14.39	47.82	15.6	306.69	33.64	3.16	61.06	
21/07/2024 06:45	19.45	6.35	124.77	15.25	15.8	1.58	28.32	14.39	47.82	15.6	306.69	33.76	3.38	60.52	
21/07/2024 06:50	19.45	6.35	124.77	15.25	15.67	1.52	28.68	14.39	47.82	15.6	306.69	33.48	3.24	61.28	
21/07/2024 06:55	19.45	6.35	124.77	15.25	15.81	1.63	28.64	14.4	47.82	15.6	306.69	33.8	3.49	61.2	
21/07/2024 07:00	19.45	6.35	124.77	15.25	15.81	1.57	28.63	14.39	47.82	15.6	306.69	33.79	3.36	61.18	
21/07/2024 07:05	19.45	6.35	124.77	15.25	15.95	1.7	28.99	14.4	47.82	15.6	306.69	34.11	3.64	61.98	
21/07/2024 07:10	19.45	6.35	124.77	15.25	15.6	1.41	28.73	14.39	47.82	15.6	306.69	33.33	3.02	61.37	
21/07/2024 07:15	19.45	6.35	124.77	15.25	15.75	1.58	27.96	14.4	47.82	15.6	306.69	33.7	3.38	59.82	
21/07/2024 07:20	19.45	6.35	124.77	15.25	15.7	1.53	27.9	14.4	47.82	15.6	306.69	33.56	3.28	59.65	
21/07/2024 07:25	19.45	6.35	124.77	15.25	15.65	1.62	28.84	14.4	47.82	15.6	306.69	33.5	3.46	61.72	
21/07/2024 07:30	19.45	6.35	124.77	15.25	15.69	1.53	28.82	14.4	47.82	15.6	306.69	33.56	3.26	61.61	
21/07/2024 07:35	19.45	6.35	124.77	15.25	15.6	1.49	28.42	14.4	47.82	15.6	306.69	33.34	3.19	60.76	
21/07/2024 07:40	19.45	6.35	124.77	15.25	15.57	1.4	28.19	14.39	47.82	15.6	306.69	33.26	2.99	60.2	
21/07/2024 07:45	19.45	6.35	124.77	15.25	15.79	1.53	27.92	14.39	47.82	15.6	306.69	33.72	3.26	59.63	
21/07/2024 07:50	19.45	6.35	124.77	15.25	15.8	1.56	27.57	14.39	47.82	15.6	306.69	33.73	3.33	58.84	
21/07/2024 07:55	19.45	6.35	124.77	15.25	15.7	1.45	28	14.39	47.82	15.6	306.69	33.51	3.09	59.77	
21/07/2024 08:00	19.45	6.35	124.77	15.25	15.89	1.59	27.67	14.39	47.82	15.6	306.69	33.92	3.39	59.05	
21/07/2024 08:05	19.45	6.35	124.77	15.25	15.88	1.53	27.68	14.39	47.82	15.6	306.69	33.9	3.27	59.1	
21/07/2024 08:10	19.45	6.35	124.77	15.25	16.02	1.65	27.79	14.39	47.82	15.6	306.69	34.18	3.53	59.3	
21/07/2024 08:15	19.45	6.35	124.77	15.25	15.92	1.48	27.79	14.39	47.82	15.6	306.69	33.97	3.15	59.32	
21/07/2024 08:20	19.45	6.35	124.77	15.25	15.72	1.45	27.64	14.39	47.82	15.6	306.69	33.54	3.09	58.97	
21/07/2024 08:25	19.45	6.35	124.77	15.25	15.86	1.5	28.07	14.39	47.82	15.6	306.69	33.85	3.19	59.92	
21/07/2024 08:30	19.45	6.35	124.77	15.25	15.81	1.45	28.25	14.39	47.82	15.6	306.69	33.74	3.09	60.29	
21/07/2024 08:35	19.45	6.35	124.77	15.25	15.82	1.49	28.14	14.38	47.82	15.6	306.69	33.74	3.19	60.02	
21/07/2024 08:40	19.45	6.35	124.77	15.25	16.12	1.6	27.75	14.38	47.82	15.6	306.69	34.38	3.42	59.17	
21/07/2024 08:45	19.45	6.35	124.77	15.25	15.59	1.23	27.52	14.38	47.82	15.6	306.69	33.23	2.62	58.65	
21/07/2024 08:50	19.45	6.35	124.77	15.25	15.95	1.43	27.94	14.38	47.82	15.6	306.69	34.02	3.06	59.57	
21/07/2024 08:55	19.45	6.35	124.77	15.25	15.87	1.4	28.38	14.38	47.82	15.6	306.69	33.84	2.98	60.52	
21/07/2024 09:00	19.45	6.35	124.77	15.25	15.94	1.44	28.28	14.38	47.82	15.6	306.69	34	3.08	60.33	
21/07/2024 09:05	19.45	6.35	124.77	15.25	15.99	1.49	27.62	14.38	47.82	15.6	306.69	34.1	3.19	58.88	
21/07/2024 09:10	19.45	6.35	124.77	15.25	15.69	1.33	28.38	14.38	47.82	15.6	306.69	33.46	2.83	60.51	
21/07/2024 09:15	19.45	6.35	124.77	15.25	15.81	1.27	27.6	14.39	47.82	15.6	306.69	33.75	2.72	58.9	
21/07/2024 09:20	19.45	6.35	124.77	15.25	15.8	1.31	28.04	14.39	47.82	15.6	306.69	33.73	2.8	59.87	
21/07/2024 09:25	19.45	6.35	124.77	15.25	15.75	1.25	28.44	14.38	47.82	15.6	306.69	33.58	2.67	60.62	
21/07/2024 09:30	19.45	6.35	124.77	15.25	15.84	1.36	28.35	14.38	47.82	15.6	306.69	33.77	2.9	60.44	
21/07/2024 09:35	19.45	6.35	124.77	15.25	15.85	1.41	27.69	14.38	47.82	15.6	306.69	33.79	3.01	59.01	
21/07/2024 09:40	19.45	6.35	124.77	15.25	15.93	1.39	28.59	14.38	47.82	15.6	306.69	33.98	2.96	60.99	
21/07/2024 09:45	19.45	6.35	124.77	15.25	15.66	1.14	27.64	14.38	47.82	15.6	306.69	33.37	2.44	58.91	
21/07/2024 09:50	19.45	6.35	124.77	15.25	15.81	1.28	28	14.38	47.82	15.6	306.69	33.72	2.73	59.72	
21/07/2024 09:55	19.45	6.35	124.77	15.25	15.86	1.23	27.71	14.38	47.82	15.6	306.69	33.82	2.63	59.08	
21/07/2024 10:00	19.45	6.35	124.77	15.25	15.82	1.25	27.74	14.38	47.82	15.6	306.69	33.73	2.66	59.15	
21/07/2024 10:05	19.45	6.35	124.77	15.25	16.03	1.28	27.98	14.38	47.82	15.6	306.69	34.19	2.74	59.69	
21/07/2024 10:10	19.45	6.35	124.77	15.25	15.92	1.23	27.81	14.39	47.82	15.6	306.69	34	2.63	59.39	
21/07/2024 10:15	19.45	6.35	124.77	15.25	15.9	1.2	27.51	14.39	47.82	15.6	306.69	33.97	2.57	58.77	
21/07/2024 10:20	19.45	6.35	124.77	15.25	15.83	1.15	27.88	14.38	47.82	15.6	306.69	33.76	2.46	59.44	
21/07/2024 10:25	19.45	6.35	124.77	15.25	15.85	1.1	27.62	14.38	47.82	15.6	306.69	33.77	2.33	58.85	
21/07/2024 10:30	19.45	6.35	124.77	15.25	15.83	1.03	27.41	14.37	47.82	15.6	306.69	33.69	2.18	58.34	
21/07/2024 10:35	19.45	6.35	124.77	15.25	15.88	1.13	27.38	14.37	47.82	15.6	306.69	33.79	2.39	58.23	
21/07/2024 10:40	19.45	6.35	124.77	15.25	16.05	1.08	27.56	14.36	47.82	15.6	306.69	34.13	2.3	58.58	
21/07/2024 10:45	19.45	6.35	124.77	15.25	15.8	0.89	27.71	14.36	47.82	15.6	306.69	33.58	1.89	58.89	
21/07/2024 10:50	19.45	6.35	124.77	15.25	15.82	0.91	27.38	14.36	47.82	15.6	306.69	33.61	1.94	58.17	
21/07/2024 10:55	19.45	6.35	124.77	15.25	15.83	0.85	27.34	14.36	47.82	15.6	306.69	33.62	1.8	58.06	
21/07/2024 11:00	19.45	6.35	124.77	15.25	15.91	0.9	27.2	14.35	47.82	15.6	306.69	33.77	1.92	57.72	
21/07/2024 11:05	19.45	6.35	124.77	15.25	15.94	0.88	27.32	14.36	47.82	15.6	306.69	33.86	1.88	58.06	
21/07/2024 11:10	19.45	6.35	124.77	15.25	15.95	0.89	27.1	14.36	47.82	15.6	306.69	33.88	1.89	57.55	
21/07/2024 11:15	19.45	6.35	124.77	15.25	16.01	0.93	27.54	14.35	47.82	15.6	306.69	34	1.97	58.49	
21/07/2024 11:20	19.45	6.35	124.77	15.25	15.85										



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/07/2024 12:55	19.45	6.35	124.77	15.25	15.64	0.43	26.35	14.33	47.82	15.6	306.69	33.08	0.9	55.73	
21/07/2024 13:00	19.45	6.35	124.77	15.25	15.63	0.47	26.82	14.33	47.82	15.6	306.69	33.04	0.99	56.71	
21/07/2024 13:05	19.45	6.35	124.77	15.25	15.64	0.39	26.91	14.32	47.82	15.6	306.69	33.06	0.82	56.88	
21/07/2024 13:10	19.45	6.35	124.77	15.25	15.72	0.4	26.41	14.32	47.82	15.6	306.69	33.22	0.84	55.8	
21/07/2024 13:15	19.45	6.35	124.77	15.25	15.76	0.34	26.32	14.32	47.82	15.6	306.69	33.3	0.72	55.62	
21/07/2024 13:20	19.45	6.35	124.77	15.25	15.67	0.39	25.98	14.32	47.82	15.6	306.69	33.11	0.83	54.92	
21/07/2024 13:25	19.45	6.35	124.77	15.25	15.56	0.31	26.48	14.32	47.82	15.6	306.69	32.87	0.65	55.95	
21/07/2024 13:30	19.45	6.35	124.77	15.25	15.84	0.63	26.47	14.32	47.82	15.6	306.69	33.49	1.34	55.96	
21/07/2024 13:35	19.45	6.35	124.77	15.25	15.66	0.43	26.05	14.32	47.82	15.6	306.69	33.09	0.91	55.04	
21/07/2024 13:40	19.45	6.35	124.77	15.25	15.69	0.36	26.4	14.32	47.82	15.6	306.69	33.16	0.75	55.78	
21/07/2024 13:45	19.45	6.35	124.77	15.25	15.55	0.38	26.85	14.32	47.82	15.6	306.69	32.85	0.81	56.74	
21/07/2024 13:50	19.45	6.35	124.77	15.25	15.61	0.4	26.77	14.32	47.82	15.6	306.69	32.99	0.85	56.55	
21/07/2024 13:55	19.45	6.35	124.77	15.25	15.59	0.4	26.97	14.32	47.82	15.6	306.69	32.94	0.85	56.98	
21/07/2024 14:00	19.45	6.35	124.77	15.25	15.47	0.32	26.72	14.32	47.82	15.6	306.69	32.7	0.68	56.45	
21/07/2024 14:05	19.45	6.35	124.77	15.25	15.67	0.54	26.82	14.32	47.82	15.6	306.69	33.12	1.15	56.67	
21/07/2024 14:10	19.45	6.35	124.77	15.25	15.65	0.54	26.69	14.32	47.82	15.6	306.69	33.08	1.14	56.4	
21/07/2024 14:15	19.45	6.35	124.77	15.25	15.72	0.67	26.91	14.33	47.82	15.6	306.69	33.25	1.42	56.95	
21/07/2024 14:20	19.45	6.35	124.77	15.25	15.69	0.63	26.78	14.33	47.82	15.6	306.69	33.18	1.33	56.65	
21/07/2024 14:25	19.45	6.35	124.77	15.25	15.67	0.56	26.25	14.33	47.82	15.6	306.69	33.15	1.2	55.54	
21/07/2024 14:30	19.45	6.35	124.77	15.25	15.85	0.66	25.67	14.33	47.82	15.6	306.69	33.56	1.41	54.33	
21/07/2024 14:35	19.45	6.35	124.77	15.25	15.95	0.61	25.28	14.33	47.82	15.6	306.69	33.72	1.3	53.45	
21/07/2024 14:40	19.45	6.35	124.77	15.25	16.04	0.78	26.04	14.33	47.82	15.6	306.69	33.93	1.65	55.09	
21/07/2024 14:45	19.45	6.35	124.77	15.25	15.83	0.64	26.52	14.33	47.82	15.6	306.69	33.5	1.36	56.14	
21/07/2024 14:50	19.45	6.35	124.77	15.25	15.86	0.76	26.71	14.34	47.82	15.6	306.69	33.59	1.61	56.57	
21/07/2024 14:55	19.45	6.35	124.77	15.25	15.91	0.83	26.22	14.34	47.82	15.6	306.69	33.71	1.75	55.54	
21/07/2024 15:00	19.45	6.35	124.77	15.25	16.04	0.94	26.31	14.34	47.82	15.6	306.69	34.01	1.99	55.77	
21/07/2024 15:05	19.45	6.35	124.77	15.25	15.92	0.88	26.64	14.34	47.82	15.6	306.69	33.76	1.87	56.5	
21/07/2024 15:10	19.45	6.35	124.77	15.25	15.94	0.9	26.18	14.35	47.82	15.6	306.69	33.81	1.91	55.53	
21/07/2024 15:15	19.45	6.35	124.77	15.25	15.79	0.83	26.38	14.35	47.82	15.6	306.69	33.49	1.76	55.95	
21/07/2024 15:20	19.45	6.35	124.77	15.25	16.02	0.99	26.51	14.35	47.82	15.6	306.69	34	2.1	56.26	
21/07/2024 15:25	19.45	6.35	124.77	15.25	15.88	0.97	26.65	14.35	47.82	15.6	306.69	33.7	2.05	56.57	
21/07/2024 15:30	19.45	6.35	124.77	15.25	15.95	0.94	26.56	14.35	47.82	15.6	306.69	33.85	2.01	56.37	
21/07/2024 15:35	19.45	6.35	124.77	15.25	15.93	0.91	26.23	14.35	47.82	15.6	306.69	33.8	1.93	55.67	
21/07/2024 15:40	19.45	6.35	124.77	15.25	16.02	1	26.21	14.35	47.82	15.6	306.69	33.99	2.13	55.62	
21/07/2024 15:45	19.45	6.35	124.77	15.25	16.29	1.22	26.59	14.36	47.82	15.6	306.69	34.59	2.59	56.47	
21/07/2024 15:50	19.45	6.35	124.77	15.25	15.87	0.93	26.62	14.35	47.82	15.6	306.69	33.69	1.98	56.49	
21/07/2024 15:55	19.45	6.35	124.77	15.25	16.02	1.05	26.89	14.35	47.82	15.6	306.69	34.01	2.23	57.1	
21/07/2024 16:00	19.45	6.35	124.77	15.25	15.98	1.06	26.9	14.35	47.82	15.6	306.69	33.93	2.24	57.11	
21/07/2024 16:05	19.45	6.35	124.77	15.25	15.98	0.99	26.56	14.35	47.82	15.6	306.69	33.91	2.1	56.37	
21/07/2024 16:10	19.45	6.35	124.77	15.25	16.22	1.28	26.78	14.35	47.82	15.6	306.69	34.44	2.72	56.85	
21/07/2024 16:15	19.45	6.35	124.77	15.25	16.16	1.2	26.64	14.35	47.82	15.6	306.69	34.31	2.54	56.57	
21/07/2024 16:20	19.45	6.35	124.77	15.25	15.97	1.1	26.64	14.35	47.82	15.6	306.69	33.91	2.33	56.56	
21/07/2024 16:25	19.45	6.35	124.77	15.25	16.09	1.1	26.65	14.35	47.82	15.6	306.69	34.17	2.33	56.58	
21/07/2024 16:30	19.45	6.35	124.77	15.25	16.02	1.05	26.65	14.36	47.82	15.6	306.69	34.04	2.24	56.6	
21/07/2024 16:35	19.45	6.35	124.77	15.25	16.24	1.26	26.47	14.36	47.82	15.6	306.69	34.5	2.68	56.26	
21/07/2024 16:40	19.45	6.35	124.77	15.25	16.18	1.18	26.36	14.36	47.82	15.6	306.69	34.38	2.52	56.01	
21/07/2024 16:45	19.45	6.35	124.77	15.25	16.11	1.18	26.57	14.36	47.82	15.6	306.69	34.23	2.52	56.45	
21/07/2024 16:50	19.45	6.35	124.77	15.25	16.22	1.21	26.95	14.36	47.82	15.6	306.69	34.48	2.58	57.29	
21/07/2024 16:55	19.45	6.35	124.77	15.25	16.09	1.21	26.96	14.36	47.82	15.6	306.69	34.21	2.57	57.33	
21/07/2024 17:00	19.45	6.35	124.77	15.25	16.04	1.22	26.88	14.38	47.82	15.6	306.69	34.17	2.6	57.26	
21/07/2024 17:05	19.45	6.35	124.77	15.25	16.16	1.18	26.65	14.38	47.82	15.6	306.69	34.42	2.51	56.78	
21/07/2024 17:10	19.45	6.35	124.77	15.25	16.02	1.17	26.83	14.37	47.82	15.6	306.69	34.11	2.49	57.13	
21/07/2024 17:15	19.45	6.35	124.77	15.25	16.1	1.16	26.88	14.37	47.82	15.6	306.69	34.27	2.46	57.23	
21/07/2024 17:20	19.45	6.35	124.77	15.25	15.98	1.14	26.91	14.37	47.82	15.6	306.69	34.01	2.43	57.26	
21/07/2024 17:25	19.45	6.35	124.77	15.25	16.12	1.29	27.56	14.37	47.82	15.6	306.69	34.29	2.74	58.64	
21/07/2024 17:30	19.45	6.35	124.77	15.25	15.82	1.02	27.65	14.36	47.82	15.6	306.69	33.65	2.16	58.82	
21/07/2024 17:35	19.45	6.35	124.77	15.25	15.89	1.22	27.76	14.36	47.82	15.6	306.69	33.8	2.58	59.04	
21/07/2024 17:40	19.45	6.35	124.77	15.25	16.1	1.3	27.07	14.36	47.82	15.6	306.69	34.25	2.76	57.58	
21/07/2024 17:45	19.45	6.35	124.77	15.25	16.1	1.17	27.28	14.37	47.82	15.6	306.69	34.25	2.49	58.02	
21/07/2024 17:50	19.45	6.35	124.77	15.25	16.16	1.29	27.25	14.36	47.82	15.6	306.69	34.33	2.75	57.91	
21/07/2024 17:55	19.45	6.35	124.77	15.25	16.16	1.31	27.19	14.36	47.82	15.6	306.69	34.37	2.8	57.82	
21/07/2024 18:00	19.45	6.35	124.77	15.25	16.19	1.36	26.76	14.36	47.82	15.6	306.69	34.41	2.89	56.88	
21/07/2024 18:05	19.45	6.35	124.77	15.25	16.19	1.38	27.75	14.37	47.82	15.6	306.69	34.45	2.93	59.05	
21/07/2024 18:10	19.45	6.35	124.77	15.25	16.21	1.4	27.02	14.36	47.82	15.6	306.69	34.47	2.97	57.45	
21/07/2024 18:15	19.45	6.35	124.77	15.25	16.16	1.38	26.82	14.36	47.82	15.6	306.69	34.36	2.94	57.03	
21/07/2024 18:20	19.45	6.35	124.77	15.25	16.2	1.46	28.09	14.35	47.82	15.6	306.69	34.39	3.1	59.65	
21/07/2024 18:25	19.45	6.35	124.77	15.25	16.19	1.49	27.18	14.36	47.82	15.6	306.69	34.4	3.16	57.73	
21/07/2024 18:30	19.45	6.35	124.77	15.25	16.12	1.51	27.2	14.35	47.82	15.6	306.69	34.24	3.2	57.77	
21/07/2024 18:35	19.45	6.35	124.77	15.25	16.11	1.55	27.96	14.36	47.82	15.6	306.69	34.24	3.3	59.41	
21/07/2024 18:40	19.45	6.35	124.77	15.25	16.17	1.55	27.88	14.35	47.82	15.6	306.69	34.32	3.29	59.19	
21/07/2024 18:45	19.45	6.35	124.77	15.25	16.31	1.65	27.79	14.35	47.82	15.6	306.69	34.64	3.49	59	
21/07/2024 18:50	19.45	6.35	124.77	15.25	16.26	1.62	27.49	14.35	47.82	15.6	306.69	34.51	3.43	58.34	
21/07/2024 18:55	19.45	6.35													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/07/2024 20:30	19.45	6.35	124.77	15.25	16.15	1.89	27.12	14.37	47.82	15.6	306.69	34.39	4.02	57.76	
21/07/2024 20:35	19.45	6.35	124.77	15.25	16.13	1.89	27.38	14.37	47.82	15.6	306.69	34.36	4.02	58.32	
21/07/2024 20:40	19.45	6.35	124.77	15.25	16.2	1.91	27.06	14.38	47.82	15.6	306.69	34.52	4.08	57.68	
21/07/2024 20:45	19.45	6.35	124.77	15.25	16.19	1.84	27.04	14.38	47.82	15.6	306.69	34.51	3.93	57.64	
21/07/2024 20:50	19.45	6.35	124.77	15.25	16.15	1.89	27.2	14.38	47.82	15.6	306.69	34.41	4.02	57.96	
21/07/2024 20:55	19.45	6.35	124.77	15.25	16.12	1.85	27.32	14.38	47.82	15.6	306.69	34.35	3.95	58.21	
21/07/2024 21:00	19.45	6.35	124.77	15.25	16.27	1.88	27.21	14.37	47.82	15.6	306.69	34.65	4	57.95	
21/07/2024 21:05	19.45	6.35	124.77	15.25	16.17	1.84	26.69	14.38	47.82	15.6	306.69	34.48	3.92	56.91	
21/07/2024 21:10	19.45	6.35	124.77	15.25	16.17	1.82	26.45	14.37	47.82	15.6	306.69	34.45	3.89	56.34	
21/07/2024 21:15	19.45	6.35	124.77	15.25	16.05	1.85	26.78	14.38	47.82	15.6	306.69	34.19	3.93	57.06	
21/07/2024 21:20	19.45	6.35	124.77	15.25	16.11	1.77	26.64	14.37	47.82	15.6	306.69	34.3	3.76	56.73	
21/07/2024 21:25	19.45	6.35	124.77	15.25	16.18	1.83	26.26	14.37	47.82	15.6	306.69	34.46	3.91	55.93	
21/07/2024 21:30	19.45	6.35	124.77	15.25	16.05	1.79	26.35	14.38	47.82	15.6	306.69	34.19	3.81	56.14	
21/07/2024 21:35	19.45	6.35	124.77	15.25	16.13	1.83	26.4	14.38	47.82	15.6	306.69	34.37	3.91	56.25	
21/07/2024 21:40	19.45	6.35	124.77	15.25	16.14	1.79	26.53	14.38	47.82	15.6	306.69	34.41	3.81	56.55	
21/07/2024 21:45	19.45	6.35	124.77	15.25	16.12	1.82	26.4	14.38	47.82	15.6	306.69	34.36	3.89	56.28	
21/07/2024 21:50	19.45	6.35	124.77	15.25	16.16	1.75	26.14	14.38	47.82	15.6	306.69	34.43	3.73	55.71	
21/07/2024 21:55	19.45	6.35	124.77	15.25	16.16	1.77	26.19	14.37	47.82	15.6	306.69	34.4	3.76	55.74	
21/07/2024 22:00	19.45	6.35	124.77	15.25	16.08	1.78	26.37	14.37	47.82	15.6	306.69	34.24	3.78	56.17	
21/07/2024 22:05	19.45	6.35	124.77	15.25	15.97	1.71	26.34	14.37	47.82	15.6	306.69	33.97	3.64	56.05	
21/07/2024 22:10	19.45	6.35	124.77	15.25	16.04	1.81	27.14	14.37	47.82	15.6	306.69	34.17	3.86	57.8	
21/07/2024 22:15	19.45	6.35	124.77	15.25	16.04	1.75	27.43	14.37	47.82	15.6	306.69	34.17	3.72	58.41	
21/07/2024 22:20	19.45	6.35	124.77	15.25	16.09	1.79	27.27	14.37	47.82	15.6	306.69	34.23	3.81	58.03	
21/07/2024 22:25	19.45	6.35	124.77	15.25	15.94	1.77	27.15	14.37	47.82	15.6	306.69	33.93	3.77	57.79	
21/07/2024 22:30	19.45	6.35	124.77	15.25	15.95	1.78	27.01	14.36	47.82	15.6	306.69	33.92	3.79	57.46	
21/07/2024 22:35	19.45	6.35	124.77	15.25	15.99	1.78	27.32	14.37	47.82	15.6	306.69	34.04	3.79	58.15	
21/07/2024 22:40	19.45	6.35	124.77	15.25	15.99	1.78	27.15	14.37	47.82	15.6	306.69	34.01	3.79	57.77	
21/07/2024 22:45	19.45	6.35	124.77	15.25	15.91	1.79	28.12	14.37	47.82	15.6	306.69	33.88	3.82	59.87	
21/07/2024 22:50	19.45	6.35	124.77	15.25	15.9	1.76	28.19	14.37	47.82	15.6	306.69	33.85	3.75	59.99	
21/07/2024 22:55	19.45	6.35	124.77	15.25	15.97	1.81	28.56	14.37	47.82	15.6	306.69	34.02	3.85	60.82	
21/07/2024 23:00	19.45	6.35	124.77	15.25	15.99	1.75	28.28	14.37	47.82	15.6	306.69	34.04	3.72	60.17	
21/07/2024 23:05	19.45	6.35	124.77	15.25	15.94	1.8	28.24	14.37	47.82	15.6	306.69	33.91	3.82	60.08	
21/07/2024 23:10	19.45	6.35	124.77	15.25	15.87	1.72	27.87	14.36	47.82	15.6	306.69	33.74	3.65	59.25	
21/07/2024 23:15	19.45	6.35	124.77	15.25	15.92	1.78	28.03	14.36	47.82	15.6	306.69	33.85	3.79	59.62	
21/07/2024 23:20	19.45	6.35	124.77	15.25	15.92	1.72	28.19	14.37	47.82	15.6	306.69	33.89	3.67	60	
21/07/2024 23:25	19.45	6.35	124.77	15.25	16	1.74	27.46	14.37	47.82	15.6	306.69	34.06	3.7	58.47	
21/07/2024 23:30	19.45	6.35	124.77	15.25	16.02	1.72	27.08	14.38	47.82	15.6	306.69	34.14	3.66	57.7	
21/07/2024 23:35	19.45	6.35	124.77	15.25	15.91	1.7	27.1	14.37	47.82	15.6	306.69	33.85	3.61	57.64	
21/07/2024 23:40	19.45	6.35	124.77	15.25	15.92	1.75	27.6	14.37	47.82	15.6	306.69	33.86	3.73	58.71	
21/07/2024 23:45	19.45	6.35	124.77	15.25	15.84	1.74	28.78	14.36	47.82	15.6	306.69	33.67	3.7	61.2	
21/07/2024 23:50	19.45	6.35	124.77	15.25	15.97	1.77	27.4	14.36	47.82	15.6	306.69	33.95	3.76	58.24	
21/07/2024 23:55	19.45	6.35	124.77	15.25	16.01	1.72	27.52	14.36	47.82	15.6	306.69	34.03	3.65	58.5	
22/07/2024 00:00	19.45	6.35	124.77	15.25	16.01	1.78	27.3	14.36	47.82	15.6	306.69	34.01	3.78	58	
22/07/2024 00:05	19.45	6.35	124.77	15.25	15.78	1.76	28.27	14.36	47.82	15.6	306.69	33.55	3.74	60.09	
22/07/2024 00:10	19.45	6.35	124.77	15.25	15.97	1.78	27.5	14.35	47.82	15.6	306.69	33.91	3.78	58.4	
22/07/2024 00:15	19.45	6.35	124.77	15.25	15.98	1.8	27.91	14.36	47.82	15.6	306.69	33.96	3.83	59.29	
22/07/2024 00:20	19.45	6.35	124.77	15.25	16.06	1.71	26.85	14.36	47.82	15.6	306.69	34.11	3.63	57.03	
22/07/2024 00:25	19.45	6.35	124.77	15.25	16.11	1.76	27.48	14.36	47.82	15.6	306.69	34.23	3.75	58.38	
22/07/2024 00:30	19.45	6.35	124.77	15.25	16.07	1.74	27.64	14.36	47.82	15.6	306.69	34.13	3.7	58.72	
22/07/2024 00:35	19.45	6.35	124.77	15.25	16	1.78	27.62	14.36	47.82	15.6	306.69	33.99	3.78	58.68	
22/07/2024 00:40	19.45	6.35	124.77	15.25	16.06	1.77	27.41	14.36	47.82	15.6	306.69	34.12	3.76	58.24	
22/07/2024 00:45	19.45	6.35	124.77	15.25	16.15	1.77	26.8	14.36	47.82	15.6	306.69	34.32	3.77	56.93	
22/07/2024 00:50	19.45	6.35	124.77	15.25	15.93	1.71	26.87	14.36	47.82	15.6	306.69	33.86	3.63	57.09	
22/07/2024 00:55	19.45	6.35	124.77	15.25	15.85	1.78	27.45	14.35	47.82	15.6	306.69	33.64	3.77	58.28	
22/07/2024 01:00	19.45	6.35	124.77	15.25	15.82	1.8	27.2	14.36	47.82	15.6	306.69	33.6	3.82	57.77	
22/07/2024 01:05	19.45	6.35	124.77	15.25	16.04	1.76	26.86	14.35	47.82	15.6	306.69	34.05	3.74	57.03	
22/07/2024 01:10	19.45	6.35	124.77	15.25	15.86	1.82	27.42	14.36	47.82	15.6	306.69	33.69	3.88	58.27	
22/07/2024 01:15	19.45	6.35	124.77	15.25	15.78	1.77	27.34	14.35	47.82	15.6	306.69	33.49	3.76	58.02	
22/07/2024 01:20	19.45	6.35	124.77	15.25	16	1.85	27.17	14.35	47.82	15.6	306.69	33.97	3.92	57.68	
22/07/2024 01:25	19.45	6.35	124.77	15.25	15.89	1.83	27.13	14.36	47.82	15.6	306.69	33.74	3.89	57.62	
22/07/2024 01:30	19.45	6.35	124.77	15.25	15.96	1.91	27.63	14.36	47.82	15.6	306.69	33.9	4.05	58.7	
22/07/2024 01:35	19.45	6.35	124.77	15.25	15.9	1.86	27.41	14.36	47.82	15.6	306.69	33.79	3.94	58.26	
22/07/2024 01:40	19.45	6.35	124.77	15.25	15.96	1.88	27.35	14.36	47.82	15.6	306.69	33.9	3.99	58.09	
22/07/2024 01:45	19.45	6.35	124.77	15.25	15.82	1.87	27.49	14.36	47.82	15.6	306.69	33.62	3.98	58.45	
22/07/2024 01:50	19.45	6.35	124.77	15.25	15.95	1.88	26.99	14.36	47.82	15.6	306.69	33.87	4	57.33	
22/07/2024 01:55	19.45	6.35	124.77	15.25	16.03	1.89	27.24	14.36	47.82	15.6	306.69	34.08	4.01	57.92	
22/07/2024 02:00	19.45	6.35	124.77	15.25	16.05	1.86	27.18	14.36	47.82	15.6	306.69	34.1	3.95	57.75	
22/07/2024 02:05	19.45	6.35	124.77	15.25	15.91	1.9	27.49	14.36	47.82	15.6	306.69	33.81	4.05	58.43	
22/07/2024 02:10	19.45	6.35	124.77	15.25	15.96	1.9	27.44	14.36	47.82	15.6	306.69	33.91	4.04	58.31	
22/07/2024 02:15	19.45	6.35	124.77	15.25	15.97	1.91	27.31	14.36	47.82	15.6	306.69	33.95	4.05	58.07	
22/07/2024 02:20	19.45	6.35	124.77	15.25	15.89	1.89	27.21	14.36	47.82	15.6	306.69	33.78	4.01	57.84	
22/07/2024 02:25	19.45	6.35	124.77	15.25	15.96	1.91	27.43	14.36	47.82	15.6	306.69	33.95	4.07	58.33	
22/07/2024 02:30	19.45	6.35	124.77	15.25	15.88</										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/07/2024 04:05	19.45	6.35	124.77	15.25	16	1.89	27.53	14.35	47.82	15.6	306.69	33.98	4	58.46	
22/07/2024 04:10	19.45	6.35	124.77	15.25	15.99	1.87	27.32	14.36	47.82	15.6	306.69	33.98	3.97	58.08	
22/07/2024 04:15	19.45	6.35	124.77	15.25	15.98	1.83	27.23	14.36	47.82	15.6	306.69	33.94	3.9	57.83	
22/07/2024 04:20	19.45	6.35	124.77	15.25	16.04	1.9	27.3	14.36	47.82	15.6	306.69	34.1	4.04	58.02	
22/07/2024 04:25	19.45	6.35	124.77	15.25	15.91	1.84	27.27	14.36	47.82	15.6	306.69	33.79	3.91	57.92	
22/07/2024 04:30	19.45	6.35	124.77	15.25	15.93	1.9	27.02	14.36	47.82	15.6	306.69	33.82	4.03	57.38	
22/07/2024 04:35	19.45	6.35	124.77	15.25	15.94	1.86	27.39	14.36	47.82	15.6	306.69	33.88	3.96	58.22	
22/07/2024 04:40	19.45	6.35	124.77	15.25	16.05	1.9	27.13	14.35	47.82	15.6	306.69	34.09	4.04	57.61	
22/07/2024 04:45	19.45	6.35	124.77	15.25	15.97	1.9	27.52	14.36	47.82	15.6	306.69	33.95	4.04	58.49	
22/07/2024 04:50	19.45	6.35	124.77	15.25	15.97	1.88	27.23	14.36	47.82	15.6	306.69	33.91	3.99	57.84	
22/07/2024 04:55	19.45	6.35	124.77	15.25	15.98	1.91	27.28	14.36	47.82	15.6	306.69	33.98	4.06	57.99	
22/07/2024 05:00	19.45	6.35	124.77	15.25	15.97	1.9	27.42	14.36	47.82	15.6	306.69	33.92	4.03	58.24	
22/07/2024 05:05	19.45	6.35	124.77	15.25	16.02	1.93	27.51	14.36	47.82	15.6	306.69	34.05	4.11	58.46	
22/07/2024 05:10	19.45	6.35	124.77	15.25	15.9	1.85	27.22	14.36	47.82	15.6	306.69	33.79	3.93	57.83	
22/07/2024 05:15	19.45	6.35	124.77	15.25	15.97	1.9	27.59	14.36	47.82	15.6	306.69	33.93	4.04	58.62	
22/07/2024 05:20	19.45	6.35	124.77	15.25	15.92	1.88	27.65	14.36	47.82	15.6	306.69	33.82	4	58.74	
22/07/2024 05:25	19.45	6.35	124.77	15.25	16.09	1.88	26.79	14.35	47.82	15.6	306.69	34.16	4	56.89	
22/07/2024 05:30	19.45	6.35	124.77	15.25	16.18	1.81	26.55	14.36	47.82	15.6	306.69	34.38	3.85	56.41	
22/07/2024 05:35	19.45	6.35	124.77	15.25	16.09	1.85	27.08	14.35	47.82	15.6	306.69	34.16	3.93	57.51	
22/07/2024 05:40	19.45	6.35	124.77	15.25	16.12	1.87	27.4	14.36	47.82	15.6	306.69	34.26	3.97	58.23	
22/07/2024 05:45	19.45	6.35	124.77	15.25	16.07	1.85	27.38	14.36	47.82	15.6	306.69	34.12	3.92	58.16	
22/07/2024 05:50	19.45	6.35	124.77	15.25	16.08	1.88	27.88	14.36	47.82	15.6	306.69	34.16	4	59.24	
22/07/2024 05:55	19.45	6.35	124.77	15.25	16.01	1.84	27.3	14.35	47.82	15.6	306.69	33.99	3.91	57.95	
22/07/2024 06:00	19.45	6.35	124.77	15.25	16.1	1.91	27.33	14.36	47.82	15.6	306.69	34.19	4.06	58.04	
22/07/2024 06:05	19.45	6.35	124.77	15.25	15.93	1.85	27.44	14.36	47.82	15.6	306.69	33.85	3.92	58.31	
22/07/2024 06:10	19.45	6.35	124.77	15.25	16.02	1.89	27.58	14.35	47.82	15.6	306.69	34.02	4	58.57	
22/07/2024 06:15	19.45	6.35	124.77	15.25	15.97	1.88	27.63	14.36	47.82	15.6	306.69	33.92	3.99	58.68	
22/07/2024 06:20	19.45	6.35	124.77	15.25	15.96	1.89	28.02	14.35	47.82	15.6	306.69	33.88	4.02	59.47	
22/07/2024 06:25	19.45	6.35	124.77	15.25	15.95	1.87	27.85	14.35	47.82	15.6	306.69	33.87	3.97	59.13	
22/07/2024 06:30	19.45	6.35	124.77	15.25	15.96	1.85	27.71	14.35	47.82	15.6	306.69	33.86	3.93	58.78	
22/07/2024 06:35	19.45	6.35	124.77	15.25	15.9	1.85	27.84	14.35	47.82	15.6	306.69	33.75	3.93	59.08	
22/07/2024 06:40	19.45	6.35	124.77	15.25	15.91	1.86	27.84	14.35	47.82	15.6	306.69	33.75	3.93	59.05	
22/07/2024 06:45	19.45	6.35	124.77	15.25	15.8	1.87	27.91	14.35	47.82	15.6	306.69	33.55	3.97	59.26	
22/07/2024 06:50	19.45	6.35	124.77	15.25	15.84	1.78	27.69	14.35	47.82	15.6	306.69	33.63	3.78	58.81	
22/07/2024 06:55	19.45	6.35	124.77	15.25	15.93	1.85	27.81	14.36	47.82	15.6	306.69	33.85	3.94	59.09	
22/07/2024 07:00	19.45	6.35	124.77	15.25	15.85	1.77	27.44	14.35	47.82	15.6	306.69	33.67	3.76	58.27	
22/07/2024 07:05	19.45	6.35	124.77	15.25	15.84	1.84	28	14.35	47.82	15.6	306.69	33.61	3.91	59.4	
22/07/2024 07:10	19.45	6.35	124.77	15.25	15.74	1.83	28.24	14.35	47.82	15.6	306.69	33.4	3.88	59.9	
22/07/2024 07:15	19.45	6.35	124.77	15.25	15.75	1.83	28.04	14.34	47.82	15.6	306.69	33.4	3.88	59.47	
22/07/2024 07:20	19.45	6.35	124.77	15.25	15.88	1.8	28.12	14.35	47.82	15.6	306.69	33.72	3.83	59.69	
22/07/2024 07:25	19.45	6.35	124.77	15.25	15.96	1.87	28.18	14.35	47.82	15.6	306.69	33.88	3.97	59.8	
22/07/2024 07:30	19.45	6.35	124.77	15.25	15.76	1.71	28.16	14.35	47.82	15.6	306.69	33.44	3.63	59.77	
22/07/2024 07:35	19.45	6.35	124.77	15.25	15.75	1.77	28.27	14.35	47.82	15.6	306.69	33.44	3.76	60.01	
22/07/2024 07:40	19.45	6.35	124.77	15.25	15.89	1.79	27.92	14.35	47.82	15.6	306.69	33.74	3.8	59.29	
22/07/2024 07:45	19.45	6.35	124.77	15.25	15.72	1.68	27.99	14.35	47.82	15.6	306.69	33.34	3.57	59.4	
22/07/2024 07:50	19.45	6.35	124.77	15.25	16.01	1.77	28.47	14.35	47.82	15.6	306.69	33.99	3.75	60.44	
22/07/2024 07:55	19.45	6.35	124.77	15.25	15.75	1.74	28.77	14.35	47.82	15.6	306.69	33.4	3.7	61.03	
22/07/2024 08:00	19.45	6.35	124.77	15.25	15.89	1.78	28.16	14.35	47.82	15.6	306.69	33.72	3.77	59.75	
22/07/2024 08:05	19.45	6.35	124.77	15.25	15.73	1.7	28.45	14.34	47.82	15.6	306.69	33.36	3.6	60.32	
22/07/2024 08:10	19.45	6.35	124.77	15.25	15.8	1.73	27.96	14.35	47.82	15.6	306.69	33.51	3.66	59.32	
22/07/2024 08:15	19.45	6.35	124.77	15.25	15.79	1.68	28.55	14.34	47.82	15.6	306.69	33.49	3.57	60.48	
22/07/2024 08:20	19.45	6.35	124.77	15.25	15.85	1.79	28.81	14.35	47.82	15.6	306.69	33.61	3.81	61.09	
22/07/2024 08:25	19.45	6.35	124.77	15.25	15.21	1.49	27.47	14.34	47.82	15.6	306.69	32.23	3.16	58.23	
22/07/2024 08:30	19.45	6.35	124.77	15.25	15.66	1.7	27.97	14.34	47.82	15.6	306.69	33.2	3.61	59.28	
22/07/2024 08:35	19.45	6.35	124.77	15.25	15.96	1.67	27.87	14.34	47.82	15.6	306.69	33.84	3.53	59.1	
22/07/2024 08:40	19.45	6.35	124.77	15.25	15.97	1.62	28.21	14.34	47.82	15.6	306.69	33.86	3.44	59.81	
22/07/2024 08:45	19.45	6.35	124.77	15.25	15.96	1.63	27.79	14.34	47.82	15.6	306.69	33.83	3.45	58.9	
22/07/2024 08:50	19.45	6.35	124.77	15.25	15.96	1.62	27.94	14.34	47.82	15.6	306.69	33.82	3.44	59.2	
22/07/2024 08:55	19.45	6.35	124.77	15.25	15.66	1.42	27.84	14.34	47.82	15.6	306.69	33.19	3.02	59.01	
22/07/2024 09:00	19.45	6.35	124.77	15.25	15.96	1.64	27.95	14.34	47.82	15.6	306.69	33.83	3.49	59.22	
22/07/2024 09:05	19.45	6.35	124.77	15.25	15.94	1.56	27.48	14.34	47.82	15.6	306.69	33.77	3.3	58.23	
22/07/2024 09:10	19.45	6.35	124.77	15.25	15.94	1.56	27.28	14.34	47.82	15.6	306.69	33.78	3.31	57.79	
22/07/2024 09:15	19.45	6.35	124.77	15.25	16.05	1.55	28.26	14.34	47.82	15.6	306.69	33.99	3.28	59.84	
22/07/2024 09:20	19.45	6.35	124.77	15.25	16.06	1.59	27.86	14.33	47.82	15.6	306.69	34	3.36	58.99	
22/07/2024 09:25	19.45	6.35	124.77	15.25	15.88	1.47	28.41	14.34	47.82	15.6	306.69	33.62	3.12	60.17	
22/07/2024 09:30	19.45	6.35	124.77	15.25	15.96	1.55	28.3	14.33	47.82	15.6	306.69	33.8	3.27	59.92	
22/07/2024 09:35	19.45	6.35	124.77	15.25	16.06	1.58	27.8	14.33	47.82	15.6	306.69	33.98	3.34	58.83	
22/07/2024 09:40	19.45	6.35	124.77	15.25	15.88	1.39	27.96	14.33	47.82	15.6	306.69	33.63	2.95	59.19	
22/07/2024 09:45	19.45	6.35	124.77	15.25	15.93	1.39	27.65	14.33	47.82	15.6	306.69	33.71	2.95	58.52	
22/07/2024 09:50	19.45	6.35	124.77	15.25	15.87	1.33	27.61	14.33	47.82	15.6	306.69	33.58	2.82	58.43	
22/07/2024 09:55	19.45	6.35	124.77	15.25	16.02	1.4	28.04	14.33	47.82	15.6	306.69	33.89	2.97	59.33	
22/07/2024 10:00	19.45	6.35	124.77	15.25	15.91	1.34	27.95	14.33	47.82	15.6	306.69	33.66	2.83	59.14	
22/07/2024 10:05	19.45	6.35	124.77	15.25	15.72	1.2									



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/07/2024 11:40	19.45	6.35	124.77	15.25	15.85	0.83	26.1	14.3	47.82	15.6	306.69	33.36	1.75	54.94	
22/07/2024 11:45	19.45	6.35	124.77	15.25	15.75	0.7	26.64	14.29	47.82	15.6	306.69	33.15	1.48	56.06	
22/07/2024 11:50	19.45	6.35	124.77	15.25	15.93	0.91	26.91	14.29	47.82	15.6	306.69	33.51	1.92	56.62	
22/07/2024 11:55	19.45	6.35	124.77	15.25	15.99	0.93	26.79	14.29	47.82	15.6	306.69	33.63	1.95	56.36	
22/07/2024 12:00	19.45	6.35	124.77	15.25	16.01	0.95	26.56	14.29	47.82	15.6	306.69	33.68	2	55.86	
22/07/2024 12:05	19.45	6.35	124.77	15.25	15.86	0.82	27.39	14.29	47.82	15.6	306.69	33.34	1.73	57.58	
22/07/2024 12:10	19.45	6.35	124.77	15.25	15.94	0.97	27.3	14.29	47.82	15.6	306.69	33.5	2.04	57.38	
22/07/2024 12:15	19.45	6.35	124.77	15.25	15.74	0.79	26.94	14.28	47.82	15.6	306.69	33.07	1.67	56.59	
22/07/2024 12:20	19.45	6.35	124.77	15.25	15.87	0.86	26.64	14.29	47.82	15.6	306.69	33.35	1.81	56	
22/07/2024 12:25	19.45	6.35	124.77	15.25	15.82	0.84	26.64	14.29	47.82	15.6	306.69	33.27	1.77	56	
22/07/2024 12:30	19.45	6.35	124.77	15.25	15.96	0.98	27.45	14.29	47.82	15.6	306.69	33.58	2.05	57.73	
22/07/2024 12:35	19.45	6.35	124.77	15.25	16.03	0.94	27.39	14.29	47.82	15.6	306.69	33.71	1.97	57.6	
22/07/2024 12:40	19.45	6.35	124.77	15.25	15.82	0.86	27.28	14.29	47.82	15.6	306.69	33.27	1.8	57.36	
22/07/2024 12:45	19.45	6.35	124.77	15.25	16.06	0.97	27.65	14.29	47.82	15.6	306.69	33.79	2.04	58.15	
22/07/2024 12:50	19.45	6.35	124.77	15.25	16.2	1.09	27.43	14.29	47.82	15.6	306.69	34.08	2.29	57.71	
22/07/2024 12:55	19.45	6.35	124.77	15.25	15.66	0.72	26.9	14.29	47.82	15.6	306.69	32.93	1.52	56.57	
22/07/2024 13:00	19.45	6.35	124.77	15.25	15.93	0.86	26.56	14.29	47.82	15.6	306.69	33.5	1.81	55.85	
22/07/2024 13:05	19.45	6.35	124.77	15.25	16.14	1.03	26.87	14.29	47.82	15.6	306.69	33.95	2.17	56.49	
22/07/2024 13:10	19.45	6.35	124.77	15.25	15.83	0.73	26.59	14.29	47.82	15.6	306.69	33.28	1.53	55.9	
22/07/2024 13:15	19.45	6.35	124.77	15.25	16.07	0.89	26.62	14.29	47.82	15.6	306.69	33.82	1.88	56.02	
22/07/2024 13:20	19.45	6.35	124.77	15.25	16.16	0.87	27.09	14.29	47.82	15.6	306.69	34.01	1.83	57	
22/07/2024 13:25	19.45	6.35	124.77	15.25	15.96	0.81	26.47	14.29	47.82	15.6	306.69	33.56	1.71	55.68	
22/07/2024 13:30	19.45	6.35	124.77	15.25	15.91	0.77	27.15	14.29	47.82	15.6	306.69	33.44	1.61	57.08	
22/07/2024 13:35	19.45	6.35	124.77	15.25	15.8	0.77	27.21	14.29	47.82	15.6	306.69	33.21	1.62	57.2	
22/07/2024 13:40	19.45	6.35	124.77	15.25	15.92	0.79	26.96	14.29	47.82	15.6	306.69	33.48	1.65	56.69	
22/07/2024 13:45	19.45	6.35	124.77	15.25	15.9	0.89	27.65	14.29	47.82	15.6	306.69	33.43	1.87	58.14	
22/07/2024 13:50	19.45	6.35	124.77	15.25	15.87	0.85	27.43	14.29	47.82	15.6	306.69	33.36	1.79	57.67	
22/07/2024 13:55	19.45	6.35	124.77	15.25	16	0.89	27.7	14.29	47.82	15.6	306.69	33.65	1.88	58.26	
22/07/2024 14:00	19.45	6.35	124.77	15.25	15.91	0.8	26.75	14.29	47.82	15.6	306.69	33.45	1.69	56.23	
22/07/2024 14:05	19.45	6.35	124.77	15.25	15.72	0.7	26.52	14.29	47.82	15.6	306.69	33.05	1.47	55.75	
22/07/2024 14:10	19.45	6.35	124.77	15.25	15.88	0.85	26.95	14.29	47.82	15.6	306.69	33.41	1.79	56.69	
22/07/2024 14:15	19.45	6.35	124.77	15.25	15.54	0.66	27.47	14.29	47.82	15.6	306.69	32.67	1.4	57.76	
22/07/2024 14:20	19.45	6.35	124.77	15.25	15.88	0.91	27.45	14.29	47.82	15.6	306.69	33.4	1.92	57.75	
22/07/2024 14:25	19.45	6.35	124.77	15.25	15.76	0.81	27.34	14.29	47.82	15.6	306.69	33.14	1.69	57.48	
22/07/2024 14:30	19.45	6.35	124.77	15.25	15.87	0.87	27.37	14.29	47.82	15.6	306.69	33.36	1.82	57.55	
22/07/2024 14:35	19.45	6.35	124.77	15.25	15.89	0.89	27.14	14.29	47.82	15.6	306.69	33.4	1.87	57.07	
22/07/2024 14:40	19.45	6.35	124.77	15.25	15.92	0.89	27.05	14.29	47.82	15.6	306.69	33.49	1.87	56.89	
22/07/2024 14:45	19.45	6.35	124.77	15.25	15.79	0.73	27.06	14.29	47.82	15.6	306.69	33.21	1.53	56.91	
22/07/2024 14:50	19.45	6.35	124.77	15.25	15.86	0.86	27.41	14.29	47.82	15.6	306.69	33.36	1.8	57.64	
22/07/2024 14:55	19.45	6.35	124.77	15.25	16.09	1.1	27.3	14.29	47.82	15.6	306.69	33.83	2.32	57.41	
22/07/2024 15:00	19.45	6.35	124.77	15.25	16.32	1.2	27.25	14.29	47.82	15.6	306.69	34.34	2.52	57.34	
22/07/2024 15:05	19.45	6.35	124.77	15.25	16.5	1.29	26.94	14.29	47.82	15.6	306.69	34.71	2.71	56.69	
22/07/2024 15:10	19.45	6.35	124.77	15.25	16.47	1.28	27.12	14.29	47.82	15.6	306.69	34.66	2.69	57.07	
22/07/2024 15:15	19.45	6.35	124.77	15.25	16.51	1.36	27.34	14.3	47.82	15.6	306.69	34.76	2.86	57.57	
22/07/2024 15:20	19.45	6.35	124.77	15.25	16.41	1.35	27.39	14.29	47.82	15.6	306.69	34.52	2.83	57.62	
22/07/2024 15:25	19.45	6.35	124.77	15.25	16.42	1.43	27.35	14.3	47.82	15.6	306.69	34.56	3.01	57.57	
22/07/2024 15:30	19.45	6.35	124.77	15.25	16.48	1.41	27.13	14.3	47.82	15.6	306.69	34.69	2.97	57.09	
22/07/2024 15:35	19.45	6.35	124.77	15.25	16.58	1.52	27.76	14.29	47.82	15.6	306.69	34.88	3.19	58.42	
22/07/2024 15:40	19.45	6.35	124.77	15.25	16.52	1.51	27.75	14.3	47.82	15.6	306.69	34.77	3.17	58.42	
22/07/2024 15:45	19.45	6.35	124.77	15.25	16.52	1.59	27.87	14.3	47.82	15.6	306.69	34.77	3.35	58.67	
22/07/2024 15:50	19.45	6.35	124.77	15.25	16.53	1.53	27.32	14.3	47.82	15.6	306.69	34.81	3.32	57.53	
22/07/2024 15:55	19.45	6.35	124.77	15.25	16.49	1.59	27.34	14.29	47.82	15.6	306.69	34.69	3.35	57.51	
22/07/2024 16:00	19.45	6.35	124.77	15.25	16.47	1.63	28.01	14.3	47.82	15.6	306.69	34.69	3.44	59	
22/07/2024 16:05	19.45	6.35	124.77	15.25	16.41	1.63	27.82	14.3	47.82	15.6	306.69	34.56	3.42	58.58	
22/07/2024 16:10	19.45	6.35	124.77	15.25	16.48	1.68	28.08	14.3	47.82	15.6	306.69	34.71	3.54	59.15	
22/07/2024 16:15	19.45	6.35	124.77	15.25	16.35	1.68	28.7	14.3	47.82	15.6	306.69	34.43	3.54	60.47	
22/07/2024 16:20	19.45	6.35	124.77	15.25	16.35	1.73	28.32	14.31	47.82	15.6	306.69	34.47	3.64	59.7	
22/07/2024 16:25	19.45	6.35	124.77	15.25	16.27	1.63	27.65	14.31	47.82	15.6	306.69	34.31	3.43	58.33	
22/07/2024 16:30	19.45	6.35	124.77	15.25	16.47	1.67	27.51	14.31	47.82	15.6	306.69	34.76	3.52	58.05	
22/07/2024 16:35	19.45	6.35	124.77	15.25	16.22	1.63	28.04	14.32	47.82	15.6	306.69	34.25	3.45	59.21	
22/07/2024 16:40	19.45	6.35	124.77	15.25	16.33	1.63	27.39	14.31	47.82	15.6	306.69	34.44	3.43	57.78	
22/07/2024 16:45	19.45	6.35	124.77	15.25	16.27	1.63	27.54	14.32	47.82	15.6	306.69	34.35	3.45	58.14	
22/07/2024 16:50	19.45	6.35	124.77	15.25	16.26	1.64	27.56	14.31	47.82	15.6	306.69	34.32	3.46	58.17	
22/07/2024 16:55	19.45	6.35	124.77	15.25	16.29	1.67	27.91	14.32	47.82	15.6	306.69	34.39	3.52	58.92	
22/07/2024 17:00	19.45	6.35	124.77	15.25	16.25	1.7	28.34	14.32	47.82	15.6	306.69	34.32	3.59	59.86	
22/07/2024 17:05	19.45	6.35	124.77	15.25	16.33	1.71	27.55	14.32	47.82	15.6	306.69	34.51	3.61	58.23	
22/07/2024 17:10	19.45	6.35	124.77	15.25	16.25	1.66	27.76	14.32	47.82	15.6	306.69	34.33	3.51	58.63	
22/07/2024 17:15	19.45	6.35	124.77	15.25	16.37	1.62	26.77	14.32	47.82	15.6	306.69	34.59	3.43	56.55	
22/07/2024 17:20	19.45	6.35	124.77	15.25	16.32	1.66	27.09	14.32	47.82	15.6	306.69	34.45	3.51	57.2	
22/07/2024 17:25	19.45	6.35	124.77	15.25	16.22	1.65	27.38	14.32	47.82	15.6	306.69	34.26	3.49	57.84	
22/07/2024 17:30	19.45	6.35	124.77	15.25	16.21	1.63	27.43	14.32	47.82	15.6	306.69	34.25	3.44	57.96	
22/07/2024 17:35	19.45	6.35	124.77	15.25	15.82	1.61	25.36	14.3	47.82	15.6	306.69	33.34	3.38	53.43	
22/07/2024 17:40	19.45	6.35	124.77												



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/07/2024 19:15	19.45	6.35	124.77	15.25	16.24	1.5	26.88	14.32	47.82	15.6	306.69	34.33	3.18	56.82	
22/07/2024 19:20	19.45	6.35	124.77	15.25	16.15	1.56	27.31	14.33	47.82	15.6	306.69	34.14	3.3	57.73	
22/07/2024 19:25	19.45	6.35	124.77	15.25	16.23	1.49	26.68	14.32	47.82	15.6	306.69	34.31	3.15	56.4	
22/07/2024 19:30	19.45	6.35	124.77	15.25	16.4	1.63	26.45	14.33	47.82	15.6	306.69	34.69	3.44	55.92	
22/07/2024 19:35	19.45	6.35	124.77	15.25	16.21	1.39	26.39	14.32	47.82	15.6	306.69	34.26	2.93	55.78	
22/07/2024 19:40	19.45	6.35	124.77	15.25	16.32	1.53	26.44	14.32	47.82	15.6	306.69	34.47	3.24	55.85	
22/07/2024 19:45	19.45	6.35	124.77	15.25	16.23	1.57	26.98	14.32	47.82	15.6	306.69	34.29	3.33	57.02	
22/07/2024 19:50	19.45	6.35	124.77	15.25	16.14	1.52	26.63	14.32	47.82	15.6	306.69	34.07	3.2	56.23	
22/07/2024 19:55	19.45	6.35	124.77	15.25	16.16	1.55	27.07	14.32	47.82	15.6	306.69	34.11	3.28	57.16	
22/07/2024 20:00	19.45	6.35	124.77	15.25	16.19	1.58	26.95	14.31	47.82	15.6	306.69	34.17	3.34	56.87	
22/07/2024 20:05	19.45	6.35	124.77	15.25	16.18	1.54	26.45	14.32	47.82	15.6	306.69	34.16	3.25	55.83	
22/07/2024 20:10	19.45	6.35	124.77	15.25	16.28	1.53	26.61	14.31	47.82	15.6	306.69	34.32	3.22	56.11	
22/07/2024 20:15	19.45	6.35	124.77	15.25	16.24	1.6	27.77	14.31	47.82	15.6	306.69	34.26	3.37	58.6	
22/07/2024 20:20	19.45	6.35	124.77	15.25	16.23	1.57	28.09	14.31	47.82	15.6	306.69	34.25	3.31	59.27	
22/07/2024 20:25	19.45	6.35	124.77	15.25	16.18	1.59	27.52	14.31	47.82	15.6	306.69	34.16	3.35	58.09	
22/07/2024 20:30	19.45	6.35	124.77	15.25	16.18	1.54	27.51	14.31	47.82	15.6	306.69	34.13	3.25	58.05	
22/07/2024 20:35	19.45	6.35	124.77	15.25	16.14	1.66	27.49	14.31	47.82	15.6	306.69	34.06	3.51	58.03	
22/07/2024 20:40	19.45	6.35	124.77	15.25	16.15	1.53	27.82	14.31	47.82	15.6	306.69	34.08	3.22	58.73	
22/07/2024 20:45	19.45	6.35	124.77	15.25	16.26	1.74	27.22	14.32	47.82	15.6	306.69	34.34	3.67	57.46	
22/07/2024 20:50	19.45	6.35	124.77	15.25	16	1.47	27.13	14.32	47.82	15.6	306.69	33.8	3.09	57.29	
22/07/2024 20:55	19.45	6.35	124.77	15.25	16.18	1.62	27.27	14.32	47.82	15.6	306.69	34.15	3.42	57.57	
22/07/2024 21:00	19.45	6.35	124.77	15.25	16.2	1.63	26.93	14.32	47.82	15.6	306.69	34.2	3.44	56.87	
22/07/2024 21:05	19.45	6.35	124.77	15.25	16.13	1.6	26.86	14.31	47.82	15.6	306.69	34.01	3.38	56.64	
22/07/2024 21:10	19.45	6.35	124.77	15.25	16.12	1.63	26.4	14.31	47.82	15.6	306.69	34.01	3.44	55.7	
22/07/2024 21:15	19.45	6.35	124.77	15.25	16.13	1.59	26.42	14.31	47.82	15.6	306.69	34.03	3.35	55.73	
22/07/2024 21:20	19.45	6.35	124.77	15.25	16.21	1.67	26.46	14.31	47.82	15.6	306.69	34.2	3.53	55.84	
22/07/2024 21:25	19.45	6.35	124.77	15.25	16.12	1.64	27.57	14.31	47.82	15.6	306.69	34.01	3.46	58.16	
22/07/2024 21:30	19.45	6.35	124.77	15.25	16.18	1.66	27.11	14.31	47.82	15.6	306.69	34.14	3.5	57.21	
22/07/2024 21:35	19.45	6.35	124.77	15.25	16.29	1.72	26.41	14.31	47.82	15.6	306.69	34.37	3.64	55.73	
22/07/2024 21:40	19.45	6.35	124.77	15.25	15.97	1.47	26.85	14.31	47.82	15.6	306.69	33.67	3.11	56.61	
22/07/2024 21:45	19.45	6.35	124.77	15.25	16.08	1.62	28.04	14.31	47.82	15.6	306.69	33.93	3.41	59.15	
22/07/2024 21:50	19.45	6.35	124.77	15.25	16.15	1.66	27.54	14.31	47.82	15.6	306.69	34.06	3.49	58.07	
22/07/2024 21:55	19.45	6.35	124.77	15.25	16.18	1.6	26.3	14.31	47.82	15.6	306.69	34.15	3.38	55.51	
22/07/2024 22:00	19.45	6.35	124.77	15.25	16.1	1.56	26.01	14.31	47.82	15.6	306.69	33.97	3.29	54.88	
22/07/2024 22:05	19.45	6.35	124.77	15.25	16.1	1.59	25.91	14.31	47.82	15.6	306.69	33.98	3.36	54.67	
22/07/2024 22:10	19.45	6.35	124.77	15.25	16.17	1.53	25.82	14.31	47.82	15.6	306.69	34.1	3.24	54.46	
22/07/2024 22:15	19.45	6.35	124.77	15.25	16.1	1.57	25.71	14.31	47.82	15.6	306.69	33.98	3.3	54.26	
22/07/2024 22:20	19.45	6.35	124.77	15.25	16.22	1.54	26.13	14.31	47.82	15.6	306.69	34.23	3.24	55.15	
22/07/2024 22:25	19.45	6.35	124.77	15.25	16.2	1.61	25.98	14.31	47.82	15.6	306.69	34.18	3.4	54.8	
22/07/2024 22:30	19.45	6.35	124.77	15.25	16.13	1.52	25.89	14.31	47.82	15.6	306.69	34.03	3.21	54.63	
22/07/2024 22:35	19.45	6.35	124.77	15.25	16.16	1.55	25.96	14.32	47.82	15.6	306.69	34.12	3.27	54.81	
22/07/2024 22:40	19.45	6.35	124.77	15.25	16.15	1.56	26.07	14.32	47.82	15.6	306.69	34.12	3.29	55.07	
22/07/2024 22:45	19.45	6.35	124.77	15.25	16.16	1.61	25.96	14.32	47.82	15.6	306.69	34.12	3.4	54.8	
22/07/2024 22:50	19.45	6.35	124.77	15.25	16.13	1.51	26.08	14.32	47.82	15.6	306.69	34.07	3.2	55.07	
22/07/2024 22:55	19.45	6.35	124.77	15.25	16.21	1.57	26.06	14.31	47.82	15.6	306.69	34.2	3.31	54.98	
22/07/2024 23:00	19.45	6.35	124.77	15.25	16.11	1.55	26.26	14.31	47.82	15.6	306.69	33.99	3.27	55.39	
22/07/2024 23:05	19.45	6.35	124.77	15.25	16.21	1.58	25.97	14.31	47.82	15.6	306.69	34.2	3.34	54.79	
22/07/2024 23:10	19.45	6.35	124.77	15.25	16.23	1.64	26.24	14.31	47.82	15.6	306.69	34.25	3.45	55.38	
22/07/2024 23:15	19.45	6.35	124.77	15.25	16.2	1.56	26.48	14.31	47.82	15.6	306.69	34.17	3.3	55.86	
22/07/2024 23:20	19.45	6.35	124.77	15.25	16.09	1.61	26.31	14.31	47.82	15.6	306.69	33.93	3.39	55.5	
22/07/2024 23:25	19.45	6.35	124.77	15.25	16.18	1.56	26.46	14.31	47.82	15.6	306.69	34.13	3.3	55.81	
22/07/2024 23:30	19.45	6.35	124.77	15.25	16.18	1.62	26.23	14.31	47.82	15.6	306.69	34.12	3.42	55.33	
22/07/2024 23:35	19.45	6.35	124.77	15.25	16.17	1.59	26.53	14.31	47.82	15.6	306.69	34.09	3.36	55.95	
22/07/2024 23:40	19.45	6.35	124.77	15.25	16.08	1.6	26.61	14.31	47.82	15.6	306.69	33.9	3.37	56.1	
22/07/2024 23:45	19.45	6.35	124.77	15.25	16.21	1.61	26.36	14.31	47.82	15.6	306.69	34.16	3.4	55.56	
22/07/2024 23:50	19.45	6.35	124.77	15.25	16.04	1.55	26.51	14.3	47.82	15.6	306.69	33.79	3.26	55.84	
22/07/2024 23:55	19.45	6.35	124.77	15.25	16.13	1.6	26.49	14.31	47.82	15.6	306.69	33.99	3.38	55.84	
23/07/2024 00:00	19.45	6.35	124.77	15.25	16.03	1.53	26.52	14.3	47.82	15.6	306.69	33.75	3.23	55.86	
23/07/2024 00:05	19.45	6.35	124.77	15.25	16.11	1.52	26.23	14.3	47.82	15.6	306.69	33.92	3.21	55.26	
23/07/2024 00:10	19.45	6.35	124.77	15.25	16.24	1.56	26.25	14.3	47.82	15.6	306.69	34.21	3.28	55.27	
23/07/2024 00:15	19.45	6.35	124.77	15.25	16.17	1.61	25.95	14.3	47.82	15.6	306.69	34.05	3.38	54.66	
23/07/2024 00:20	19.45	6.35	124.77	15.25	16.14	1.56	26.09	14.3	47.82	15.6	306.69	34	3.28	54.93	
23/07/2024 00:25	19.45	6.35	124.77	15.25	16.21	1.61	26.15	14.3	47.82	15.6	306.69	34.13	3.38	55.08	
23/07/2024 00:30	19.45	6.35	124.77	15.25	16.16	1.54	26.01	14.3	47.82	15.6	306.69	34.06	3.25	54.81	
23/07/2024 00:35	19.45	6.35	124.77	15.25	16.23	1.61	25.94	14.3	47.82	15.6	306.69	34.17	3.38	54.63	
23/07/2024 00:40	19.45	6.35	124.77	15.25	16.24	1.56	26.36	14.3	47.82	15.6	306.69	34.21	3.29	55.53	
23/07/2024 00:45	19.45	6.35	124.77	15.25	16.22	1.57	25.79	14.3	47.82	15.6	306.69	34.14	3.31	54.28	
23/07/2024 00:50	19.45	6.35	124.77	15.25	16.31	1.61	26.63	14.3	47.82	15.6	306.69	34.35	3.4	56.06	
23/07/2024 00:55	19.45	6.35	124.77	15.25	16.24	1.52	26.15	14.29	47.82	15.6	306.69	34.17	3.2	55	
23/07/2024 01:00	19.45	6.35	124.77	15.25	16.21	1.58	26.35	14.3	47.82	15.6	306.69	34.14	3.34	55.48	
23/07/2024 01:05	19.45	6.35	124.77	15.25	16.23	1.59	26.35	14.3	47.82	15.6	306.69	34.16	3.35	55.47	
23/07/2024 01:10	19.45	6.35	124.77	15.25	16.27	1.67	26.35	14.3	47.82	15.6	306.69	34.27	3.51	55.5	
23/07/2024 01:15	19.45	6.35	124.77	15.25</											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/07/2024 02:50	19.45	6.35	124.77	15.25	16.1	1.64	26.77	14.3	47.82	15.6	306.69	33.88	3.45	56.34	
23/07/2024 02:55	19.45	6.35	124.77	15.25	16.19	1.55	26.72	14.29	47.82	15.6	306.69	34.03	3.27	56.17	
23/07/2024 03:00	19.45	6.35	124.77	15.25	16.19	1.62	27.41	14.29	47.82	15.6	306.69	34.07	3.42	57.68	
23/07/2024 03:05	19.45	6.35	124.77	15.25	16.04	1.57	27.13	14.29	47.82	15.6	306.69	33.74	3.3	57.05	
23/07/2024 03:10	19.45	6.35	124.77	15.25	16.05	1.62	26.87	14.3	47.82	15.6	306.69	33.77	3.41	56.55	
23/07/2024 03:15	19.45	6.35	124.77	15.25	16.12	1.62	26.93	14.29	47.82	15.6	306.69	33.9	3.4	56.65	
23/07/2024 03:20	19.45	6.35	124.77	15.25	16.21	1.72	27.18	14.3	47.82	15.6	306.69	34.11	3.62	57.2	
23/07/2024 03:25	19.45	6.35	124.77	15.25	15.97	1.45	27.32	14.29	47.82	15.6	306.69	33.58	3.05	57.46	
23/07/2024 03:30	19.45	6.35	124.77	15.25	16.03	1.63	27.53	14.29	47.82	15.6	306.69	33.71	3.43	57.9	
23/07/2024 03:35	19.45	6.35	124.77	15.25	16.01	1.61	26.92	14.29	47.82	15.6	306.69	33.69	3.38	56.65	
23/07/2024 03:40	19.45	6.35	124.77	15.25	16.07	1.64	26.55	14.29	47.82	15.6	306.69	33.78	3.44	55.82	
23/07/2024 03:45	19.45	6.35	124.77	15.25	16.15	1.6	26.2	14.29	47.82	15.6	306.69	33.98	3.38	55.13	
23/07/2024 03:50	19.45	6.35	124.77	15.25	16.19	1.59	26.32	14.29	47.82	15.6	306.69	34.06	3.34	55.36	
23/07/2024 03:55	19.45	6.35	124.77	15.25	16.18	1.63	26.64	14.29	47.82	15.6	306.69	34.05	3.42	56.04	
23/07/2024 04:00	19.45	6.35	124.77	15.25	16.1	1.62	26.46	14.29	47.82	15.6	306.69	33.84	3.4	55.63	
23/07/2024 04:05	19.45	6.35	124.77	15.25	16.14	1.59	26.43	14.29	47.82	15.6	306.69	33.94	3.34	55.58	
23/07/2024 04:10	19.45	6.35	124.77	15.25	16.16	1.6	26.63	14.29	47.82	15.6	306.69	33.98	3.36	55.98	
23/07/2024 04:15	19.45	6.35	124.77	15.25	16.24	1.66	26.97	14.32	47.82	15.6	306.69	34.29	3.5	56.95	
23/07/2024 04:20	19.45	6.35	124.77	15.25	16.15	1.57	26.99	14.31	47.82	15.6	306.69	34.09	3.31	56.97	
23/07/2024 04:25	19.45	6.35	124.77	15.25	16.3	1.68	27.39	14.31	47.82	15.6	306.69	34.36	3.55	57.74	
23/07/2024 04:30	19.45	6.35	124.77	15.25	16.16	1.57	26.73	14.3	47.82	15.6	306.69	34.06	3.31	56.33	
23/07/2024 04:35	19.45	6.35	124.77	15.25	16.26	1.66	26.68	14.3	47.82	15.6	306.69	34.26	3.5	56.23	
23/07/2024 04:40	19.45	6.35	124.77	15.25	16.14	1.62	27	14.3	47.82	15.6	306.69	34	3.42	56.9	
23/07/2024 04:45	19.45	6.35	124.77	15.25	16.24	1.65	26.74	14.3	47.82	15.6	306.69	34.21	3.49	56.32	
23/07/2024 04:50	19.45	6.35	124.77	15.25	16.18	1.59	26.73	14.3	47.82	15.6	306.69	34.07	3.35	56.3	
23/07/2024 04:55	19.45	6.35	124.77	15.25	16.28	1.61	26.83	14.29	47.82	15.6	306.69	34.26	3.39	56.46	
23/07/2024 05:00	19.45	6.35	124.77	15.25	16.26	1.68	27.3	14.3	47.82	15.6	306.69	34.22	3.53	57.48	
23/07/2024 05:05	19.45	6.35	124.77	15.25	16.16	1.58	27.37	14.29	47.82	15.6	306.69	33.99	3.32	57.56	
23/07/2024 05:10	19.45	6.35	124.77	15.25	16.13	1.61	27.44	14.29	47.82	15.6	306.69	33.94	3.4	57.75	
23/07/2024 05:15	19.45	6.35	124.77	15.25	16.03	1.56	27.58	14.29	47.82	15.6	306.69	33.71	3.28	58.02	
23/07/2024 05:20	19.45	6.35	124.77	15.25	16.15	1.65	27.49	14.3	47.82	15.6	306.69	34.01	3.48	57.89	
23/07/2024 05:25	19.45	6.35	124.77	15.25	16.09	1.6	27.28	14.3	47.82	15.6	306.69	33.88	3.37	57.44	
23/07/2024 05:30	19.45	6.35	124.77	15.25	16.07	1.63	27.53	14.3	47.82	15.6	306.69	33.83	3.44	57.95	
23/07/2024 05:35	19.45	6.35	124.77	15.25	16.08	1.6	27.32	14.3	47.82	15.6	306.69	33.85	3.36	57.5	
23/07/2024 05:40	19.45	6.35	124.77	15.25	16.1	1.63	27.43	14.3	47.82	15.6	306.69	33.91	3.44	57.77	
23/07/2024 05:45	19.45	6.35	124.77	15.25	16.13	1.58	27.67	14.3	47.82	15.6	306.69	33.98	3.34	58.27	
23/07/2024 05:50	19.45	6.35	124.77	15.25	16.09	1.63	27.75	14.3	47.82	15.6	306.69	33.87	3.43	58.4	
23/07/2024 05:55	19.45	6.35	124.77	15.25	16.18	1.58	27.03	14.3	47.82	15.6	306.69	34.06	3.33	56.89	
23/07/2024 06:00	19.45	6.35	124.77	15.25	16.15	1.63	27.34	14.29	47.82	15.6	306.69	33.98	3.44	57.51	
23/07/2024 06:05	19.45	6.35	124.77	15.25	16.09	1.58	27.4	14.3	47.82	15.6	306.69	33.86	3.32	57.67	
23/07/2024 06:10	19.45	6.35	124.77	15.25	16.15	1.6	27.04	14.29	47.82	15.6	306.69	33.96	3.36	56.87	
23/07/2024 06:15	19.45	6.35	124.77	15.25	16.14	1.6	27.44	14.29	47.82	15.6	306.69	33.95	3.36	57.73	
23/07/2024 06:20	19.45	6.35	124.77	15.25	16.17	1.6	27	14.29	47.82	15.6	306.69	33.99	3.37	56.77	
23/07/2024 06:25	19.45	6.35	124.77	15.25	16.12	1.58	26.86	14.29	47.82	15.6	306.69	33.91	3.32	56.51	
23/07/2024 06:30	19.45	6.35	124.77	15.25	16.26	1.69	27.02	14.29	47.82	15.6	306.69	34.18	3.55	56.83	
23/07/2024 06:35	19.45	6.35	124.77	15.25	16.1	1.48	27.05	14.29	47.82	15.6	306.69	33.84	3.1	56.86	
23/07/2024 06:40	19.45	6.35	124.77	15.25	16.18	1.6	26.72	14.28	47.82	15.6	306.69	33.98	3.36	56.14	
23/07/2024 06:45	19.45	6.35	124.77	15.25	16.16	1.61	27.18	14.29	47.82	15.6	306.69	33.98	3.38	57.17	
23/07/2024 06:50	19.45	6.35	124.77	15.25	16.19	1.55	26.65	14.29	47.82	15.6	306.69	34.02	3.26	56.01	
23/07/2024 06:55	19.45	6.35	124.77	15.25	16.29	1.6	26.6	14.29	47.82	15.6	306.69	34.24	3.36	55.9	
23/07/2024 07:00	19.45	6.35	124.77	15.25	16.37	1.56	26.71	14.28	47.82	15.6	306.69	34.38	3.27	56.1	
23/07/2024 07:05	19.45	6.35	124.77	15.25	16.31	1.63	27.16	14.28	47.82	15.6	306.69	34.25	3.42	57.02	
23/07/2024 07:10	19.45	6.35	124.77	15.25	16.08	1.55	27.19	14.28	47.82	15.6	306.69	33.77	3.25	57.1	
23/07/2024 07:15	19.45	6.35	124.77	15.25	16.21	1.58	27.12	14.28	47.82	15.6	306.69	34.05	3.31	56.98	
23/07/2024 07:20	19.45	6.35	124.77	15.25	16.25	1.58	27.05	14.28	47.82	15.6	306.69	34.16	3.32	56.84	
23/07/2024 07:25	19.45	6.35	124.77	15.25	16.01	1.45	26.86	14.28	47.82	15.6	306.69	33.61	3.04	56.41	
23/07/2024 07:30	19.45	6.35	124.77	15.25	16.15	1.54	27.12	14.28	47.82	15.6	306.69	33.93	3.23	56.99	
23/07/2024 07:35	19.45	6.35	124.77	15.25	16.14	1.58	27.63	14.29	47.82	15.6	306.69	33.93	3.32	58.07	
23/07/2024 07:40	19.45	6.35	124.77	15.25	16.12	1.49	26.9	14.29	47.82	15.6	306.69	33.87	3.13	56.54	
23/07/2024 07:45	19.45	6.35	124.77	15.25	16.15	1.61	26.55	14.28	47.82	15.6	306.69	33.93	3.38	55.78	
23/07/2024 07:50	19.45	6.35	124.77	15.25	16.02	1.38	26.81	14.28	47.82	15.6	306.69	33.64	2.9	56.29	
23/07/2024 07:55	19.45	6.35	124.77	15.25	16	1.47	27.24	14.28	47.82	15.6	306.69	33.59	3.09	57.2	
23/07/2024 08:00	19.45	6.35	124.77	15.25	16.01	1.49	26.94	14.28	47.82	15.6	306.69	33.61	3.12	56.57	
23/07/2024 08:05	19.45	6.35	124.77	15.25	16.03	1.4	26.37	14.28	47.82	15.6	306.69	33.63	2.93	55.33	
23/07/2024 08:10	19.45	6.35	124.77	15.25	16.29	1.41	25.87	14.28	47.82	15.6	306.69	34.2	2.96	54.31	
23/07/2024 08:15	19.45	6.35	124.77	15.25	16.18	1.43	26.75	14.28	47.82	15.6	306.69	33.96	3.01	56.15	
23/07/2024 08:20	19.45	6.35	124.77	15.25	16.19	1.45	26.83	14.28	47.82	15.6	306.69	34	3.05	56.34	
23/07/2024 08:25	19.45	6.35	124.77	15.25	16.01	1.47	27.64	14.28	47.82	15.6	306.69	33.6	3.09	58.03	
23/07/2024 08:30	19.45	6.35	124.77	15.25	16.02	1.38	27.55	14.28	47.82	15.6	306.69	33.65	2.9	57.84	
23/07/2024 08:35	19.45	6.35	124.77	15.25	15.99	1.34	26.55	14.28	47.82	15.6	306.69	33.57	2.81	55.74	
23/07/2024 08:40	19.45	6.35	124.77	15.25	16.22	1.43	26.43	14.28	47.82	15.6	306.69	34.04	3	55.48	
23/07/2024 08:45	19.45	6.35	124.77	15.25	16.16	1.42	26.98	14.28	47.82	15.6	306.69	33.91	2.98	56.62	
23/07/2024 08:50	19.45	6.35	124.77	15.25	16.01										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/07/2024 10:25	19.45	6.35	124.77	15.25	16.34	1.09	26.75	14.25	47.82	15.6	306.69	34.14	2.28	55.89	
23/07/2024 10:30	19.45	6.35	124.77	15.25	16.23	0.98	27.18	14.25	47.82	15.6	306.69	33.9	2.05	56.79	
23/07/2024 10:35	19.45	6.35	124.77	15.25	16.34	1.03	26.96	14.25	47.82	15.6	306.69	34.13	2.15	56.31	
23/07/2024 10:40	19.45	6.35	124.77	15.25	16.23	0.94	27.49	14.25	47.82	15.6	306.69	33.91	1.96	57.43	
23/07/2024 10:45	19.45	6.35	124.77	15.25	16.33	1	26.97	14.24	47.82	15.6	306.69	34.09	2.08	56.31	
23/07/2024 10:50	19.45	6.35	124.77	15.25	16.37	0.97	26.82	14.24	47.82	15.6	306.69	34.16	2.03	55.99	
23/07/2024 10:55	19.45	6.35	124.77	15.25	16.4	1.01	26.77	14.24	47.82	15.6	306.69	34.21	2.1	55.86	
23/07/2024 11:00	19.45	6.35	124.77	15.25	16.34	0.97	27.37	14.24	47.82	15.6	306.69	34.08	2.02	57.08	
23/07/2024 11:05	19.45	6.35	124.77	15.25	16.44	1.06	26.94	14.24	47.82	15.6	306.69	34.32	2.22	56.23	
23/07/2024 11:10	19.45	6.35	124.77	15.25	16.21	0.84	26.95	14.24	47.82	15.6	306.69	33.81	1.76	56.22	
23/07/2024 11:15	19.45	6.35	124.77	15.25	16.35	0.93	27.11	14.24	47.82	15.6	306.69	34.1	1.95	56.53	
23/07/2024 11:20	19.45	6.35	124.77	15.25	16.35	0.89	26.62	14.23	47.82	15.6	306.69	34.09	1.86	55.5	
23/07/2024 11:25	19.45	6.35	124.77	15.25	16.3	0.81	26.4	14.23	47.82	15.6	306.69	33.96	1.68	55.02	
23/07/2024 11:30	19.45	6.35	124.77	15.25	16.3	0.78	27.29	14.23	47.82	15.6	306.69	33.96	1.63	56.86	
23/07/2024 11:35	19.45	6.35	124.77	15.25	16.09	0.74	27.3	14.23	47.82	15.6	306.69	33.5	1.55	56.87	
23/07/2024 11:40	19.45	6.35	124.77	15.25	16.15	0.6	26.98	14.23	47.82	15.6	306.69	33.63	1.24	56.18	
23/07/2024 11:45	19.45	6.35	124.77	15.25	16.26	0.72	26.85	14.22	47.82	15.6	306.69	33.83	1.49	55.85	
23/07/2024 11:50	19.45	6.35	124.77	15.25	16.29	0.66	27.12	14.22	47.82	15.6	306.69	33.88	1.37	56.4	
23/07/2024 11:55	19.45	6.35	124.77	15.25	16.37	0.69	26.94	14.21	47.82	15.6	306.69	34.03	1.43	56	
23/07/2024 12:00	19.45	6.35	124.77	15.25	16.28	0.67	27.06	14.21	47.82	15.6	306.69	33.85	1.38	56.24	
23/07/2024 12:05	19.45	6.35	124.77	15.25	16.28	0.7	27.13	14.21	47.82	15.6	306.69	33.84	1.45	56.37	
23/07/2024 12:10	19.45	6.35	124.77	15.25	16.2	0.58	26.79	14.21	47.82	15.6	306.69	33.65	1.2	55.64	
23/07/2024 12:15	19.45	6.35	124.77	15.25	16.27	0.63	26.95	14.21	47.82	15.6	306.69	33.77	1.31	55.96	
23/07/2024 12:20	19.45	6.35	124.77	15.25	16.22	0.52	26.65	14.2	47.82	15.6	306.69	33.68	1.09	55.32	
23/07/2024 12:25	19.45	6.35	124.77	15.25	16.26	0.62	27.16	14.21	47.82	15.6	306.69	33.75	1.29	56.39	
23/07/2024 12:30	19.45	6.35	124.77	15.25	16.36	0.62	26.81	14.2	47.82	15.6	306.69	33.94	1.28	55.62	
23/07/2024 12:35	19.45	6.35	124.77	15.25	16.43	0.7	26.5	14.2	47.82	15.6	306.69	34.09	1.46	54.99	
23/07/2024 12:40	19.45	6.35	124.77	15.25	16.07	0.36	27.05	14.2	47.82	15.6	306.69	33.32	0.75	56.09	
23/07/2024 12:45	19.45	6.35	124.77	15.25	16.37	0.59	26.98	14.2	47.82	15.6	306.69	33.95	1.23	55.94	
23/07/2024 12:50	19.45	6.35	124.77	15.25	16.39	0.58	27.24	14.19	47.82	15.6	306.69	33.98	1.2	56.48	
23/07/2024 12:55	19.45	6.35	124.77	15.25	16.16	0.48	27.35	14.19	47.82	15.6	306.69	33.49	1	56.68	
23/07/2024 13:00	19.45	6.35	124.77	15.25	16.26	0.54	26.89	14.2	47.82	15.6	306.69	33.73	1.12	55.79	
23/07/2024 13:05	19.45	6.35	124.77	15.25	16.23	0.54	27.14	14.2	47.82	15.6	306.69	33.66	1.13	56.31	
23/07/2024 13:10	19.45	6.35	124.77	15.25	16.37	0.62	26.21	14.2	47.82	15.6	306.69	33.96	1.29	54.38	
23/07/2024 13:15	19.45	6.35	124.77	15.25	16.35	0.49	26.02	14.2	47.82	15.6	306.69	33.91	1.02	53.97	
23/07/2024 13:20	19.45	6.35	124.77	15.25	16.28	0.5	26.26	14.2	47.82	15.6	306.69	33.77	1.04	54.46	
23/07/2024 13:25	19.45	6.35	124.77	15.25	16.17	0.37	26.4	14.19	47.82	15.6	306.69	33.51	0.78	54.73	
23/07/2024 13:30	19.45	6.35	124.77	15.25	16.34	0.55	26.09	14.2	47.82	15.6	306.69	33.88	1.13	54.09	
23/07/2024 13:35	19.45	6.35	124.77	15.25	16.09	0.35	26.47	14.19	47.82	15.6	306.69	33.36	0.72	54.86	
23/07/2024 13:40	19.45	6.35	124.77	15.25	16.24	0.48	26.61	14.19	47.82	15.6	306.69	33.66	1	55.13	
23/07/2024 13:45	19.45	6.35	124.77	15.25	16.32	0.6	26.99	14.19	47.82	15.6	306.69	33.82	1.24	55.95	
23/07/2024 13:50	19.45	6.35	124.77	15.25	16.27	0.44	26.75	14.19	47.82	15.6	306.69	33.73	0.92	55.44	
23/07/2024 13:55	19.45	6.35	124.77	15.25	16.28	0.61	27.09	14.19	47.82	15.6	306.69	33.73	1.26	56.13	
23/07/2024 14:00	19.45	6.35	124.77	15.25	16.23	0.49	27.16	14.19	47.82	15.6	306.69	33.62	1.01	56.28	
23/07/2024 14:05	19.45	6.35	124.77	15.25	16.22	0.45	26.92	14.19	47.82	15.6	306.69	33.61	0.92	55.77	
23/07/2024 14:10	19.45	6.35	124.77	15.25	16.23	0.54	26.7	14.19	47.82	15.6	306.69	33.63	1.11	55.34	
23/07/2024 14:15	19.45	6.35	124.77	15.25	16.26	0.57	26.97	14.2	47.82	15.6	306.69	33.71	1.19	55.92	
23/07/2024 14:20	19.45	6.35	124.77	15.25	16.28	0.49	26.54	14.19	47.82	15.6	306.69	33.73	1.02	55	
23/07/2024 14:25	19.45	6.35	124.77	15.25	16.06	0.26	26.55	14.19	47.82	15.6	306.69	33.26	0.54	55	
23/07/2024 14:30	19.45	6.35	124.77	15.25	16.21	0.21	26.13	14.19	47.82	15.6	306.69	33.59	0.44	54.14	
23/07/2024 14:35	19.45	6.35	124.77	15.25	16.27	0.32	25.73	14.19	47.82	15.6	306.69	33.71	0.67	53.31	
23/07/2024 14:40	19.45	6.35	124.77	15.25	16.25	0.29	25.87	14.19	47.82	15.6	306.69	33.66	0.6	53.59	
23/07/2024 14:45	19.45	6.35	124.77	15.25	16.5	0.48	25.61	14.19	47.82	15.6	306.69	34.18	1	53.04	
23/07/2024 14:50	19.45	6.35	124.77	15.25	16.35	0.36	25.73	14.19	47.82	15.6	306.69	33.88	0.75	53.31	
23/07/2024 14:55	19.45	6.35	124.77	15.25	16.56	0.56	26.15	14.2	47.82	15.6	306.69	34.34	1.15	54.21	
23/07/2024 15:00	19.45	6.35	124.77	15.25	16.46	0.51	26.25	14.2	47.82	15.6	306.69	34.13	1.05	54.43	
23/07/2024 15:05	19.45	6.35	124.77	15.25	16.32	0.42	26.3	14.2	47.82	15.6	306.69	33.83	0.87	54.52	
23/07/2024 15:10	19.45	6.35	124.77	15.25	16.48	0.5	26.56	14.2	47.82	15.6	306.69	34.18	1.04	55.09	
23/07/2024 15:15	19.45	6.35	124.77	15.25	16.46	0.58	26.48	14.2	47.82	15.6	306.69	34.15	1.2	54.94	
23/07/2024 15:20	19.45	6.35	124.77	15.25	16.48	0.6	26.85	14.21	47.82	15.6	306.69	34.22	1.25	55.74	
23/07/2024 15:25	19.45	6.35	124.77	15.25	16.5	0.7	27.17	14.21	47.82	15.6	306.69	34.26	1.46	56.43	
23/07/2024 15:30	19.45	6.35	124.77	15.25	16.45	0.7	27.05	14.21	47.82	15.6	306.69	34.16	1.45	56.17	
23/07/2024 15:35	19.45	6.35	124.77	15.25	16.54	0.76	27.21	14.2	47.82	15.6	306.69	34.33	1.57	56.49	
23/07/2024 15:40	19.45	6.35	124.77	15.25	16.44	0.73	26.96	14.2	47.82	15.6	306.69	34.08	1.51	55.89	
23/07/2024 15:45	19.45	6.35	124.77	15.25	16.43	0.73	27.12	14.19	47.82	15.6	306.69	34.04	1.51	56.21	
23/07/2024 15:50	19.45	6.35	124.77	15.25	16.4	0.71	27.28	14.19	47.82	15.6	306.69	33.99	1.47	56.52	
23/07/2024 15:55	19.45	6.35	124.77	15.25	16.6	0.89	26.55	14.2	47.82	15.6	306.69	34.42	1.85	55.05	
23/07/2024 16:00	19.45	6.35	124.77	15.25	16.56	0.76	26.89	14.19	47.82	15.6	306.69	34.33	1.58	55.74	
23/07/2024 16:05	19.45	6.35	124.77	15.25	16.38	0.75	27.26	14.19	47.82	15.6	306.69	33.94	1.54	56.5	
23/07/2024 16:10	19.45	6.35	124.77	15.25	16.46	1	27.19	14.2	47.82	15.6	306.69	34.14	2.08	56.4	
23/07/2024 16:15	19.45	6.35	124.77	15.25	16.72	1.08	26.25	14.2	47.82	15.6	306.69	34.69	2.25	54.45	
23/07/2024 16:20	19.45	6.35	124.77	15.25	16.85	1.24	26.98	14.2	47.82	15.6	306.69	34.98	2.58	56	
23/07/2024 16:25	19.45	6.35	124.77	15.25	16.6	1.22	27.06	14.2							



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/07/2024 18:00	19.45	6.35	124.77	15.25	16.5	1.71	28.49	14.23	47.82	15.6	306.69	34.35	3.56	59.34	
23/07/2024 18:05	19.45	6.35	124.77	15.25	16.55	1.62	27.82	14.23	47.82	15.6	306.69	34.49	3.38	57.98	
23/07/2024 18:10	19.45	6.35	124.77	15.25	16.54	1.67	27.97	14.23	47.82	15.6	306.69	34.47	3.47	58.29	
23/07/2024 18:15	19.45	6.35	124.77	15.25	16.52	1.66	28.08	14.23	47.82	15.6	306.69	34.45	3.47	58.54	
23/07/2024 18:20	19.45	6.35	124.77	15.25	16.66	1.65	26.98	14.23	47.82	15.6	306.69	34.72	3.43	56.22	
23/07/2024 18:25	19.45	6.35	124.77	15.25	16.71	1.62	27.18	14.23	47.82	15.6	306.69	34.85	3.38	56.67	
23/07/2024 18:30	19.45	6.35	124.77	15.25	16.58	1.67	27.94	14.23	47.82	15.6	306.69	34.55	3.49	58.22	
23/07/2024 18:35	19.45	6.35	124.77	15.25	16.6	1.64	26.65	14.23	47.82	15.6	306.69	34.59	3.42	55.54	
23/07/2024 18:40	19.45	6.35	124.77	15.25	16.54	1.63	26.54	14.22	47.82	15.6	306.69	34.45	3.39	55.27	
23/07/2024 18:45	19.45	6.35	124.77	15.25	16.49	1.68	27.45	14.23	47.82	15.6	306.69	34.37	3.5	57.22	
23/07/2024 18:50	19.45	6.35	124.77	15.25	16.4	1.65	27.63	14.23	47.82	15.6	306.69	34.16	3.44	57.57	
23/07/2024 18:55	19.45	6.35	124.77	15.25	16.42	1.69	27.54	14.23	47.82	15.6	306.69	34.24	3.52	57.42	
23/07/2024 19:00	19.45	6.35	124.77	15.25	16.2	1.64	27.75	14.24	47.82	15.6	306.69	33.79	3.43	57.88	
23/07/2024 19:05	19.45	6.35	124.77	15.25	16.4	1.69	27.75	14.24	47.82	15.6	306.69	34.2	3.53	57.87	
23/07/2024 19:10	19.45	6.35	124.77	15.25	16.25	1.62	27.54	14.24	47.82	15.6	306.69	33.89	3.37	57.46	
23/07/2024 19:15	19.45	6.35	124.77	15.25	16.36	1.65	27.39	14.23	47.82	15.6	306.69	34.12	3.45	57.11	
23/07/2024 19:20	19.45	6.35	124.77	15.25	16.4	1.62	27.55	14.24	47.82	15.6	306.69	34.21	3.38	57.48	
23/07/2024 19:25	19.45	6.35	124.77	15.25	16.42	1.67	27.79	14.24	47.82	15.6	306.69	34.26	3.49	57.97	
23/07/2024 19:30	19.45	6.35	124.77	15.25	16.33	1.69	28.06	14.24	47.82	15.6	306.69	34.09	3.52	58.58	
23/07/2024 19:35	19.45	6.35	124.77	15.25	16.26	1.67	27.92	14.24	47.82	15.6	306.69	33.93	3.49	58.25	
23/07/2024 19:40	19.45	6.35	124.77	15.25	16.35	1.72	27.94	14.24	47.82	15.6	306.69	34.12	3.59	58.32	
23/07/2024 19:45	19.45	6.35	124.77	15.25	16.36	1.71	28.23	14.24	47.82	15.6	306.69	34.14	3.57	58.9	
23/07/2024 19:50	19.45	6.35	124.77	15.25	16.22	1.67	28.23	14.23	47.82	15.6	306.69	33.81	3.48	58.86	
23/07/2024 19:55	19.45	6.35	124.77	15.25	16.48	1.73	27.75	14.24	47.82	15.6	306.69	34.4	3.61	57.93	
23/07/2024 20:00	19.45	6.35	124.77	15.25	16.29	1.71	27.95	14.24	47.82	15.6	306.69	34	3.58	58.31	
23/07/2024 20:05	19.45	6.35	124.77	15.25	16.37	1.69	27.93	14.24	47.82	15.6	306.69	34.14	3.54	58.27	
23/07/2024 20:10	19.45	6.35	124.77	15.25	16.31	1.75	28.23	14.24	47.82	15.6	306.69	34.03	3.65	58.89	
23/07/2024 20:15	19.45	6.35	124.77	15.25	16.4	1.77	28.23	14.24	47.82	15.6	306.69	34.21	3.69	58.9	
23/07/2024 20:20	19.45	6.35	124.77	15.25	16.28	1.7	28.19	14.24	47.82	15.6	306.69	33.99	3.55	58.85	
23/07/2024 20:25	19.45	6.35	124.77	15.25	16.4	1.78	28.13	14.24	47.82	15.6	306.69	34.23	3.71	58.68	
23/07/2024 20:30	19.45	6.35	124.77	15.25	16.38	1.71	28.22	14.24	47.82	15.6	306.69	34.18	3.57	58.89	
23/07/2024 20:35	19.45	6.35	124.77	15.25	16.39	1.74	28.32	14.24	47.82	15.6	306.69	34.19	3.64	59.08	
23/07/2024 20:40	19.45	6.35	124.77	15.25	16.41	1.75	28.45	14.24	47.82	15.6	306.69	34.24	3.66	59.38	
23/07/2024 20:45	19.45	6.35	124.77	15.25	16.33	1.67	28.17	14.24	47.82	15.6	306.69	34.06	3.49	58.77	
23/07/2024 20:50	19.45	6.35	124.77	15.25	16.44	1.74	28.01	14.24	47.82	15.6	306.69	34.32	3.62	58.48	
23/07/2024 20:55	19.45	6.35	124.77	15.25	16.54	1.75	27.97	14.24	47.82	15.6	306.69	34.55	3.66	58.4	
23/07/2024 21:00	19.45	6.35	124.77	15.25	16.31	1.67	27.94	14.24	47.82	15.6	306.69	34.03	3.48	58.3	
23/07/2024 21:05	19.45	6.35	124.77	15.25	16.48	1.73	28.05	14.24	47.82	15.6	306.69	34.41	3.62	58.55	
23/07/2024 21:10	19.45	6.35	124.77	15.25	16.29	1.64	27.82	14.23	47.82	15.6	306.69	33.98	3.43	58.02	
23/07/2024 21:15	19.45	6.35	124.77	15.25	16.43	1.73	27.98	14.24	47.82	15.6	306.69	34.29	3.61	58.4	
23/07/2024 21:20	19.45	6.35	124.77	15.25	16.27	1.56	27.66	14.24	47.82	15.6	306.69	33.94	3.25	57.7	
23/07/2024 21:25	19.45	6.35	124.77	15.25	16.44	1.72	27.49	14.24	47.82	15.6	306.69	34.3	3.58	57.35	
23/07/2024 21:30	19.45	6.35	124.77	15.25	16.33	1.66	27.45	14.24	47.82	15.6	306.69	34.07	3.47	57.27	
23/07/2024 21:35	19.45	6.35	124.77	15.25	16.36	1.74	27.73	14.24	47.82	15.6	306.69	34.13	3.62	57.84	
23/07/2024 21:40	19.45	6.35	124.77	15.25	16.41	1.67	27.77	14.24	47.82	15.6	306.69	34.25	3.5	57.96	
23/07/2024 21:45	19.45	6.35	124.77	15.25	16.39	1.67	27.98	14.24	47.82	15.6	306.69	34.2	3.49	58.36	
23/07/2024 21:50	19.45	6.35	124.77	15.25	16.52	1.74	27.7	14.24	47.82	15.6	306.69	34.48	3.62	57.82	
23/07/2024 21:55	19.45	6.35	124.77	15.25	16.42	1.67	27.76	14.24	47.82	15.6	306.69	34.26	3.48	57.93	
23/07/2024 22:00	19.45	6.35	124.77	15.25	16.34	1.57	27.87	14.24	47.82	15.6	306.69	34.12	3.27	58.19	
23/07/2024 22:05	19.45	6.35	124.77	15.25	16.56	1.71	27.04	14.24	47.82	15.6	306.69	34.55	3.56	56.43	
23/07/2024 22:10	19.45	6.35	124.77	15.25	16.55	1.66	26.76	14.24	47.82	15.6	306.69	34.55	3.47	55.85	
23/07/2024 22:15	19.45	6.35	124.77	15.25	16.34	1.53	27.1	14.24	47.82	15.6	306.69	34.1	3.19	56.53	
23/07/2024 22:20	19.45	6.35	124.77	15.25	16.45	1.67	27.11	14.24	47.82	15.6	306.69	34.3	3.48	56.54	
23/07/2024 22:25	19.45	6.35	124.77	15.25	16.43	1.63	27.52	14.23	47.82	15.6	306.69	34.26	3.4	57.39	
23/07/2024 22:30	19.45	6.35	124.77	15.25	16.42	1.66	27.42	14.23	47.82	15.6	306.69	34.24	3.46	57.15	
23/07/2024 22:35	19.45	6.35	124.77	15.25	16.33	1.62	27	14.23	47.82	15.6	306.69	34.05	3.37	56.3	
23/07/2024 22:40	19.45	6.35	124.77	15.25	16.44	1.7	27.71	14.23	47.82	15.6	306.69	34.26	3.55	57.75	
23/07/2024 22:45	19.45	6.35	124.77	15.25	16.36	1.59	27.97	14.23	47.82	15.6	306.69	34.11	3.32	58.29	
23/07/2024 22:50	19.45	6.35	124.77	15.25	16.29	1.62	27.99	14.23	47.82	15.6	306.69	33.95	3.38	58.33	
23/07/2024 22:55	19.45	6.35	124.77	15.25	16.45	1.64	27.94	14.23	47.82	15.6	306.69	34.3	3.41	58.24	
23/07/2024 23:00	19.45	6.35	124.77	15.25	16.37	1.66	28.6	14.23	47.82	15.6	306.69	34.09	3.46	59.58	
23/07/2024 23:05	19.45	6.35	124.77	15.25	16.41	1.67	27.83	14.23	47.82	15.6	306.69	34.19	3.48	58	
23/07/2024 23:10	19.45	6.35	124.77	15.25	16.35	1.62	27.68	14.22	47.82	15.6	306.69	34.04	3.37	57.64	
23/07/2024 23:15	19.45	6.35	124.77	15.25	16.35	1.67	28.08	14.23	47.82	15.6	306.69	34.07	3.47	58.49	
23/07/2024 23:20	19.45	6.35	124.77	15.25	16.29	1.58	27.91	14.23	47.82	15.6	306.69	33.92	3.29	58.13	
23/07/2024 23:25	19.45	6.35	124.77	15.25	16.4	1.66	27.33	14.23	47.82	15.6	306.69	34.16	3.46	56.95	
23/07/2024 23:30	19.45	6.35	124.77	15.25	16.37	1.59	26.95	14.23	47.82	15.6	306.69	34.09	3.31	56.13	
23/07/2024 23:35	19.45	6.35	124.77	15.25	16.31	1.53	26.54	14.23	47.82	15.6	306.69	33.95	3.18	55.26	
23/07/2024 23:40	19.45	6.35	124.77	15.25	16.29	1.56	27.01	14.23	47.82	15.6	306.69	33.95	3.25	56.3	
23/07/2024 23:45	19.45	6.35	124.77	15.25	16.29	1.55	26.79	14.23	47.82	15.6	306.69	33.95	3.23	55.82	
23/07/2024 23:50	19.45	6.35	124.77	15.25	16.41	1.64	27.12	14.23	47.82	15.6	306.69	34.22	3.43	56.55	
23/07/2024 23:55	19.45	6.35	124.77	15.25	16.38	1.65	27.25	14.23	47.82	15.6	306.69	34.14	3.44	56.8	
24/07/2024 00:00	19.45	6.3													



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
24/07/2024 01:35	19.45	6.35	124.77	15.25	16.35	1.66	27.73	14.23	47.82	15.6	306.69	34.07	3.46	57.79	
24/07/2024 01:40	19.45	6.35	124.77	15.25	16.26	1.66	27.51	14.24	47.82	15.6	306.69	33.92	3.47	57.41	
24/07/2024 01:45	19.45	6.35	124.77	15.25	16.39	1.73	27.52	14.23	47.82	15.6	306.69	34.17	3.61	57.38	
24/07/2024 01:50	19.45	6.35	124.77	15.25	16.14	1.56	27.74	14.23	47.82	15.6	306.69	33.66	3.25	57.85	
24/07/2024 01:55	19.45	6.35	124.77	15.25	16.32	1.7	27.7	14.24	47.82	15.6	306.69	34.03	3.55	57.77	
24/07/2024 02:00	19.45	6.35	124.77	15.25	16.4	1.69	28.05	14.24	47.82	15.6	306.69	34.21	3.53	58.51	
24/07/2024 02:05	19.45	6.35	124.77	15.25	16.32	1.65	27.81	14.23	47.82	15.6	306.69	34.03	3.44	57.98	
24/07/2024 02:10	19.45	6.35	124.77	15.25	16.4	1.69	27.77	14.23	47.82	15.6	306.69	34.2	3.53	57.9	
24/07/2024 02:15	19.45	6.35	124.77	15.25	16.28	1.65	27.76	14.23	47.82	15.6	306.69	33.93	3.44	57.84	
24/07/2024 02:20	19.45	6.35	124.77	15.25	16.44	1.71	28.16	14.23	47.82	15.6	306.69	34.28	3.57	58.71	
24/07/2024 02:25	19.45	6.35	124.77	15.25	16.43	1.64	27.43	14.23	47.82	15.6	306.69	34.26	3.42	57.19	
24/07/2024 02:30	19.45	6.35	124.77	15.25	16.42	1.78	27.92	14.23	47.82	15.6	306.69	34.21	3.71	58.19	
24/07/2024 02:35	19.45	6.35	124.77	15.25	16.37	1.6	27.92	14.23	47.82	15.6	306.69	34.11	3.34	58.18	
24/07/2024 02:40	19.45	6.35	124.77	15.25	16.21	1.62	27.68	14.22	47.82	15.6	306.69	33.75	3.37	57.64	
24/07/2024 02:45	19.45	6.35	124.77	15.25	16.24	1.7	28.11	14.23	47.82	15.6	306.69	33.85	3.54	58.56	
24/07/2024 02:50	19.45	6.35	124.77	15.25	16.34	1.71	27.97	14.23	47.82	15.6	306.69	34.04	3.55	58.26	
24/07/2024 02:55	19.45	6.35	124.77	15.25	16.43	1.73	28.02	14.23	47.82	15.6	306.69	34.25	3.6	58.42	
24/07/2024 03:00	19.45	6.35	124.77	15.25	16.3	1.76	28.08	14.23	47.82	15.6	306.69	33.96	3.66	58.51	
24/07/2024 03:05	19.45	6.35	124.77	15.25	16.17	1.58	27.73	14.23	47.82	15.6	306.69	33.69	3.3	57.77	
24/07/2024 03:10	19.45	6.35	124.77	15.25	16.31	1.71	27.79	14.23	47.82	15.6	306.69	33.99	3.57	57.9	
24/07/2024 03:15	19.45	6.35	124.77	15.25	16.33	1.76	27.81	14.23	47.82	15.6	306.69	34.04	3.66	57.96	
24/07/2024 03:20	19.45	6.35	124.77	15.25	16.31	1.7	28.41	14.23	47.82	15.6	306.69	33.98	3.54	59.19	
24/07/2024 03:25	19.45	6.35	124.77	15.25	16.32	1.77	28.18	14.23	47.82	15.6	306.69	34	3.68	58.7	
24/07/2024 03:30	19.45	6.35	124.77	15.25	16.32	1.68	27.87	14.23	47.82	15.6	306.69	34	3.5	58.07	
24/07/2024 03:35	19.45	6.35	124.77	15.25	16.4	1.73	27.7	14.23	47.82	15.6	306.69	34.17	3.61	57.69	
24/07/2024 03:40	19.45	6.35	124.77	15.25	16.33	1.72	28.05	14.23	47.82	15.6	306.69	34.04	3.59	58.47	
24/07/2024 03:45	19.45	6.35	124.77	15.25	16.39	1.71	27.94	14.23	47.82	15.6	306.69	34.16	3.57	58.21	
24/07/2024 03:50	19.45	6.35	124.77	15.25	16.39	1.75	27.6	14.23	47.82	15.6	306.69	34.16	3.65	57.52	
24/07/2024 03:55	19.45	6.35	124.77	15.25	16.29	1.61	27.89	14.23	47.82	15.6	306.69	33.94	3.36	58.1	
24/07/2024 04:00	19.45	6.35	124.77	15.25	16.19	1.62	28.21	14.23	47.82	15.6	306.69	33.73	3.37	58.79	
24/07/2024 04:05	19.45	6.35	124.77	15.25	16.44	1.71	27.96	14.22	47.82	15.6	306.69	34.23	3.56	58.21	
24/07/2024 04:10	19.45	6.35	124.77	15.25	16.38	1.74	27.67	14.22	47.82	15.6	306.69	34.11	3.63	57.62	
24/07/2024 04:15	19.45	6.35	124.77	15.25	16.4	1.69	27.64	14.22	47.82	15.6	306.69	34.15	3.51	57.55	
24/07/2024 04:20	19.45	6.35	124.77	15.25	16.5	1.78	27.8	14.23	47.82	15.6	306.69	34.36	3.7	57.9	
24/07/2024 04:25	19.45	6.35	124.77	15.25	16.47	1.72	28.08	14.23	47.82	15.6	306.69	34.33	3.59	58.51	
24/07/2024 04:30	19.45	6.35	124.77	15.25	16.44	1.76	27.86	14.23	47.82	15.6	306.69	34.26	3.67	58.05	
24/07/2024 04:35	19.45	6.35	124.77	15.25	16.47	1.74	27.66	14.23	47.82	15.6	306.69	34.33	3.63	57.64	
24/07/2024 04:40	19.45	6.35	124.77	15.25	16.28	1.7	27.79	14.23	47.82	15.6	306.69	33.9	3.54	57.88	
24/07/2024 04:45	19.45	6.35	124.77	15.25	16.33	1.7	28.13	14.23	47.82	15.6	306.69	34.02	3.54	58.6	
24/07/2024 04:50	19.45	6.35	124.77	15.25	16.31	1.65	28.27	14.22	47.82	15.6	306.69	33.93	3.44	58.82	
24/07/2024 04:55	19.45	6.35	124.77	15.25	16.42	1.83	28.47	14.23	47.82	15.6	306.69	34.18	3.82	59.28	
24/07/2024 05:00	19.45	6.35	124.77	15.25	16.29	1.69	28.39	14.22	47.82	15.6	306.69	33.91	3.53	59.1	
24/07/2024 05:05	19.45	6.35	124.77	15.25	16.23	1.77	28.29	14.22	47.82	15.6	306.69	33.78	3.69	58.91	
24/07/2024 05:10	19.45	6.35	124.77	15.25	16.28	1.75	28.74	14.23	47.82	15.6	306.69	33.92	3.64	59.87	
24/07/2024 05:15	19.45	6.35	124.77	15.25	16.2	1.77	28.65	14.22	47.82	15.6	306.69	33.72	3.69	59.64	
24/07/2024 05:20	19.45	6.35	124.77	15.25	16.27	1.74	28.91	14.22	47.82	15.6	306.69	33.87	3.63	60.19	
24/07/2024 05:25	19.45	6.35	124.77	15.25	16.19	1.75	29.01	14.22	47.82	15.6	306.69	33.69	3.63	60.35	
24/07/2024 05:30	19.45	6.35	124.77	15.25	16.11	1.76	29.04	14.22	47.82	15.6	306.69	33.52	3.66	60.44	
24/07/2024 05:35	19.45	6.35	124.77	15.25	16.24	1.77	29.05	14.22	47.82	15.6	306.69	33.77	3.69	60.42	
24/07/2024 05:40	19.45	6.35	124.77	15.25	16.36	1.83	28.8	14.22	47.82	15.6	306.69	34.05	3.81	59.95	
24/07/2024 05:45	19.45	6.35	124.77	15.25	16.13	1.76	29.17	14.22	47.82	15.6	306.69	33.57	3.66	60.71	
24/07/2024 05:50	19.45	6.35	124.77	15.25	16.15	1.67	29.12	14.22	47.82	15.6	306.69	33.63	3.48	60.63	
24/07/2024 05:55	19.45	6.35	124.77	15.25	16.22	1.76	29.08	14.22	47.82	15.6	306.69	33.77	3.65	60.53	
24/07/2024 06:00	19.45	6.35	124.77	15.25	16.09	1.72	28.9	14.22	47.82	15.6	306.69	33.49	3.59	60.14	
24/07/2024 06:05	19.45	6.35	124.77	15.25	16.1	1.78	28.8	14.22	47.82	15.6	306.69	33.52	3.71	59.95	
24/07/2024 06:10	19.45	6.35	124.77	15.25	16.31	1.89	29.03	14.22	47.82	15.6	306.69	33.97	3.93	60.45	
24/07/2024 06:15	19.45	6.35	124.77	15.25	16.15	1.69	28.95	14.22	47.82	15.6	306.69	33.62	3.52	60.26	
24/07/2024 06:20	19.45	6.35	124.77	15.25	16.25	1.77	28.18	14.22	47.82	15.6	306.69	33.8	3.68	58.63	
24/07/2024 06:25	19.45	6.35	124.77	15.25	16.29	1.76	28.15	14.22	47.82	15.6	306.69	33.92	3.66	58.6	
24/07/2024 06:30	19.45	6.35	124.77	15.25	16.25	1.78	28.49	14.22	47.82	15.6	306.69	33.8	3.7	59.25	
24/07/2024 06:35	19.45	6.35	124.77	15.25	16.2	1.8	29.08	14.22	47.82	15.6	306.69	33.72	3.74	60.53	
24/07/2024 06:40	19.45	6.35	124.77	15.25	16.19	1.76	29.02	14.22	47.82	15.6	306.69	33.69	3.66	60.39	
24/07/2024 06:45	19.45	6.35	124.77	15.25	16.22	1.8	29.01	14.22	47.82	15.6	306.69	33.75	3.74	60.37	
24/07/2024 06:50	19.45	6.35	124.77	15.25	16.23	1.71	28.44	14.22	47.82	15.6	306.69	33.76	3.56	59.16	
24/07/2024 06:55	19.45	6.35	124.77	15.25	16.26	1.92	28.81	14.22	47.82	15.6	306.69	33.84	4.01	59.98	
24/07/2024 07:00	19.45	6.35	124.77	15.25	15.92	1.57	28.57	14.22	47.82	15.6	306.69	33.12	3.27	59.44	
24/07/2024 07:05	19.45	6.35	124.77	15.25	16.23	1.77	28.82	14.22	47.82	15.6	306.69	33.77	3.68	59.96	
24/07/2024 07:10	19.45	6.35	124.77	15.25	16.22	1.75	28.81	14.22	47.82	15.6	306.69	33.75	3.64	59.96	
24/07/2024 07:15	19.45	6.35	124.77	15.25	16.21	1.8	29.01	14.22	47.82	15.6	306.69	33.73	3.74	60.37	
24/07/2024 07:20	19.45	6.35	124.77	15.25	16.16	1.75	28.85	14.23	47.82	15.6	306.69	33.67	3.65	60.1	
24/07/2024 07:25	19.45	6.35	124.77	15.25	16.19	1.72	28.72	14.22	47.82	15.6	306.69	33.69	3.58	59.78	
24/07/2024 07:30	19.45	6.35	124.77	15.25	16.23	1.76	28.73	14.23	47.82	15.6	306.69	33.81	3.67	59.85	
24/07/2024 07:35	19.45	6.35	1												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
24/07/2024 09:10	19.45	6.35	124.77	15.25	16.64	1.34	27.21	14.21	47.82	15.6	306.69	34.6	2.78	56.57	
24/07/2024 09:15	19.45	6.35	124.77	15.25	16.67	1.34	27.14	14.22	47.82	15.6	306.69	34.66	2.79	56.42	
24/07/2024 09:20	19.45	6.35	124.77	15.25	16.52	1.23	27.09	14.21	47.82	15.6	306.69	34.32	2.56	56.3	
24/07/2024 09:25	19.45	6.35	124.77	15.25	16.54	1.17	26.71	14.21	47.82	15.6	306.69	34.35	2.44	55.49	
24/07/2024 09:30	19.45	6.35	124.77	15.25	16.69	1.25	26.84	14.21	47.82	15.6	306.69	34.67	2.6	55.75	
24/07/2024 09:35	19.45	6.35	124.77	15.25	16.54	1.06	26.78	14.21	47.82	15.6	306.69	34.34	2.21	55.61	
24/07/2024 09:40	19.45	6.35	124.77	15.25	16.71	1.23	26.84	14.21	47.82	15.6	306.69	34.71	2.55	55.75	
24/07/2024 09:45	19.45	6.35	124.77	15.25	16.66	1.16	26.92	14.21	47.82	15.6	306.69	34.62	2.42	55.92	
24/07/2024 09:50	19.45	6.35	124.77	15.25	16.57	1.15	27.02	14.23	47.82	15.6	306.69	34.51	2.4	56.27	
24/07/2024 09:55	19.45	6.35	124.77	15.25	16.71	1.14	26.96	14.23	47.82	15.6	306.69	34.82	2.38	56.17	
24/07/2024 10:00	19.45	6.35	124.77	15.25	16.64	1.1	27.04	14.22	47.82	15.6	306.69	34.64	2.3	56.31	
24/07/2024 10:05	19.45	6.35	124.77	15.25	16.64	1.14	27.32	14.22	47.82	15.6	306.69	34.62	2.38	56.85	
24/07/2024 10:10	19.45	6.35	124.77	15.25	16.61	1.15	27.16	14.22	47.82	15.6	306.69	34.54	2.38	56.47	
24/07/2024 10:15	19.45	6.35	124.77	15.25	16.6	1.11	27.64	14.21	47.82	15.6	306.69	34.51	2.31	57.48	
24/07/2024 10:20	19.45	6.35	124.77	15.25	16.4	1.06	28	14.21	47.82	15.6	306.69	34.1	2.21	58.21	
24/07/2024 10:25	19.45	6.35	124.77	15.25	16.45	1.09	27.73	14.22	47.82	15.6	306.69	34.2	2.27	57.67	
24/07/2024 10:30	19.45	6.35	124.77	15.25	16.48	1.12	27.61	14.21	47.82	15.6	306.69	34.27	2.33	57.41	
24/07/2024 10:35	19.45	6.35	124.77	15.25	16.52	1.11	27.31	14.21	47.82	15.6	306.69	34.33	2.31	56.76	
24/07/2024 10:40	19.45	6.35	124.77	15.25	16.47	1.11	27.61	14.21	47.82	15.6	306.69	34.22	2.31	57.37	
24/07/2024 10:45	19.45	6.35	124.77	15.25	16.53	1.09	27.59	14.21	47.82	15.6	306.69	34.33	2.25	57.31	
24/07/2024 10:50	19.45	6.35	124.77	15.25	16.44	1.1	27.22	14.2	47.82	15.6	306.69	34.12	2.29	56.51	
24/07/2024 10:55	19.45	6.35	124.77	15.25	16.41	1.12	27.35	14.2	47.82	15.6	306.69	34.05	2.33	56.76	
24/07/2024 11:00	19.45	6.35	124.77	15.25	16.12	1.12	31.72	14.2	47.82	15.6	306.69	33.44	2.33	65.81	
24/07/2024 11:05	19.45	6.35	124.77	15.25	16.61	1.09	28.34	14.2	47.82	15.6	306.69	34.47	2.27	58.81	
24/07/2024 11:10	19.45	6.35	124.77	15.25	16.71	1.2	27.48	14.21	47.82	15.6	306.69	34.7	2.5	57.08	
24/07/2024 11:15	19.45	6.35	124.77	15.25	16.66	1.03	27.38	14.2	47.82	15.6	306.69	34.59	2.14	56.83	
24/07/2024 11:20	19.45	6.35	124.77	15.25	16.61	1.07	27.89	14.21	47.82	15.6	306.69	34.49	2.23	57.9	
24/07/2024 11:25	19.45	6.35	124.77	15.25	16.42	0.93	27.35	14.2	47.82	15.6	306.69	34.07	1.93	56.75	
24/07/2024 11:30	19.45	6.35	124.77	15.25	16.56	1.02	27.59	14.2	47.82	15.6	306.69	34.37	2.12	57.25	
24/07/2024 11:35	19.45	6.35	124.77	15.25	16.64	0.91	27.37	14.2	47.82	15.6	306.69	34.52	1.88	56.76	
24/07/2024 11:40	19.45	6.35	124.77	15.25	16.61	0.97	27.48	14.2	47.82	15.6	306.69	34.45	2.02	56.99	
24/07/2024 11:45	19.45	6.35	124.77	15.25	16.52	0.86	27.38	14.2	47.82	15.6	306.69	34.24	1.78	56.75	
24/07/2024 11:50	19.45	6.35	124.77	15.25	16.8	0.99	26.92	14.2	47.82	15.6	306.69	34.83	2.06	55.82	
24/07/2024 11:55	19.45	6.35	124.77	15.25	16.55	0.7	27.36	14.19	47.82	15.6	306.69	34.31	1.45	56.7	
24/07/2024 12:00	19.45	6.35	124.77	15.25	16.66	0.98	27.78	14.19	47.82	15.6	306.69	34.52	2.04	57.55	
24/07/2024 12:05	19.45	6.35	124.77	15.25	16.53	0.77	27.09	14.18	47.82	15.6	306.69	34.21	1.59	56.05	
24/07/2024 12:10	19.45	6.35	124.77	15.25	16.58	0.8	27.02	14.18	47.82	15.6	306.69	34.28	1.65	55.88	
24/07/2024 12:15	19.45	6.35	124.77	15.25	16.83	0.89	27.24	14.18	47.82	15.6	306.69	34.81	1.84	56.33	
24/07/2024 12:20	19.45	6.35	124.77	15.25	16.29	0.41	27.11	14.17	47.82	15.6	306.69	33.68	0.84	56.04	
24/07/2024 12:25	19.45	6.35	124.77	15.25	16.71	0.79	27.16	14.18	47.82	15.6	306.69	34.54	1.63	56.15	
24/07/2024 12:30	19.45	6.35	124.77	15.25	16.5	0.56	26.82	14.17	47.82	15.6	306.69	34.07	1.16	55.4	
24/07/2024 12:35	19.45	6.35	124.77	15.25	16.44	0.59	27.09	14.17	47.82	15.6	306.69	33.95	1.22	55.95	
24/07/2024 12:40	19.45	6.35	124.77	15.25	16.58	0.59	26.92	14.17	47.82	15.6	306.69	34.23	1.22	55.58	
24/07/2024 12:45	19.45	6.35	124.77	15.25	16.59	0.62	27.12	14.17	47.82	15.6	306.69	34.24	1.28	55.98	
24/07/2024 12:50	19.45	6.35	124.77	15.25	16.68	0.65	26.42	14.16	47.82	15.6	306.69	34.41	1.34	54.49	
24/07/2024 12:55	19.45	6.35	124.77	15.25	16.52	0.5	26.78	14.16	47.82	15.6	306.69	34.07	1.02	55.21	
24/07/2024 13:00	19.45	6.35	124.77	15.25	16.69	0.74	26.92	14.16	47.82	15.6	306.69	34.42	1.52	55.53	
24/07/2024 13:05	19.45	6.35	124.77	15.25	16.35	0.41	26.75	14.16	47.82	15.6	306.69	33.7	0.85	55.15	
24/07/2024 13:10	19.45	6.35	124.77	15.25	16.62	0.72	26.73	14.16	47.82	15.6	306.69	34.27	1.48	55.12	
24/07/2024 13:15	19.45	6.35	124.77	15.25	16.5	0.62	27.02	14.16	47.82	15.6	306.69	34.03	1.28	55.72	
24/07/2024 13:20	19.45	6.35	124.77	15.25	16.63	0.75	26.95	14.16	47.82	15.6	306.69	34.29	1.54	55.58	
24/07/2024 13:25	19.45	6.35	124.77	15.25	16.49	0.58	26.83	14.16	47.82	15.6	306.69	33.98	1.19	55.3	
24/07/2024 13:30	19.45	6.35	124.77	15.25	16.65	0.72	26.87	14.16	47.82	15.6	306.69	34.32	1.49	55.37	
24/07/2024 13:35	19.45	6.35	124.77	15.25	16.65	0.68	26.85	14.16	47.82	15.6	306.69	34.33	1.4	55.37	
24/07/2024 13:40	19.45	6.35	124.77	15.25	16.77	0.75	26.7	14.16	47.82	15.6	306.69	34.6	1.56	55.1	
24/07/2024 13:45	19.45	6.35	124.77	15.25	16.53	0.65	27.24	14.17	47.82	15.6	306.69	34.13	1.35	56.22	
24/07/2024 13:50	19.45	6.35	124.77	15.25	16.4	0.67	27.19	14.17	47.82	15.6	306.69	33.85	1.38	56.11	
24/07/2024 13:55	19.45	6.35	124.77	15.25	16.77	0.77	26.55	14.17	47.82	15.6	306.69	34.62	1.58	54.82	
24/07/2024 14:00	19.45	6.35	124.77	15.25	16.74	0.7	26.16	14.17	47.82	15.6	306.69	34.54	1.44	53.99	
24/07/2024 14:05	19.45	6.35	124.77	15.25	16.51	0.59	26.82	14.17	47.82	15.6	306.69	34.08	1.22	55.36	
24/07/2024 14:10	19.45	6.35	124.77	15.25	16.55	0.73	28.19	14.17	47.82	15.6	306.69	34.18	1.5	58.2	
24/07/2024 14:15	19.45	6.35	124.77	15.25	16.81	0.93	27.95	14.17	47.82	15.6	306.69	34.72	1.91	57.73	
24/07/2024 14:20	19.45	6.35	124.77	15.25	16.3	0.48	27.38	14.17	47.82	15.6	306.69	33.64	0.99	56.53	
24/07/2024 14:25	19.45	6.35	124.77	15.25	16.62	0.8	27.84	14.17	47.82	15.6	306.69	34.35	1.64	57.53	
24/07/2024 14:30	19.45	6.35	124.77	15.25	16.4	0.75	27.7	14.17	47.82	15.6	306.69	33.89	1.54	57.24	
24/07/2024 14:35	19.45	6.35	124.77	15.25	16.44	0.7	27.48	14.17	47.82	15.6	306.69	33.96	1.45	56.78	
24/07/2024 14:40	19.45	6.35	124.77	15.25	16.41	0.66	27.23	14.17	47.82	15.6	306.69	33.89	1.37	56.25	
24/07/2024 14:45	19.45	6.35	124.77	15.25	16.4	0.7	28.03	14.17	47.82	15.6	306.69	33.87	1.45	57.9	
24/07/2024 14:50	19.45	6.35	124.77	15.25	16.63	0.94	27.66	14.18	47.82	15.6	306.69	34.38	1.95	57.16	
24/07/2024 14:55	19.45	6.35	124.77	15.25	16.44	0.84	27.77	14.17	47.82	15.6	306.69	33.96	1.73	57.37	
24/07/2024 15:00	19.45	6.35	124.77	15.25	16.51	0.73	27.94	14.17	47.82	15.6	306.69	34.11	1.51	57.72	
24/07/2024 15:05	19.45	6.35	124.77	15.25	16.58	0.81	27.67	14.17	47.82	15.6	306.69	34.25	1.67	57.16	
24/07/2024 15:10	19.45	6.35	124.77	15.25	16.32</										



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
24/07/2024 16:45	19.45	6.35	124.77	15.25	16.39	0.96	28.23	14.18	47.82	15.6	306.69	33.87	1.98	58.35	
24/07/2024 16:50	19.45	6.35	124.77	15.25	16.31	0.97	28.37	14.17	47.82	15.6	306.69	33.71	2	58.64	
24/07/2024 16:55	19.45	6.35	124.77	15.25	16.32	0.95	28.28	14.18	47.82	15.6	306.69	33.74	1.96	58.46	
24/07/2024 17:00	19.45	6.35	124.77	15.25	16.25	1.02	28.49	14.18	47.82	15.6	306.69	33.61	2.11	58.92	
24/07/2024 17:05	19.45	6.35	124.77	15.25	15.88	0.94	28.64	14.17	47.82	15.6	306.69	32.82	1.94	59.2	
24/07/2024 17:10	19.45	6.35	124.77	15.25	16.37	1.04	27.48	14.14	47.82	15.6	306.69	33.65	2.13	56.48	
24/07/2024 17:15	19.45	6.35	124.77	15.25	16.36	1.06	26.34	14.08	47.82	15.6	306.69	33.35	2.17	53.7	
24/07/2024 17:20	19.45	6.35	124.77	15.25	16.07	1.28	25.25	14.07	47.82	15.6	306.69	32.72	2.6	51.4	
24/07/2024 17:25	19.45	6.35	124.77	15.25	15.64	0.79	25.33	14.09	47.82	15.6	306.69	31.91	1.61	51.68	
24/07/2024 17:30	19.45	6.35	124.77	15.25	15.78	0.89	25.21	14.09	47.82	15.6	306.69	32.22	1.82	51.49	
24/07/2024 17:35	17.48	5.37	104.95	15.67	16.33	1.21	25.4	14.07	45.32	13.32	257.69	33.21	2.47	51.67	
24/07/2024 17:40	8.43	3.92	99.98	15.91	17.25	0.56	22.84	14.04	17.4	8.48	231.34	34.96	1.14	46.3	
24/07/2024 17:45	15.78	6.95	145.85	14.01	16.53	1.07	29.15	13.97	31.84	14.03	294.29	33.18	2.14	58.51	
24/07/2024 17:50	15.85	6.93	141.6	14	15.81	0.73	26.73	13.89	31.93	13.96	285.3	31.33	1.46	52.98	
24/07/2024 17:55	16.78	7.34	145.86	13.95	15.7	0.89	27.52	13.88	33.56	14.67	291.73	31.11	1.77	54.5	
24/07/2024 18:00	16.89	7.45	147	14	15.74	1.29	31.63	14	34.03	15.01	296.2	31.73	2.6	63.74	
24/07/2024 18:05	16.49	7.01	141.2	14.02	15.32	1.04	26.24	14.22	33.29	14.14	284.97	31.89	2.16	54.6	
24/07/2024 18:10	17.52	7.68	146.23	14.11	15.27	1.03	25.75	14.24	35.86	15.73	299.33	31.84	2.15	53.71	
24/07/2024 18:15	16.74	7.19	145.82	14.14	16	1.48	32.69	14.14	34.4	14.78	299.65	32.92	3.04	67.23	
24/07/2024 18:20	16.79	7.17	141.38	14.14	16.19	1.08	27.73	14.1	34.52	14.74	290.6	33.1	2.2	56.67	
24/07/2024 18:25	17.41	7.43	145.9	14.16	16.66	1.16	28.13	14.1	35.91	15.33	300.93	34.06	2.37	57.52	
24/07/2024 18:30	18.12	8.12	146.56	14.18	16.54	1.38	34.84	14.12	37.48	16.79	303.11	33.9	2.83	71.42	
24/07/2024 18:35	18.16	7.89	141.27	14.18	16.17	1.1	27.7	14.12	37.56	16.32	292.14	33.14	2.25	56.77	
24/07/2024 18:40	17.51	7.52	146.58	14.17	16.48	1.11	27.63	14.12	36.17	15.53	302.77	33.78	2.27	56.61	
24/07/2024 18:45	17.52	7.91	149.05	14.18	16.12	1.29	33.49	14.12	36.24	16.35	308.26	33.07	2.66	68.79	
24/07/2024 18:50	17.53	7.74	145.28	14.18	16.08	1.05	28.28	14.13	36.24	16.01	300.43	32.99	2.16	58.04	
24/07/2024 18:55	17.35	7.58	147.07	14.18	16.48	1.33	28.09	14.13	35.87	15.67	304.05	33.83	2.73	57.65	
24/07/2024 19:00	17.36	7.88	147.16	14.19	16.1	1.44	35.07	14.14	35.97	16.32	304.95	33.09	2.96	72.17	
24/07/2024 19:05	17.25	7.68	142.81	14.19	16.05	1.14	28.28	14.13	35.72	15.91	295.85	32.95	2.34	58.06	
24/07/2024 19:10	17.21	7.63	147.64	14.19	16.13	1.22	28.42	14.13	35.64	15.79	305.63	33.11	2.5	58.35	
24/07/2024 19:15	17.41	7.84	147.23	14.19	15.94	1.25	31.66	14.13	36.07	16.24	305.05	32.76	2.57	65.1	
24/07/2024 19:20	17.23	7.58	142.93	14.19	15.98	1.19	28.81	14.14	35.68	15.7	296.11	32.84	2.44	59.21	
24/07/2024 19:25	17.24	7.61	147.61	14.18	15.72	0.91	28.73	14.13	35.68	15.76	305.47	32.27	1.86	58.99	
24/07/2024 19:30	17.56	7.97	147.75	14.2	15.73	1.16	33.27	14.14	36.4	16.51	306.32	32.34	2.38	68.46	
24/07/2024 19:35	17.39	7.68	143.08	14.19	15.92	1.14	28.69	14.14	36.03	15.92	296.53	32.72	2.34	58.96	
24/07/2024 19:40	17.24	7.56	147.5	14.19	15.58	1.08	28.06	14.14	35.7	15.67	305.5	32.01	2.22	57.67	
24/07/2024 19:45	17.5	7.75	147.11	14.2	15.86	1.38	33.36	14.14	36.29	16.07	305.07	32.62	2.84	68.69	
24/07/2024 19:50	17.43	7.5	142.1	14.19	16.14	1.35	28.61	14.14	36.14	15.56	294.59	33.18	2.77	58.81	
24/07/2024 19:55	17.2	7.7	147.64	14.19	16.27	1.66	28.63	14.14	35.61	15.94	305.63	33.45	3.41	58.86	
24/07/2024 20:00	17.59	8.05	147.58	14.19	16.11	1.64	32.43	14.14	36.41	16.66	305.54	33.12	3.37	66.73	
24/07/2024 20:05	17.52	7.89	142.23	14.18	16	1.31	29.25	14.13	36.26	16.33	294.36	32.87	2.68	60.09	
24/07/2024 20:10	17.31	7.79	147.86	14.18	16.25	1.47	29.02	14.13	35.78	16.1	305.72	33.34	3.01	59.53	
24/07/2024 20:15	17.47	8.02	148.61	14.19	16.02	1.48	31.01	14.13	36.22	16.64	308.06	32.9	3.04	63.75	
24/07/2024 20:20	17.4	7.76	144.27	14.19	15.91	1.27	28.63	14.14	36.05	16.09	299.03	32.71	2.61	58.87	
24/07/2024 20:25	17.2	7.65	147.37	14.19	16.34	1.27	28.06	14.14	35.64	15.86	305.38	33.62	2.6	57.72	
24/07/2024 20:30	17.37	7.83	146.16	14.19	16.06	1.64	35.83	14.14	35.99	16.22	302.84	33.03	3.37	73.79	
24/07/2024 20:35	17.22	7.56	140.86	14.19	15.92	1.28	27.73	14.13	35.66	15.66	291.74	32.72	2.63	56.98	
24/07/2024 20:40	17.31	7.59	146.92	14.19	15.97	1.25	27	14.13	35.85	15.71	304.25	32.79	2.57	55.45	
24/07/2024 20:45	17.5	7.92	146.63	14.2	15.83	1.38	31.31	14.14	36.29	16.43	304.06	32.56	2.84	64.45	
24/07/2024 20:50	17.44	7.73	142.76	14.19	16.04	1.26	28.11	14.14	36.14	16.02	295.92	32.98	2.59	57.81	
24/07/2024 20:55	17.14	7.52	146.41	14.19	16.22	1.39	29.05	14.14	35.51	15.58	303.37	33.36	2.86	59.75	
24/07/2024 21:00	17.5	7.7	145.27	14.2	16.18	1.44	32.04	14.14	36.33	15.98	301.5	33.28	2.97	65.98	
24/07/2024 21:05	17.53	7.56	138.55	14.2	16.07	1.28	27.16	14.14	36.37	15.68	287.5	33.04	2.63	55.86	
24/07/2024 21:10	17.09	7.34	145.72	14.19	16.61	1.47	28	14.14	35.4	15.21	301.78	34.15	3.02	57.57	
24/07/2024 21:15	17.02	7.23	145.9	14.2	16.12	1.41	31.52	14.14	35.29	14.99	302.48	33.16	2.9	64.9	
24/07/2024 21:20	16.85	6.94	141.77	14.19	15.95	1.14	27.66	14.14	34.93	14.38	293.88	32.79	2.34	56.88	
24/07/2024 21:25	17.24	7.54	146.34	14.19	16.14	1.36	27.27	14.14	35.74	15.64	303.31	33.18	2.8	56.06	
24/07/2024 21:30	17.94	8.19	146.6	14.2	16.11	1.55	30.25	14.14	37.21	16.99	304.04	33.12	3.2	62.23	
24/07/2024 21:35	17.9	7.9	142.11	14.19	15.92	1.38	27.76	14.13	37.1	16.39	294.64	32.7	2.83	57	
24/07/2024 21:40	17.15	7.48	145.88	14.19	16.33	1.53	28.11	14.13	35.51	15.48	301.98	33.54	3.15	57.74	
24/07/2024 21:45	17.06	7.34	145.59	14.2	15.88	1.35	31.72	14.14	35.4	15.23	302.02	32.66	2.78	65.29	
24/07/2024 21:50	16.84	6.89	142.03	14.2	15.83	1.21	28.04	14.14	34.93	14.29	294.6	32.56	2.48	57.66	
24/07/2024 21:55	17.57	7.93	146.49	14.2	16.33	1.33	27.48	14.14	36.44	16.44	303.74	33.58	2.73	56.53	
24/07/2024 22:00	17.72	8.31	147.56	14.2	16.23	1.53	35.27	14.14	36.77	17.24	306.16	33.41	3.16	72.62	
24/07/2024 22:05	17.91	8.49	143.07	14.2	15.7	1.09	27.57	14.14	37.15	17.6	296.82	32.27	2.25	56.67	
24/07/2024 22:10	17.16	7.46	145.82	14.17	15.5	1.14	27.23	14.13	35.48	15.42	301.4	31.82	2.34	55.91	
24/07/2024 22:15	17.73	8.3	146.23	14.19	15.77	1.4	35.11	14.14	36.74	17.2	303.02	32.42	2.89	72.21	
24/07/2024 22:20	17.8	8.24	141.85	14.19	15.84	1.32	28.19	14.13	36.88	17.07	293.97	32.51	2.71	57.84	
24/07/2024 22:25	16.95	7.65	147.45	14.18	16.17	1.45	28.28	14.13	35.07	15.82	305.07	33.18	2.98	58.02	
24/07/2024 22:30	17.43	8.03	146.64	14.2	15.93	1.49	34.77	14.14	36.13	16.64	304.01	32.75	3.06	71.5	
24/07/2024 22:35	17.32	7.72	140.92	14.19	16.05	1.4	28.34	14.15	35.9	16	292.15	33.04	2.88	58.32	
24/07/2024 22:40	17.28	7.83	147.18	14.19	16.3	1.86	27.95	14.14	35.79	16.23	304.89	33.53	3.83	57.51	
24/07/2024 22:45	17.56	8.17	146.66	1											



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/07/2024 00:20	17.75	8.02	142.42	14.2	15.63	1.13	27.73	14.13	36.82	16.63	295.49	32.1	2.32	56.94	
25/07/2024 00:25	17.5	7.91	145.4	14.18	15.78	1.31	27.61	14.13	36.22	16.36	300.84	32.39	2.7	56.67	
25/07/2024 00:30	17.99	8.32	145.42	14.2	15.92	1.65	33.28	14.13	37.31	17.27	301.62	32.72	3.39	68.48	
25/07/2024 00:35	17.89	7.99	140.75	14.19	15.88	1.34	27.77	14.13	37.09	16.57	291.84	32.6	2.76	57	
25/07/2024 00:40	17.5	7.99	146.19	14.19	15.98	1.5	28.34	14.13	36.23	16.54	302.7	32.82	3.08	58.21	
25/07/2024 00:45	18.07	8.48	145.59	14.2	15.92	1.58	31.27	14.14	37.49	17.59	302.1	32.73	3.25	64.34	
25/07/2024 00:50	17.98	8.18	140.47	14.2	15.91	1.3	27.51	14.13	37.29	16.96	291.42	32.69	2.68	56.51	
25/07/2024 00:55	17.64	8.18	145.88	14.19	16.27	1.34	26.97	14.13	36.53	16.94	302.04	33.39	2.76	55.36	
25/07/2024 01:00	18.07	8.68	146.03	14.2	16.09	1.52	31.16	14.14	37.49	18.02	303.01	33.07	3.13	64.12	
25/07/2024 01:05	17.91	8.45	142.18	14.2	16.01	1.33	27.44	14.13	37.15	17.53	294.96	32.88	2.72	56.33	
25/07/2024 01:10	17.71	8.07	145.51	14.18	15.91	1.11	26.95	14.12	36.63	16.68	301	32.62	2.28	55.27	
25/07/2024 01:15	17.94	8.47	145.41	14.19	15.92	1.41	31.48	14.13	37.17	17.55	301.3	32.67	2.9	64.66	
25/07/2024 01:20	17.84	8.19	140.59	14.19	15.96	1.51	27.44	14.12	36.94	16.96	291.24	32.71	3.1	56.24	
25/07/2024 01:25	17.51	8.21	146.57	14.18	16.38	1.59	27.53	14.12	36.2	16.97	303.13	33.58	3.27	56.46	
25/07/2024 01:30	18.14	8.65	146.56	14.18	16.19	1.8	32.56	14.13	37.54	17.91	303.33	33.24	3.7	66.92	
25/07/2024 01:35	18.09	8.38	143.3	14.18	15.89	1.47	27.14	14.13	37.42	17.34	296.49	32.62	3.02	55.71	
25/07/2024 01:40	17.71	8.28	147.16	14.18	15.58	1.44	27.03	14.13	36.63	17.13	304.45	31.98	2.95	55.48	
25/07/2024 01:45	18.14	8.62	146.87	14.19	15.81	1.66	32.5	14.13	37.61	17.88	304.45	32.47	3.41	66.86	
25/07/2024 01:50	18.06	8.34	142.66	14.19	15.98	1.43	26.72	14.13	37.42	17.28	295.6	32.79	2.94	54.84	
25/07/2024 01:55	17.79	8.22	146.01	14.18	15.98	1.52	26.72	14.13	36.81	17.02	302.16	32.8	3.11	54.83	
25/07/2024 02:00	17.88	8.69	147.42	14.18	16.02	1.68	31.17	14.13	37.01	17.99	305.07	32.88	3.45	64.03	
25/07/2024 02:05	17.82	8.55	140.91	14.18	16.03	1.46	26.53	14.12	36.86	17.69	291.47	32.88	2.99	54.43	
25/07/2024 02:10	17.77	7.95	144.18	14.17	16.14	1.45	25.98	14.12	36.73	16.42	297.93	33.08	2.98	53.25	
25/07/2024 02:15	18.23	8.48	145.18	14.18	16.3	1.73	30.62	14.12	37.74	17.56	300.49	33.44	3.55	62.89	
25/07/2024 02:20	18.32	8.32	140.78	14.18	15.96	1.36	26.59	14.11	37.89	17.22	291.3	32.68	2.78	54.47	
25/07/2024 02:25	17.58	8.23	146.23	14.18	16.3	1.84	26.95	14.12	36.36	17.03	302.36	33.4	3.78	55.25	
25/07/2024 02:30	18.15	8.65	146.07	14.18	16.17	1.85	31.37	14.13	37.57	17.91	302.36	33.19	3.8	64.47	
25/07/2024 02:35	18.05	8.29	140.92	14.18	15.97	1.4	26.41	14.13	37.33	17.15	291.57	32.79	2.87	54.23	
25/07/2024 02:40	17.71	8.04	144.31	14.18	16.05	1.41	25.77	14.12	36.6	16.63	298.31	32.91	2.89	52.84	
25/07/2024 02:45	18.1	8.61	145.2	14.19	15.93	1.54	30.42	14.13	37.49	17.82	300.71	32.71	3.16	62.52	
25/07/2024 02:50	17.98	8.29	140.19	14.18	15.88	1.38	26.35	14.12	37.22	17.17	290.26	32.55	2.84	54.02	
25/07/2024 02:55	17.7	8.2	145.18	14.18	15.83	1.53	25.72	14.12	36.63	16.96	300.37	32.44	3.14	52.72	
25/07/2024 03:00	17.95	8.58	145.21	14.19	16.01	1.71	31.01	14.13	37.18	17.78	300.77	32.87	3.51	63.72	
25/07/2024 03:05	17.86	8.33	140.75	14.19	16.03	1.39	26.39	14.13	36.98	17.25	291.48	32.92	2.86	54.2	
25/07/2024 03:10	17.68	8.16	144.82	14.18	16.23	1.41	26.5	14.13	36.57	16.87	299.55	33.34	2.89	54.42	
25/07/2024 03:15	18.2	8.65	144.9	14.19	16.08	1.48	31.54	14.14	37.73	17.93	300.34	33.05	3.05	64.82	
25/07/2024 03:20	18.14	8.36	139.27	14.19	16.01	1.45	26.68	14.14	37.59	17.33	288.71	32.89	2.98	54.83	
25/07/2024 03:25	17.7	8.12	145.07	14.2	16.22	1.64	26.56	14.14	36.69	16.84	300.75	33.34	3.37	54.6	
25/07/2024 03:30	17.88	8.53	144.85	14.2	15.99	1.67	31.74	14.14	37.08	17.7	300.47	32.88	3.44	65.34	
25/07/2024 03:35	17.81	8.36	140.75	14.19	15.95	1.39	26.72	14.14	36.92	17.33	291.82	32.78	2.86	54.91	
25/07/2024 03:40	17.56	8	144.52	14.19	15.95	1.52	26.64	14.14	36.35	16.57	299.22	32.79	3.12	54.76	
25/07/2024 03:45	17.89	8.55	145.45	14.19	16.21	1.69	31.09	14.14	37.06	17.7	301.34	33.32	3.47	63.97	
25/07/2024 03:50	17.89	8.37	141.19	14.19	16.08	1.41	26.82	14.13	37.04	17.33	292.45	33.02	2.89	55.07	
25/07/2024 03:55	17.62	8.09	144.99	14.18	16.27	1.49	26.58	14.12	36.43	16.73	299.82	33.36	3.05	54.52	
25/07/2024 04:00	18.02	8.51	145.39	14.19	16.19	1.67	31.33	14.13	37.34	17.64	301.25	33.24	3.43	64.42	
25/07/2024 04:05	17.91	8.31	143.62	14.19	16.06	1.41	26.78	14.12	37.09	17.22	297.51	32.94	2.89	54.92	
25/07/2024 04:10	17.65	8.14	145.6	14.18	15.98	1.45	26.86	14.13	36.51	16.83	301.16	32.79	2.98	55.11	
25/07/2024 04:15	17.75	8.44	145.06	14.18	15.94	1.59	32.67	14.12	36.71	17.45	300.06	32.68	3.27	67.03	
25/07/2024 04:20	17.57	8.17	140.06	14.18	16.08	1.44	26.93	14.12	36.32	16.9	289.64	32.97	2.95	55.22	
25/07/2024 04:25	17.69	8.09	145.65	14.17	16.09	1.47	26.66	14.12	36.55	16.72	300.97	33	3.01	54.65	
25/07/2024 04:30	17.84	8.43	145.58	14.19	16.08	1.65	32.18	14.13	36.97	17.46	301.64	33	3.41	66.15	
25/07/2024 04:35	17.67	8.19	141.42	14.19	16	1.31	26.72	14.11	36.58	16.96	292.93	32.76	2.68	54.71	
25/07/2024 04:40	17.65	8.17	146.52	14.17	16.05	1.52	26.81	14.11	36.46	16.87	302.69	32.86	3.11	54.91	
25/07/2024 04:45	17.96	8.47	146.01	14.18	16.2	1.77	32.29	14.12	37.17	17.53	302.19	33.21	3.65	66.29	
25/07/2024 04:50	17.79	8.18	140.81	14.18	15.89	1.29	27	14.12	36.8	16.92	291.35	32.58	2.65	55.34	
25/07/2024 04:55	17.56	8.19	147.42	14.17	16.08	1.33	27.33	14.12	36.29	16.93	304.7	32.97	2.72	56.04	
25/07/2024 05:00	17.85	8.65	147.13	14.18	15.99	1.41	30.66	14.12	36.93	17.89	304.47	32.8	2.89	62.95	
25/07/2024 05:05	17.69	8.35	141.41	14.18	15.98	1.33	27.61	14.12	36.58	17.28	292.54	32.78	2.73	56.62	
25/07/2024 05:10	17.68	8.06	145.43	14.18	16.13	1.5	27.81	14.12	36.55	16.66	300.66	33.05	3.08	57.01	
25/07/2024 05:15	17.91	8.43	145.95	14.18	16.1	1.57	30.2	14.12	37.06	17.44	302.05	33.02	3.23	61.97	
25/07/2024 05:20	17.77	8.14	140.95	14.18	16.05	1.43	27.69	14.12	36.75	16.84	291.58	32.9	2.94	56.75	
25/07/2024 05:25	17.51	8.08	146.82	14.17	16.13	1.56	27.64	14.12	36.19	16.71	303.39	33.07	3.21	56.68	
25/07/2024 05:30	17.77	8.55	147.06	14.18	16.02	1.62	30.97	14.13	36.78	17.7	304.42	32.88	3.34	63.62	
25/07/2024 05:35	17.67	8.38	143.04	14.18	15.94	1.39	27.95	14.12	36.55	17.35	296.03	32.66	2.84	57.28	
25/07/2024 05:40	17.72	8.12	145.77	14.17	16	1.5	28.59	14.11	36.58	16.75	300.91	32.77	3.07	58.56	
25/07/2024 05:45	18.09	8.46	146.42	14.18	16.07	1.73	34.77	14.12	37.41	17.5	302.84	32.93	3.56	71.39	
25/07/2024 05:50	17.99	8.18	142.34	14.18	15.94	1.43	27.52	14.11	37.19	16.91	294.34	32.64	2.92	56.37	
25/07/2024 05:55	17.54	8.19	147.28	14.17	16.16	1.55	26.95	14.12	36.22	16.91	304.12	33.1	3.17	55.22	
25/07/2024 06:00	17.72	8.44	146.28	14.17	16.07	1.75	32.05	14.12	36.6	17.43	302.2	32.93	3.59	65.76	
25/07/2024 06:05	17.55	8.13	140.97	14.17	15.96	1.47	27.76	14.11	36.23	16.8	291.16	32.68	3.01	56.86	
25/07/2024 06:10	17.48	8.25	147.24	14.17	16.39	1.72	27.83	14.11	36.07	17.04	303.91	33.56	3.52	56.98	
25/07/2024 06:15	17.64	8.66	148.21	14.18	16.08	1.75	30.75	14.11	36.46	17.9	306.35	32.93	3.59	63.04	
25/07/202															



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/07/2024 07:55	17.43	7.93	146.98	14.18	16.16	1.52	27.06	14.13	36.05	16.41	304	33.18	3.11	55.57	
25/07/2024 08:00	17.7	8.34	147.47	14.19	16.11	1.8	32.64	14.13	36.65	17.26	305.32	33.08	3.7	67.12	
25/07/2024 08:05	17.65	8.24	141.95	14.18	16.19	1.45	27.62	14.13	36.53	17.06	293.8	33.25	2.97	56.72	
25/07/2024 08:10	17.53	8.07	147.15	14.18	16.44	1.42	27.55	14.13	36.27	16.7	304.55	33.74	2.92	56.54	
25/07/2024 08:15	17.72	8.34	147.19	14.2	16.36	1.66	32	14.13	36.73	17.29	305.17	33.61	3.41	65.79	
25/07/2024 08:20	17.62	8.06	142.48	14.19	16.07	1.31	27.37	14.12	36.51	16.71	295.26	32.95	2.68	56.11	
25/07/2024 08:25	17.5	7.99	146.39	14.18	16.33	1.39	26.7	14.12	36.19	16.52	302.74	33.46	2.85	54.72	
25/07/2024 08:30	17.72	8.14	145.99	14.18	16.1	1.44	31.37	14.12	36.67	16.85	302.06	33.01	2.96	64.4	
25/07/2024 08:35	17.66	7.88	141.48	14.18	16.06	1.22	27.31	14.12	36.52	16.3	292.64	32.94	2.5	56.02	
25/07/2024 08:40	17.38	7.94	146.63	14.18	16.31	1.27	26.92	14.12	35.94	16.41	303.22	33.46	2.6	55.22	
25/07/2024 08:45	17.73	8.31	147.67	14.19	16.2	1.47	31.72	14.13	36.71	17.21	305.81	33.24	3.03	65.16	
25/07/2024 08:50	17.56	8.1	144.22	14.18	16.14	1.26	27.38	14.11	36.35	16.77	298.58	33.05	2.58	56.09	
25/07/2024 08:55	17.65	7.95	146.28	14.17	16.41	1.39	27.08	14.11	36.47	16.42	302.17	33.61	2.85	55.47	
25/07/2024 09:00	17.71	8.17	146.28	14.17	16.15	1.38	31.32	14.11	36.59	16.87	302.2	33.07	2.83	64.21	
25/07/2024 09:05	17.54	7.87	141.5	14.17	16.12	1.16	27.01	14.11	36.2	16.25	292.18	32.98	2.37	55.28	
25/07/2024 09:10	17.69	7.85	145.72	14.16	15.97	1.22	27.05	14.11	36.49	16.2	300.66	32.69	2.5	55.38	
25/07/2024 09:15	18.13	8.15	145.84	14.18	16.22	1.44	32.04	14.12	37.48	16.85	301.52	33.23	2.97	65.73	
25/07/2024 09:20	18.07	7.84	141.06	14.17	16.19	1.06	27.07	14.11	37.34	16.21	291.58	33.15	2.18	55.41	
25/07/2024 09:25	17.8	7.5	143.4	14.16	16.33	1.13	28.27	14.11	36.73	15.48	295.94	33.42	2.3	57.86	
25/07/2024 09:30	17.95	7.6	142.05	14.17	16.58	1.46	31.85	14.11	37.08	15.7	293.47	33.96	2.99	65.31	
25/07/2024 09:35	17.81	7.25	136.22	14.17	16.14	0.98	26.62	14.1	36.76	14.97	281.31	33.02	2.01	54.44	
25/07/2024 09:40	17.81	7.42	142.78	14.15	16.55	1.23	26.86	14.1	36.69	15.28	294.16	33.85	2.53	54.94	
25/07/2024 09:45	17.92	7.79	143.42	14.16	16.65	1.46	30.91	14.11	36.96	16.08	295.85	34.07	2.98	63.31	
25/07/2024 09:50	17.81	7.56	139.5	14.16	16.22	0.98	27.03	14.1	36.72	15.59	287.74	33.14	2	55.22	
25/07/2024 09:55	17.79	7.52	143.39	14.15	16.3	1.16	27.17	14.09	36.62	15.47	295.22	33.28	2.36	55.49	
25/07/2024 10:00	17.9	7.61	142.13	14.15	16.62	1.66	34.21	14.1	36.86	15.66	292.65	33.97	3.41	70.03	
25/07/2024 10:05	17.91	7.37	137	14.15	16.28	0.93	26.27	14.09	36.87	15.17	282.05	33.24	1.9	53.62	
25/07/2024 10:10	17.95	7.36	142.37	14.14	16.53	1.09	26.58	14.09	36.93	15.15	292.95	33.74	2.23	54.24	
25/07/2024 10:15	18.13	7.58	142.59	14.15	16.6	1.16	32.15	14.09	37.36	15.62	293.76	33.9	2.38	65.68	
25/07/2024 10:20	18.07	7.29	138.99	14.15	16.49	1.04	26.78	14.09	37.21	15.01	286.28	33.66	2.12	54.67	
25/07/2024 10:25	17.91	7.38	142.84	14.14	16.98	1.14	26.81	14.09	36.83	15.17	293.68	34.68	2.33	54.75	
25/07/2024 10:30	18.01	7.62	142.57	14.14	16.94	1.48	31.27	14.1	37.04	15.67	293.27	34.6	3.03	63.92	
25/07/2024 10:35	17.95	7.4	138.26	14.14	16.29	0.93	26.96	14.08	36.9	15.21	284.3	33.21	1.9	54.98	
25/07/2024 10:40	17.91	7.47	144.36	14.13	17.06	1.47	27.47	14.08	36.8	15.35	296.56	34.8	3	56.02	
25/07/2024 10:45	17.81	7.67	144.71	14.14	16.94	1.54	31.19	14.09	36.61	15.77	297.56	34.55	3.15	63.7	
25/07/2024 10:50	17.63	7.51	140.43	14.13	16.15	0.74	27.02	14.08	36.22	15.42	288.61	32.89	1.52	55.04	
25/07/2024 10:55	17.69	7.38	143.92	14.13	16.58	0.86	26.59	14.08	36.31	15.16	295.45	33.76	1.75	54.16	
25/07/2024 11:00	17.87	7.75	144.6	14.14	16.69	1.28	31.17	14.08	36.72	15.93	297.13	34.03	2.62	63.6	
25/07/2024 11:05	17.73	7.46	140.03	14.13	16.17	0.74	26.95	14.07	36.41	15.32	287.66	32.91	1.51	54.85	
25/07/2024 11:10	17.67	7.5	145.11	14.13	16.47	0.67	26.64	14.07	36.27	15.4	297.87	33.51	1.37	54.21	
25/07/2024 11:15	18.01	7.74	145.86	14.13	16.47	1.13	32.49	14.07	36.99	15.89	299.56	33.54	2.32	66.27	
25/07/2024 11:20	18.07	7.47	142.19	14.13	16.23	0.87	27.45	14.07	37.07	15.33	291.87	33.04	1.77	55.85	
25/07/2024 11:25	17.69	7.5	145.23	14.12	16.2	0.78	28.31	14.07	36.28	15.38	297.79	32.96	1.59	57.6	
25/07/2024 11:30	17.71	7.91	146.83	14.13	16.48	1.26	31.95	14.07	36.37	16.25	301.56	33.57	2.58	65.13	
25/07/2024 11:35	17.59	7.61	142.59	14.13	16.04	0.73	27.45	14.07	36.1	15.62	292.74	32.63	1.49	55.85	
25/07/2024 11:40	17.77	7.69	146.86	14.13	16.45	0.91	27.34	14.07	36.47	15.78	301.4	33.48	1.84	55.64	
25/07/2024 11:45	17.73	8	147.51	14.14	16.3	1.14	31.83	14.08	36.44	16.43	303.14	33.2	2.32	64.92	
25/07/2024 11:50	17.63	7.69	142.54	14.13	16.18	0.9	27.73	14.08	36.21	15.8	292.84	32.96	1.83	56.51	
25/07/2024 11:55	17.62	7.79	147.23	14.13	16.22	1.03	27.36	14.08	36.18	15.99	302.25	33.04	2.1	55.73	
25/07/2024 12:00	17.95	8.07	147.72	14.14	16.33	1.28	30.38	14.08	36.92	16.59	303.83	33.3	2.62	61.99	
25/07/2024 12:05	17.84	7.81	143.22	14.14	16.24	1.04	27.71	14.08	36.68	16.07	294.55	33.1	2.12	56.46	
25/07/2024 12:10	17.68	7.75	147.34	14.13	16.59	1.13	27.38	14.08	36.32	15.91	302.65	33.8	2.29	55.77	
25/07/2024 12:15	18	8.16	147.99	14.14	16.62	1.5	32.35	14.08	36.98	16.77	304.09	33.9	3.07	66.04	
25/07/2024 12:20	17.94	7.81	143.2	14.13	16.14	0.86	27.84	14.08	36.85	16.04	294.18	32.89	1.76	56.72	
25/07/2024 12:25	17.58	7.84	147.64	14.14	16.45	0.84	28.2	14.08	36.15	16.12	303.48	33.51	1.72	57.44	
25/07/2024 12:30	17.88	8	148.04	14.15	16.32	1.16	32.69	14.09	36.81	16.46	304.78	33.28	2.38	66.75	
25/07/2024 12:35	17.89	7.85	143.3	14.15	16.02	0.86	27.58	14.08	36.82	16.15	294.97	32.66	1.76	56.23	
25/07/2024 12:40	17.59	7.61	146.53	14.14	16.44	1.14	28.13	14.09	36.15	15.65	301.19	33.53	2.33	57.37	
25/07/2024 12:45	18.29	7.84	145.86	14.15	16.6	1.4	32.67	14.09	37.64	16.14	300.19	33.89	2.87	66.79	
25/07/2024 12:50	18.25	7.6	141.46	14.14	16.66	1.25	27.42	14.09	37.55	15.64	291.08	34.02	2.55	56	
25/07/2024 12:55	17.62	7.55	145.75	14.15	16.97	1.08	27.5	14.09	36.26	15.53	299.95	34.65	2.2	56.15	
25/07/2024 13:00	18.18	7.94	147.02	14.15	16.44	1.08	31.62	14.09	37.45	16.35	302.86	33.57	2.21	64.64	
25/07/2024 13:05	18.23	7.75	143.49	14.15	16.3	1.04	27.44	14.09	37.52	15.97	295.42	33.29	2.13	56.02	
25/07/2024 13:10	17.76	7.72	146.47	14.14	16.45	1.11	27.17	14.09	36.52	15.88	301.17	33.59	2.27	55.47	
25/07/2024 13:15	17.96	8.09	147.24	14.15	16.57	1.42	31.72	14.1	36.99	16.67	303.21	33.86	2.9	64.87	
25/07/2024 13:20	17.84	7.83	142.83	14.15	16.23	0.94	27.29	14.09	36.73	16.13	294.17	33.11	1.91	55.67	
25/07/2024 13:25	17.7	7.79	146.58	14.14	16.41	1.08	27.34	14.08	36.4	16.02	301.38	33.44	2.2	55.73	
25/07/2024 13:30	18.04	8.06	147.23	14.15	16.35	1.17	33.66	14.09	37.18	16.61	303.35	33.39	2.4	68.83	
25/07/2024 13:35	18.03	7.88	143.92	14.15	16.3	1.15	27.73	14.09	37.15	16.24	296.56	33.26	2.35	56.59	
25/07/2024 13:40	17.66	7.77	146.97	14.14	16.66	1.31	28.52	14.09	36.32	15.99	302.32	33.99	2.68	58.2	
25/07/2024 13:45	17.88	8.08	146.78	14.15	16.49	1.57	33.67	14.09	36.78	16.62	302.04	33.68	3.21	68.84	
25/07/2024 13:50	17.78	7.78	141.9	14.14	16.32	1.17	28.11	14.09	36.57	16	291.92	33.3	2.39	57.37	
25/07/2024 13:55	17.53	7													



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/07/2024 15:30	17.08	7.65	143.44	14.18	16.08	1.25	27.77	14.13	35.37	15.84	297	33.03	2.58	57.05	
25/07/2024 15:35	17.47	8.35	148.11	14.2	16.08	1.44	32.13	14.14	36.26	17.33	307.3	33.05	2.96	66.14	
25/07/2024 15:40	17.66	8.39	147.83	14.2	15.65	1.02	28.21	14.14	36.65	17.42	306.83	32.15	2.1	57.97	
25/07/2024 15:45	17.17	7.61	142.89	14.19	15.85	1.05	27.67	14.13	35.58	15.77	296.13	32.56	2.15	56.84	
25/07/2024 15:50	17.49	8.26	147.23	14.21	16.08	1.36	32	14.14	36.32	17.15	305.69	33.08	2.8	65.89	
25/07/2024 15:55	17.44	8.29	146.52	14.21	15.93	1.03	27.66	14.14	36.21	17.21	304.25	32.75	2.12	56.86	
25/07/2024 16:00	17.24	7.51	140.16	14.2	16.46	1.27	27.75	14.14	35.76	15.59	290.8	33.86	2.62	57.09	
25/07/2024 16:05	17.77	8.12	146.48	14.21	16.45	1.41	30.95	14.15	36.91	16.88	304.34	33.87	2.91	63.79	
25/07/2024 16:10	17.83	8.08	146.36	14.21	16.12	0.96	26.25	14.15	37.05	16.79	304.14	33.19	1.98	54.05	
25/07/2024 16:15	17.54	7.47	143.2	14.2	16.09	0.89	26.3	14.15	36.4	15.5	297.19	33.1	1.83	54.12	
25/07/2024 16:20	17.76	8.03	146.52	14.21	16.28	1.24	30.93	14.15	36.91	16.68	304.44	33.53	2.57	63.78	
25/07/2024 16:25	17.78	8.07	146.88	14.21	15.98	1.01	27.45	14.15	36.94	16.76	305.14	32.92	2.08	56.53	
25/07/2024 16:30	17.34	7.55	142.2	14.2	16.62	1.25	27.37	14.16	35.98	15.67	295.15	34.24	2.58	56.41	
25/07/2024 16:35	17.7	7.97	146.1	14.21	16.65	1.64	33.52	14.16	36.77	16.57	303.56	34.33	3.39	69.2	
25/07/2024 16:40	17.61	8.02	146.17	14.21	16.04	1.03	27.26	14.15	36.58	16.66	303.68	33.02	2.11	56.13	
25/07/2024 16:45	17.23	7.38	142.29	14.18	16.34	1.34	27.29	14.15	35.64	15.27	294.45	33.66	2.77	56.22	
25/07/2024 16:50	17.5	7.19	141.97	14.17	16.5	1.51	31.76	14.15	36.15	14.86	293.39	33.99	3.11	65.46	
25/07/2024 16:55	17.39	7.14	141.44	14.18	16.17	1.14	27.56	14.15	35.94	14.77	292.34	33.33	2.34	56.8	
25/07/2024 17:00	17.44	6.8	138.1	14.17	16.5	1.42	27.92	14.16	36	14.05	285.16	34.02	2.93	57.55	
25/07/2024 17:05	17.68	7.23	141.82	14.18	16.59	1.55	31.8	14.16	36.56	14.95	293.23	34.21	3.2	65.59	
25/07/2024 17:10	17.72	7.22	141.59	14.18	16.01	1.09	27.57	14.16	36.64	14.93	292.8	33.02	2.26	56.86	
25/07/2024 17:15	17.47	6.94	136.76	14.18	16.51	1.41	28.12	14.16	36.14	14.36	282.89	34.04	2.9	58	
25/07/2024 17:20	17.74	8.05	145.83	14.22	16.19	1.51	31.67	14.15	36.88	16.73	303.24	33.34	3.13	65.31	
25/07/2024 17:25	17.69	8.11	146.63	14.22	15.22	1.06	26.83	14.13	36.79	16.88	304.97	31.26	2.18	55.09	
25/07/2024 17:30	17.58	7.72	144.16	14.21	16.02	1.26	26.26	14.13	36.51	16.04	299.53	32.89	2.58	53.9	
25/07/2024 17:35	17.68	8.25	148.27	14.22	15.86	1.39	30.7	14.13	36.78	17.18	308.49	32.69	2.93	63.43	
25/07/2024 17:40	17.61	8.33	148.78	14.22	15.31	1.16	27.26	14.13	36.64	17.34	309.6	31.36	2.32	55.92	
25/07/2024 17:45	17.22	7.65	142.72	14.21	15.76	1.41	27.41	14.13	35.77	15.89	296.51	32.33	2.88	56.24	
25/07/2024 17:50	17.83	8.18	147.39	14.23	15.93	1.55	32.55	14.15	37.16	17.04	307.14	32.81	3.21	67.15	
25/07/2024 17:55	17.81	8.16	147.58	14.24	15.85	1.2	28.39	14.17	37.17	17.03	307.97	32.75	2.47	58.65	
25/07/2024 18:00	17.44	7.82	139.83	14.22	16.28	1.58	28.83	14.18	36.28	16.27	290.98	33.64	3.26	59.59	
25/07/2024 18:05	17.62	8.34	148.75	14.23	16.28	1.82	35.74	14.18	36.73	17.39	309.99	33.67	3.76	74.01	
25/07/2024 18:10	17.45	8.36	149.25	14.23	16	1.21	28.43	14.17	36.38	17.43	311.09	33.05	2.5	58.74	
25/07/2024 18:15	17.43	7.8	143.98	14.22	16.32	1.28	27.99	14.17	36.29	16.25	299.83	33.69	2.64	57.78	
25/07/2024 18:20	17.8	8.4	149.08	14.24	16.38	1.49	32.23	14.17	37.14	17.53	311.01	33.84	3.08	66.67	
25/07/2024 18:25	17.92	8.44	149.22	14.24	15.76	1.19	28.6	14.17	37.39	17.61	311.32	32.55	2.46	59.08	
25/07/2024 18:30	17.4	7.79	143.73	14.22	16.46	1.43	28.61	14.17	36.2	16.21	299.13	33.99	2.95	59.08	
25/07/2024 18:35	17.79	8.33	148.71	14.23	16.48	1.81	34.97	14.18	37.09	17.36	310.03	34.07	3.75	72.38	
25/07/2024 18:40	17.86	8.35	149.06	14.23	15.74	1.17	29.27	14.17	37.23	17.4	310.77	32.51	2.42	60.45	
25/07/2024 18:45	17.4	7.92	144.86	14.22	16.24	1.51	28.82	14.17	36.21	16.49	301.46	33.55	3.13	59.55	
25/07/2024 18:50	17.7	8.41	148.67	14.24	16.3	1.71	33.98	14.18	36.91	17.54	310.08	33.71	3.55	70.34	
25/07/2024 18:55	17.69	8.36	148.3	14.24	15.77	1.19	28.81	14.17	36.89	17.44	309.32	32.59	2.46	59.53	
25/07/2024 19:00	17.36	7.78	143.32	14.22	16.35	1.38	27.9	14.17	36.15	16.21	298.42	33.77	2.86	57.64	
25/07/2024 19:05	17.75	8.44	149.33	14.23	16.35	1.59	32.49	14.18	37.01	17.59	311.42	33.8	3.29	67.24	
25/07/2024 19:10	17.86	8.49	149.34	14.24	16.02	1.3	28.58	14.17	37.25	17.71	311.5	33.11	2.68	59.05	
25/07/2024 19:15	17.37	7.8	143.57	14.22	16.25	1.42	28.65	14.17	36.17	16.24	298.96	33.58	2.94	59.22	
25/07/2024 19:20	17.74	8.45	149.17	14.24	16.31	1.67	33.15	14.18	37.01	17.63	311.13	33.74	3.45	68.65	
25/07/2024 19:25	17.84	8.5	149.42	14.24	15.92	1.25	28.7	14.17	37.23	17.74	311.74	32.89	2.58	59.3	
25/07/2024 19:30	17.32	7.74	142.33	14.22	16.09	1.43	28.77	14.18	36.07	16.12	296.42	33.25	2.95	59.48	
25/07/2024 19:35	17.52	8.42	148.68	14.24	16.3	1.7	32.69	14.18	36.53	17.57	310.07	33.7	3.52	67.67	
25/07/2024 19:40	17.33	8.39	147.36	14.24	15.89	1.17	28.09	14.17	36.14	17.51	307.36	32.82	2.42	58.02	
25/07/2024 19:45	17.32	7.77	144	14.22	16.67	1.44	28.42	14.17	36.06	16.18	299.82	34.44	2.98	58.73	
25/07/2024 19:50	17.73	8.47	149.06	14.23	16.44	1.45	29.96	14.17	36.94	17.66	310.62	33.96	3	61.94	
25/07/2024 19:55	17.83	8.5	148.98	14.23	15.72	1.01	27.91	14.16	37.15	17.72	310.46	32.43	2.08	57.59	
25/07/2024 20:00	17.41	7.89	145.9	14.22	16.32	1.43	28.38	14.17	36.22	16.42	303.57	33.72	2.95	58.62	
25/07/2024 20:05	17.76	8.41	148.27	14.23	16.38	1.63	32.62	14.17	37.01	17.51	308.94	33.86	3.38	67.47	
25/07/2024 20:10	17.88	8.36	147.83	14.23	15.95	1.27	28.07	14.17	37.25	17.43	308.05	32.94	2.62	57.99	
25/07/2024 20:15	17.41	7.78	143.14	14.22	16.37	1.52	28.73	14.17	36.24	16.19	297.91	33.82	3.14	59.36	
25/07/2024 20:20	17.61	8.45	148.68	14.23	16.35	1.7	33.02	14.18	36.73	17.62	310.04	33.79	3.53	68.33	
25/07/2024 20:25	17.64	8.5	148.86	14.23	15.95	1.29	28.04	14.17	36.79	17.73	310.42	32.95	2.67	57.94	
25/07/2024 20:30	17.34	7.65	140.23	14.22	16.27	1.37	27.74	14.17	36.09	15.94	292.04	33.62	2.83	57.33	
25/07/2024 20:35	17.7	8.41	148.63	14.23	16.25	1.53	32.63	14.18	36.9	17.53	309.78	33.59	3.18	67.51	
25/07/2024 20:40	17.72	8.44	148.67	14.23	15.96	1.08	27.68	14.17	36.91	17.59	309.74	32.95	2.24	57.14	
25/07/2024 20:45	17.54	7.89	143.16	14.22	16.07	1.35	27.91	14.16	36.49	16.43	297.9	33.16	2.8	57.59	
25/07/2024 20:50	17.75	8.33	148.15	14.23	16.16	1.51	32.35	14.17	36.97	17.36	308.61	33.36	3.13	66.88	
25/07/2024 20:55	17.8	8.27	147.31	14.23	15.95	1.2	28.01	14.16	37.07	17.22	306.83	32.92	2.49	57.81	
25/07/2024 21:00	17.31	7.87	144.14	14.22	16.04	1.23	28.31	14.16	36.01	16.37	299.83	33.09	2.54	58.41	
25/07/2024 21:05	17.89	8.59	149.95	14.23	16.29	1.58	32.27	14.17	37.26	17.88	312.27	33.63	3.27	66.7	
25/07/2024 21:10	18	8.6	150.28	14.23	15.85	1.1	28.01	14.17	37.48	17.9	312.95	32.73	2.27	57.82	
25/07/2024 21:15	17.46	7.91	144.28	14.22	16	1.39	28.58	14.17	36.32	16.47	300.26	33.05	2.87	59.04	
25/07/2024 21:20	17.73	8.5	149.37	14.23	15.97	1.49	32.75	14.17	36.94	17.7	311.12	32.98	3.09	67.73	
25/07/2024 21:25	17.75	8.5	150.03	14.23	15.78	1.14	28.34	14.17	36.98	17.72	312.57	32.58	2.35	58.49	
25/07/2024 21:30															



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/07/2024 23:05	17.55	8.49	148.59	14.22	16.72	1.87	32.4	14.17	36.55	17.68	309.4	34.52	3.86	66.95	
25/07/2024 23:10	17.55	8.49	148.5	14.23	15.97	1.15	27.56	14.16	36.55	17.68	309.31	32.94	2.37	56.83	
25/07/2024 23:15	17.38	7.65	142.54	14.21	16.23	1.42	27.11	14.16	36.12	15.92	296.4	33.47	2.93	55.91	
25/07/2024 23:20	17.81	8.33	147.58	14.22	16.46	1.92	35.89	14.17	37.07	17.33	307.24	33.98	3.97	74.24	
25/07/2024 23:25	17.91	8.39	148.2	14.22	16.04	1.22	27.91	14.16	37.27	17.47	308.47	33.09	2.51	57.59	
25/07/2024 23:30	17.35	7.79	144.42	14.21	15.95	1.13	27.31	14.16	36.06	16.2	300.21	32.89	2.33	56.33	
25/07/2024 23:35	17.5	8.46	148.29	14.22	15.97	1.4	33.12	14.16	36.44	17.62	308.72	32.95	2.9	68.43	
25/07/2024 23:40	17.3	8.43	147.95	14.22	15.63	1.07	28.15	14.16	36	17.54	307.95	32.22	2.21	58.04	
25/07/2024 23:45	17.2	7.91	140.29	14.22	16.05	1.36	28.85	14.16	35.78	16.45	291.81	33.12	2.81	59.54	
25/07/2024 23:50	17.5	8.52	148.82	14.22	15.96	1.42	33.01	14.16	36.42	17.74	309.8	32.95	2.95	68.19	
25/07/2024 23:55	17.36	8.57	149.53	14.22	15.92	1.18	28.2	14.16	36.13	17.83	311.24	32.83	2.44	58.17	
26/07/2024 00:00	17.24	7.82	144.13	14.21	16.45	1.5	28.49	14.17	35.83	16.27	299.69	33.96	3.1	58.82	
26/07/2024 00:05	17.73	8.53	149.15	14.22	16.36	1.59	32.9	14.17	36.9	17.76	310.47	33.78	3.29	67.99	
26/07/2024 00:10	17.75	8.55	149.28	14.22	15.73	1.17	28.57	14.16	36.95	17.8	310.72	32.43	2.42	58.93	
26/07/2024 00:15	17.48	7.92	144.23	14.21	15.23	1.61	30.64	14.16	36.32	16.47	299.81	31.41	3.32	63.2	
26/07/2024 00:20	17.53	8.45	148.46	14.22	15.72	1.81	35.22	14.17	36.48	17.59	308.98	32.46	3.73	72.78	
26/07/2024 00:25	17.52	8.39	147.53	14.22	15.93	1.23	28.4	14.16	36.47	17.48	307.15	32.86	2.54	58.59	
26/07/2024 00:30	17.31	7.97	141.17	14.21	16.3	1.47	28.16	14.16	35.95	16.55	293.33	33.62	3.03	58.07	
26/07/2024 00:35	17.68	8.52	150.02	14.22	16.28	1.5	33.65	14.16	36.8	17.73	312.14	33.59	3.09	69.43	
26/07/2024 00:40	17.78	8.6	150.55	14.22	15.88	1.23	28.52	14.16	37	17.89	313.28	32.72	2.54	58.78	
26/07/2024 00:45	17.25	7.9	144.1	14.2	16.22	1.59	29.2	14.16	35.81	16.4	299.23	33.42	3.28	60.18	
26/07/2024 00:50	17.7	8.34	148.08	14.22	16.15	1.6	36.85	14.16	36.82	17.35	308.04	33.3	3.31	76.05	
26/07/2024 00:55	17.81	8.29	147.48	14.22	15.53	1.11	28.88	14.16	37.07	17.24	306.91	32.02	2.29	59.53	
26/07/2024 01:00	17.2	7.83	140.12	14.21	16.23	1.58	29.17	14.16	35.71	16.27	290.97	33.46	3.25	60.14	
26/07/2024 01:05	17.38	8.37	148.8	14.22	16.29	1.74	33.35	14.16	36.14	17.4	309.42	33.59	3.59	68.85	
26/07/2024 01:10	17.39	8.38	148.3	14.22	15.92	1.35	28.48	14.16	36.16	17.42	308.38	32.82	2.79	58.72	
26/07/2024 01:15	17.21	7.84	144.02	14.21	16.51	1.61	28.08	14.16	35.75	16.28	299.15	34.05	3.32	57.92	
26/07/2024 01:20	17.69	8.47	150.07	14.22	16.42	1.74	32.6	14.16	36.79	17.62	312.09	33.87	3.59	67.31	
26/07/2024 01:25	17.84	8.61	151.47	14.22	16.07	1.38	28.96	14.16	37.11	17.92	315.05	33.13	2.86	59.72	
26/07/2024 01:30	17.27	7.64	141.23	14.21	16.61	1.46	27.78	14.16	35.86	15.87	293.34	34.25	3.02	57.26	
26/07/2024 01:35	17.27	8.41	149.21	14.22	16.43	1.6	30.05	14.16	35.9	17.49	310.25	33.89	3.31	62	
26/07/2024 01:40	16.97	8.61	149.95	14.21	15.68	1.27	29.38	14.15	35.28	17.91	311.75	32.31	2.62	60.53	
26/07/2024 01:45	17.04	7.89	144.64	14.2	15.84	1.37	29.53	14.15	35.37	16.38	300.25	32.62	2.83	60.83	
26/07/2024 01:50	17.54	8.47	148.82	14.21	15.97	1.62	33.67	14.16	36.46	17.61	309.38	32.92	3.35	69.47	
26/07/2024 01:55	17.41	8.44	148.64	14.21	15.94	1.28	29.23	14.15	36.18	17.55	308.95	32.84	2.65	60.23	
26/07/2024 02:00	17.19	7.91	142.91	14.21	16.61	1.83	29.51	14.16	35.7	16.43	296.75	34.26	3.78	60.86	
26/07/2024 02:05	17.57	8.44	149.27	14.22	16.54	1.95	33.69	14.16	36.54	17.55	310.56	34.11	4.03	69.59	
26/07/2024 02:10	17.7	8.5	149.39	14.22	15.96	1.25	28.34	14.15	36.85	17.7	310.95	32.88	2.58	58.39	
26/07/2024 02:15	17.13	7.73	143.51	14.21	16.14	1.5	29.79	14.16	35.58	16.05	298.03	33.28	3.09	61.42	
26/07/2024 02:20	17.52	8.37	148.79	14.21	16.34	1.81	33.76	14.16	36.43	17.41	309.35	33.69	3.74	69.69	
26/07/2024 02:25	17.64	8.39	149.31	14.21	15.64	1.09	29.56	14.15	36.67	17.45	310.42	32.21	2.25	60.86	
26/07/2024 02:30	16.98	7.66	143.46	14.2	15.4	1.22	29.13	14.15	35.25	15.91	297.79	31.7	2.51	59.98	
26/07/2024 02:35	17.38	8.47	149.85	14.21	15.75	1.36	33.96	14.15	36.13	17.6	311.46	32.44	2.8	69.95	
26/07/2024 02:40	17.47	8.47	150.39	14.22	16.05	1.3	28.95	14.15	36.33	17.62	312.73	33.06	2.69	59.63	
26/07/2024 02:45	16.96	7.76	144.6	14.2	15.52	0.88	28.2	14.14	35.18	16.11	300.1	31.92	1.82	58.02	
26/07/2024 02:50	17.34	8.5	149.15	14.21	15.95	1.45	33.38	14.15	36.04	17.68	310.06	32.86	2.99	68.83	
26/07/2024 02:55	17.5	8.6	149.14	14.21	15.85	1.23	29.03	14.15	36.37	17.87	309.92	32.65	2.54	59.76	
26/07/2024 03:00	17.2	7.81	145.25	14.2	16.33	1.47	28.21	14.15	35.71	16.22	301.58	33.64	3.02	58.09	
26/07/2024 03:05	17.54	8.39	149.01	14.21	16.34	1.71	33.14	14.15	36.45	17.44	309.68	33.67	3.53	68.36	
26/07/2024 03:10	17.69	8.46	150	14.21	15.89	1.23	29.26	14.15	36.74	17.57	311.56	32.72	2.53	60.25	
26/07/2024 03:15	17.26	7.86	144.18	14.2	16.19	1.65	29.61	14.15	35.83	16.33	299.35	33.35	3.4	60.98	
26/07/2024 03:20	17.68	8.42	148.99	14.21	16.33	1.88	34.38	14.15	36.75	17.51	309.62	33.66	3.88	70.93	
26/07/2024 03:25	17.64	8.38	148.89	14.21	15.74	1.1	29.35	14.15	36.66	17.41	309.4	32.39	2.27	60.41	
26/07/2024 03:30	17.04	7.96	147.29	14.21	15.84	1.49	29.79	14.15	35.39	16.54	305.93	32.63	3.07	61.35	
26/07/2024 03:35	17.4	8.54	149.67	14.22	15.9	1.68	34.74	14.15	36.17	17.76	311.23	32.76	3.46	71.66	
26/07/2024 03:40	17.44	8.54	149.48	14.21	15.65	1.28	31.45	14.15	36.24	17.74	310.7	32.22	2.64	64.76	
26/07/2024 03:45	17.08	8.02	143.6	14.2	15.6	1.35	30.64	14.15	35.44	16.64	298.08	32.11	2.78	63.05	
26/07/2024 03:50	17.47	8.46	148.87	14.22	15.8	1.6	35.29	14.15	36.32	17.59	309.59	32.53	3.31	72.76	
26/07/2024 03:55	17.55	8.39	148.11	14.22	15.51	1.29	32.46	14.15	36.51	17.47	308.13	31.94	2.65	66.85	
26/07/2024 04:00	17.2	7.96	145.14	14.21	16	1.73	34.12	14.15	35.72	16.53	301.49	32.97	3.56	70.31	
26/07/2024 04:05	17.41	8.45	149.55	14.21	16.04	1.83	35.88	14.16	36.19	17.56	310.92	33.06	3.79	73.98	
26/07/2024 04:10	17.3	8.47	149.88	14.22	15.38	1.29	35.3	14.15	35.97	17.62	311.66	31.66	2.65	72.67	
26/07/2024 04:15	17.08	7.8	143.34	14.2	15.94	1.51	35.45	14.15	35.46	16.19	297.66	32.83	3.11	72.99	
26/07/2024 04:20	17.56	8.35	148.72	14.21	15.88	1.71	40.23	14.15	36.5	17.36	309.15	32.72	3.52	82.95	
26/07/2024 04:25	17.58	8.32	148.58	14.21	15.83	1.6	38.39	14.15	36.54	17.29	308.89	32.61	3.3	79.07	
26/07/2024 04:30	17.21	7.77	144.38	14.2	16.29	1.93	39.38	14.15	35.72	16.14	299.71	33.56	3.97	81.14	
26/07/2024 04:35	17.54	8.34	148.35	14.21	16.37	2.21	45.11	14.16	36.46	17.33	308.32	33.75	4.56	93.07	
26/07/2024 04:40	17.39	8.29	147.64	14.22	16.08	1.9	44.77	14.15	36.16	17.23	307.02	33.14	3.92	92.24	
26/07/2024 04:45	17.23	7.88	144.39	14.2	16.69	2.28	45.98	14.16	35.76	16.36	299.73	34.4	4.69	94.78	
26/07/2024 04:50	17.4	8.32	148.04	14.21	16.66	2.39	50.12	14.16	36.17	17.29	307.69	34.36	4.94	103.41	
26/07/2024 04:55	17.36	8.3	147.67	14.21	16.35	2.09	49.1	14.16	36.07	17.25	306.87	33.73	4.31	101.27	
26/07/2024 05:00	17.36	8.08	143.98	14.2	16.78	2.27	48.61	14.16	36.04	16.77	298.94	34.6	4.69	100.27	
26/07/2024 05:05															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/07/2024 06:40	17.91	8.19	146.34	14.22	16.7	2.36	56.22	14.18	37.24	17.04	304.39	34.53	4.87	116.2	
26/07/2024 06:45	17.24	7.57	142.66	14.21	16.93	2.39	54.58	14.17	35.79	15.72	296.23	34.99	4.95	112.75	
26/07/2024 06:50	17.39	8.17	146.74	14.22	16.91	2.61	58.69	14.18	36.17	16.99	305.24	34.96	5.4	121.36	
26/07/2024 06:55	17.34	8.14	146.45	14.22	16.71	2.38	56.21	14.18	36.07	16.94	304.62	34.55	4.93	116.21	
26/07/2024 07:00	17.19	7.61	142.88	14.21	16.79	2.56	55.77	14.17	35.69	15.8	296.68	34.68	5.28	115.25	
26/07/2024 07:05	17.47	8.19	147.02	14.21	16.8	2.78	61.87	14.18	36.31	17.02	305.56	34.72	5.76	127.96	
26/07/2024 07:10	17.52	8.22	147.13	14.21	16.66	2.26	56.23	14.17	36.41	17.09	305.8	34.39	4.66	116.07	
26/07/2024 07:15	17.39	7.79	144.33	14.2	17.22	2.9	55.77	14.16	36.07	16.16	299.39	35.53	5.99	115.08	
26/07/2024 07:20	17.36	8.24	147.57	14.21	17.01	2.82	59.54	14.17	36.07	17.11	306.53	35.12	5.83	122.94	
26/07/2024 07:25	17.25	8.32	148.17	14.21	16.53	2.3	57.2	14.17	35.85	17.28	307.9	34.11	4.76	118.06	
26/07/2024 07:30	17.29	7.77	143.94	14.2	17.01	2.68	57.84	14.17	35.86	16.13	298.56	35.12	5.53	119.41	
26/07/2024 07:35	17.6	8.15	146.9	14.2	17.05	2.73	61.26	14.17	36.54	16.91	304.94	35.2	5.63	126.53	
26/07/2024 07:40	17.81	8.11	146.53	14.2	16.64	2.25	57.09	14.16	36.96	16.84	304.07	34.32	4.64	117.8	
26/07/2024 07:45	17.39	7.66	143.93	14.19	17.54	2.76	57.97	14.17	36.06	15.87	298.39	36.21	5.69	119.68	
26/07/2024 07:50	17.53	8.17	147.86	14.21	17.25	2.66	60.44	14.17	36.4	16.97	307.02	35.6	5.48	124.78	
26/07/2024 07:55	17.42	8.27	148.42	14.21	16.58	2.22	57.55	14.16	36.19	17.18	308.35	34.2	4.57	118.72	
26/07/2024 08:00	17.26	7.71	143.76	14.19	17.26	2.62	57.99	14.16	35.77	15.98	297.96	35.6	5.41	119.61	
26/07/2024 08:05	17.75	8.21	147.43	14.2	17.23	2.71	61.51	14.16	36.82	17.03	305.92	35.54	5.59	126.96	
26/07/2024 08:10	17.91	8.18	147.09	14.2	16.84	2.22	58.25	14.16	37.17	16.97	305.31	34.75	4.57	120.19	
26/07/2024 08:15	17.36	7.68	143.63	14.19	17.17	2.53	58.44	14.17	35.98	15.91	297.69	35.44	5.23	120.64	
26/07/2024 08:20	17.52	8.02	146.73	14.2	17.04	2.57	61.87	14.17	36.34	16.64	304.29	35.17	5.3	127.75	
26/07/2024 08:25	17.61	8.11	146.83	14.2	16.82	2.11	58.66	14.16	36.53	16.83	304.61	34.69	4.35	120.98	
26/07/2024 08:30	17.32	7.7	143.77	14.19	17.48	2.51	59.01	14.16	35.87	15.94	297.67	36.05	5.18	121.71	
26/07/2024 08:35	17.48	7.97	146.76	14.19	17.48	2.65	61.58	14.16	36.22	16.5	304.06	36.06	5.46	127.04	
26/07/2024 08:40	17.56	8	146.41	14.19	17.12	2.18	57.35	14.16	36.38	16.58	303.31	35.29	4.5	118.2	
26/07/2024 08:45	17.23	7.23	141.56	14.18	16.88	1.92	57.56	14.15	35.65	14.95	292.82	34.79	3.97	118.62	
26/07/2024 08:50	17.65	7.77	144.75	14.19	17.05	2.18	60.56	14.16	36.54	16.08	299.71	35.13	4.5	124.83	
26/07/2024 08:55	17.92	7.8	144.47	14.19	16.9	1.97	56.87	14.15	37.1	16.15	299.09	34.78	4.05	117.05	
26/07/2024 09:00	17.31	7.31	142.2	14.17	17.56	2.34	58.72	14.15	35.76	15.12	293.83	36.14	4.81	120.87	
26/07/2024 09:05	17.58	7.9	145.43	14.18	17.54	2.56	61.32	14.15	36.37	16.34	300.79	36.12	5.27	126.3	
26/07/2024 09:10	17.44	7.93	145.36	14.18	16.8	1.95	56.85	14.14	36.07	16.39	300.66	34.55	4.02	116.91	
26/07/2024 09:15	17.25	7.36	141.51	14.17	17.49	2.41	57.98	14.15	35.62	15.2	292.3	36	4.96	119.34	
26/07/2024 09:20	17.47	7.79	145.48	14.18	17.36	2.46	60.73	14.15	36.13	16.11	300.86	35.74	5.06	125.02	
26/07/2024 09:25	17.69	7.83	145.11	14.18	16.95	1.88	56.9	14.14	36.58	16.2	300.14	34.86	3.87	117.01	
26/07/2024 09:30	17.34	7.28	142.36	14.17	17.19	2.17	56.6	14.14	35.8	15.03	293.94	35.35	4.47	116.42	
26/07/2024 09:35	17.34	7.74	146.75	14.17	17.17	2.26	59.78	14.14	35.84	16	303.3	35.32	4.66	122.98	
26/07/2024 09:40	17.33	7.79	148.19	14.17	16.73	1.85	57.36	14.14	35.81	16.09	306.22	34.39	3.81	117.88	
26/07/2024 09:45	17.24	7.34	143.03	14.16	17.19	2.14	56.89	14.14	35.57	15.15	295.12	35.33	4.39	116.91	
26/07/2024 09:50	17.62	7.72	145.75	14.17	17.26	2.3	60.31	14.14	36.4	15.95	301.14	35.48	4.73	124.01	
26/07/2024 09:55	18.05	7.86	146.02	14.18	17.04	2.05	56.93	14.14	37.3	16.25	301.8	35.02	4.22	116.99	
26/07/2024 10:00	17.28	7.25	142.77	14.16	17.25	1.84	56.94	14.13	35.65	14.95	294.55	35.41	3.77	116.87	
26/07/2024 10:05	17.64	7.82	146.09	14.18	17.36	2.27	60.25	14.14	36.47	16.17	302	35.69	4.67	123.88	
26/07/2024 10:10	17.69	7.86	146.16	14.18	17.16	2.13	57.25	14.14	36.58	16.26	302.23	35.28	4.38	117.69	
26/07/2024 10:15	17.23	7.39	141.39	14.17	16.85	1.92	58.1	14.14	35.58	15.25	291.87	34.64	3.96	119.42	
26/07/2024 10:20	17.44	7.82	145.62	14.17	16.99	2.23	61.2	14.14	36.05	16.16	300.95	34.95	4.6	125.88	
26/07/2024 10:25	17.34	7.72	145.36	14.17	16.82	1.98	57.63	14.14	35.83	15.95	300.31	34.58	4.06	118.46	
26/07/2024 10:30	17.23	7.39	143.59	14.16	17.58	2.5	58.5	14.14	35.56	15.26	296.36	36.17	5.13	120.34	
26/07/2024 10:35	17.66	7.9	146.51	14.17	17.65	2.66	61.8	14.14	36.49	16.33	302.69	36.31	5.47	127.17	
26/07/2024 10:40	17.83	7.94	147.42	14.17	16.95	1.91	57.78	14.14	36.84	16.41	304.64	34.85	3.92	118.77	
26/07/2024 10:45	17.28	7.39	142.65	14.17	16.88	1.94	57.08	14.14	35.68	15.26	294.51	34.68	3.99	117.29	
26/07/2024 10:50	17.55	7.92	146.46	14.18	17.02	2.15	60.64	14.14	36.28	16.36	302.73	34.98	4.42	124.67	
26/07/2024 10:55	17.58	7.91	146.14	14.18	16.54	1.82	58.14	14.14	36.33	16.35	302.06	34	3.73	119.49	
26/07/2024 11:00	17.22	7.38	142.65	14.17	17.41	2.18	58.32	14.14	35.54	15.24	294.46	35.79	4.49	119.89	
26/07/2024 11:05	17.54	7.83	145.21	14.17	17.27	2.31	62.04	14.14	36.24	16.18	300.02	35.5	4.75	127.61	
26/07/2024 11:10	17.48	7.83	144.73	14.17	16.95	1.97	58.07	14.13	36.12	16.18	299.01	34.82	4.05	119.3	
26/07/2024 11:15	17.34	7.27	142.09	14.16	17.17	1.88	58.27	14.13	35.76	15.01	293.15	35.24	3.86	119.6	
26/07/2024 11:20	17.57	7.81	145.18	14.17	17.3	2.19	61.87	14.13	36.29	16.14	299.86	35.53	4.5	127.13	
26/07/2024 11:25	17.58	7.8	144.73	14.17	17.05	1.94	58.08	14.14	36.3	16.11	298.88	35.04	3.98	119.35	
26/07/2024 11:30	17.39	7.31	141.83	14.16	17.17	1.99	57.88	14.13	35.87	15.08	292.59	35.28	4.1	118.89	
26/07/2024 11:35	17.74	7.91	146.25	14.17	17.05	2.05	59.5	14.13	36.62	16.33	301.85	35.03	4.21	122.21	
26/07/2024 11:40	17.77	7.96	146.66	14.17	16.73	1.8	58.91	14.13	36.67	16.42	302.7	34.35	3.69	120.92	
26/07/2024 11:45	17.34	7.17	141.63	14.15	16.69	1.78	57.02	14.12	35.73	14.78	291.86	34.24	3.65	116.96	
26/07/2024 11:50	17.63	7.63	143.96	14.15	17.05	2.15	59.32	14.13	36.33	15.71	296.66	34.98	4.42	121.74	
26/07/2024 11:55	17.69	7.54	142.95	14.15	17.03	1.82	57.65	14.12	36.45	15.53	294.58	34.93	3.72	118.23	
26/07/2024 12:00	17.37	7.1	140.66	14.14	16.66	1.82	58.1	14.12	35.72	14.61	289.3	34.16	3.73	119.09	
26/07/2024 12:05	17.48	7.46	144.71	14.15	16.76	1.89	61.11	14.12	35.97	15.35	297.78	34.35	3.88	125.27	
26/07/2024 12:10	17.61	7.46	145	14.15	16.77	1.62	57.57	14.11	36.25	15.35	298.52	34.33	3.31	117.86	
26/07/2024 12:15	17.62	7.14	141.23	14.13	17.45	1.99	56.91	14.11	36.18	14.65	289.96	35.72	4.07	116.46	
26/07/2024 12:20	17.63	7.37	144.13	14.14	17.32	2.02	60.08	14.11	36.23	15.14	296.15	35.44	4.13	122.96	
26/07/2024 12:25	17.58	7.3	144.34	14.13	16.86	1.48	56.96	14.1	36.11	15	296.55	34.44	3.03	116.37	
26/07/2024 12:30	17.35	6.77	139.21	14.12	17.51	1.59	56.73	14.09	35.56	13.87	285.39	35.75	3.24	115.84	
26/07/2024 12:35	17.68	7.37	143.05	14.12	17.61	1.95	59.66	14.1	36.28	15.13	293.48	3			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/07/2024 14:15	17.57	6.93	141.19	14.08	17.09	1.65	56.84	14.05	35.82	14.14	287.83	34.71	3.35	115.42	
26/07/2024 14:20	17.49	7.08	144.23	14.09	17.36	2.01	60.25	14.06	35.69	14.45	294.28	35.28	4.09	122.47	
26/07/2024 14:25	16.97	6.72	144.09	14.08	17.2	1.53	57.99	14.06	34.6	13.71	293.8	34.95	3.11	117.84	
26/07/2024 14:30	17.13	6.58	142.43	14.08	17.79	1.93	57.9	14.06	34.9	13.42	290.28	36.17	3.93	117.7	
26/07/2024 14:35	17.71	7.49	145.18	14.09	17.7	2.07	61.01	14.06	36.16	15.3	296.38	35.99	4.21	124.09	
26/07/2024 14:40	17.97	7.99	145.89	14.1	17.3	1.58	57.66	14.06	36.71	16.32	298.08	35.14	3.21	117.13	
26/07/2024 14:45	17.61	6.85	140.87	14.08	17.93	1.94	57.87	14.06	35.91	13.98	287.26	36.47	3.94	117.67	
26/07/2024 14:50	17.53	7.28	145.81	14.09	17.99	2.25	61.38	14.07	35.8	14.87	297.74	36.6	4.59	124.9	
26/07/2024 14:55	17.8	7.55	145.34	14.09	16.95	1.39	58.66	14.06	36.35	15.42	296.83	34.44	2.82	119.2	
26/07/2024 15:00	17.39	7.01	140.07	14.08	17.24	1.59	58.58	14.06	35.47	14.3	285.68	35.03	3.24	119.04	
26/07/2024 15:05	17.73	7.37	146.51	14.1	17.12	1.85	65.53	14.06	36.21	15.06	299.3	34.81	3.75	133.27	
26/07/2024 15:10	17.67	7.11	145.95	14.1	14.14	2.89	86.55	14.01	36.11	14.53	298.21	28.52	5.81	174.45	
26/07/2024 15:15	17.49	7.36	145.26	14.09	13.38	4.49	99.74	13.99	35.7	15.03	296.45	26.92	9.03	200.65	
26/07/2024 15:20	17.95	7.86	147.7	14.1	13.69	4.61	101.51	14	36.72	16.07	302.12	27.57	9.29	204.49	
26/07/2024 15:25	18.03	8.08	148.22	14.11	12.56	4.01	100.83	14	36.9	16.54	303.33	25.3	8.07	203.07	
26/07/2024 15:30	17.5	7.43	146.44	14.1	12.22	3.87	100.95	14	35.78	15.18	299.35	24.61	7.79	203.31	
26/07/2024 15:35	18.2	7.98	148.58	14.11	13.19	4.34	103.01	14.01	37.27	16.34	304.3	26.62	8.76	207.92	
26/07/2024 15:40	18.52	8.04	148.67	14.11	12.51	3.84	98.81	14.01	37.92	16.46	304.46	25.24	7.75	199.32	
26/07/2024 15:45	17.71	7.63	145.84	14.11	12.54	4.39	100.08	14.02	36.27	15.63	298.64	25.31	8.87	202.06	
26/07/2024 15:50	17.93	7.9	148.21	14.13	13.09	4.61	102.86	14.02	36.79	16.22	304.12	26.46	9.32	208.02	
26/07/2024 15:55	17.75	7.83	148.19	14.13	12.32	3.89	100.45	14.01	36.43	16.08	304.17	24.86	7.84	202.7	
26/07/2024 16:00	17.54	7.55	145.3	14.12	12.97	4.79	100.6	14.02	35.94	15.47	297.76	26.22	9.68	203.4	
26/07/2024 16:05	18.13	8.02	147.13	14.14	13.17	4.7	101.93	14.03	37.26	16.48	302.32	26.65	9.52	206.25	
26/07/2024 16:10	18.17	8.04	146.33	14.14	12.38	4.17	101.72	14.02	37.34	16.51	300.7	25	8.42	205.53	
26/07/2024 16:15	17.56	7.62	145.32	14.12	12.44	4.22	100.93	14.02	36.01	15.64	298.06	25.12	8.53	203.87	
26/07/2024 16:20	17.97	8.04	148.66	14.14	12.94	4.4	101.54	14.03	36.94	16.52	305.67	26.18	8.91	205.38	
26/07/2024 16:25	17.89	8.05	149.08	14.14	12.35	4.24	102.56	14.03	36.79	16.56	306.56	24.99	8.57	207.42	
26/07/2024 16:30	17.57	7.74	146.91	14.13	13.22	4.65	100.66	14.03	36.11	15.9	301.86	26.76	9.4	203.79	
26/07/2024 16:35	18.13	8.14	147.96	14.15	13.34	4.6	103.23	14.04	37.32	16.75	304.63	27.05	9.34	209.33	
26/07/2024 16:40	18.19	8.21	147.88	14.15	12.11	4.15	101.38	14.04	37.45	16.9	304.51	24.53	8.41	205.41	
26/07/2024 16:45	17.74	7.73	146.28	14.14	12.68	4.33	101.47	14.04	36.49	15.9	300.94	25.71	8.77	205.72	
26/07/2024 16:50	18.01	7.93	147.43	14.15	13.18	4.54	102.86	14.05	37.09	16.34	303.7	26.75	9.21	208.79	
26/07/2024 16:55	18	8.07	147.19	14.15	12.56	4.3	100.78	14.05	37.09	16.62	303.31	25.48	8.71	204.38	
26/07/2024 17:00	17.05	6.75	142.33	14.11	12.83	4.58	101.53	14.05	34.92	13.82	291.41	26.03	9.29	206.02	
26/07/2024 17:05	18.14	7.09	143.36	14.12	13.26	4.63	103.84	14.05	37.17	14.54	293.8	26.94	9.41	210.89	
26/07/2024 17:10	18.13	6.93	143.31	14.12	12.3	4.18	100.23	14.05	37.16	14.2	293.83	24.94	8.47	203.26	
26/07/2024 17:15	17.73	7.11	142.88	14.11	12.54	4.52	99.05	14.05	36.3	14.56	292.51	25.46	9.18	201.04	
26/07/2024 17:20	18.07	7.44	144.38	14.12	13.17	4.69	100.98	14.06	37.05	15.25	296	26.75	9.53	205.09	
26/07/2024 17:25	18.33	7.72	144.91	14.12	12.1	3.95	98.31	14.05	37.59	15.84	297.16	24.55	8.02	199.42	
26/07/2024 17:30	17.28	7.43	145.12	14.14	11.97	3.49	85.13	14.02	35.54	15.28	298.51	24.17	7.04	171.88	
26/07/2024 17:35	18.32	8.06	147.47	14.16	12.33	3.46	87.77	14.02	37.8	16.62	304.26	24.92	7.01	177.46	
26/07/2024 17:40	18.5	8.05	146.86	14.16	11.68	3.3	86.04	14.02	38.18	16.61	303.05	23.58	6.66	173.71	
26/07/2024 17:45	17.53	7.75	145.19	14.15	11.76	3.36	85.81	14.01	36.11	15.97	299.1	23.75	6.78	173.23	
26/07/2024 17:50	18.37	8.37	148.3	14.16	12.24	3.44	88.11	14.02	37.9	17.26	306.02	24.74	6.96	178.12	
26/07/2024 17:55	18.83	8.68	149	14.17	11.82	3.46	87.63	14.03	38.86	17.91	307.54	23.91	6.99	177.23	
26/07/2024 18:00	17.68	7.93	146.6	14.16	12.43	4.23	95.22	14.05	36.44	16.34	302.21	25.24	8.58	193.3	
26/07/2024 18:05	18.11	8.12	149.18	14.16	12.97	4.4	97.89	14.06	37.36	16.75	307.8	26.37	8.94	199.02	
26/07/2024 18:10	18.25	8.14	149.98	14.17	12.47	4.14	95.88	14.06	37.67	16.81	309.57	25.32	8.41	194.72	
26/07/2024 18:15	16.97	7.41	144.83	14.15	12.11	3.82	95.24	14.05	34.98	15.28	298.49	24.59	7.75	193.35	
26/07/2024 18:20	17.95	7.95	147.15	14.17	12.47	3.96	98.1	14.06	37.09	16.43	303.96	25.35	8.05	199.33	
26/07/2024 18:25	18.25	8.04	147.17	14.17	12.18	3.96	94.3	14.06	37.71	16.6	304.12	24.75	8.04	191.53	
26/07/2024 18:30	17.42	7.62	146.46	14.16	12.14	3.73	95.18	14.05	35.95	15.73	302.21	24.64	7.57	193.23	
26/07/2024 18:35	18.17	8.29	147.83	14.17	12.63	4.06	97.2	14.06	37.53	17.12	305.38	25.68	8.26	197.61	
26/07/2024 18:40	18.58	8.63	147.94	14.17	12	3.93	95.19	14.06	38.39	17.83	305.7	24.38	7.99	193.41	
26/07/2024 18:45	17.49	7.72	145.26	14.16	12.82	4.86	95.55	14.07	36.08	15.92	299.57	26.1	9.89	194.49	
26/07/2024 18:50	17.92	8.02	147.67	14.17	13.32	4.85	97.57	14.08	37.04	16.57	305.16	27.13	9.89	198.81	
26/07/2024 18:55	18	8.04	147.02	14.18	12.05	3.85	94.33	14.06	37.2	16.61	303.87	24.49	7.82	191.7	
26/07/2024 19:00	17.57	7.66	145.72	14.16	12.91	4.28	94.17	14.06	36.25	15.8	300.6	26.24	8.7	191.48	
26/07/2024 19:05	18.04	8.3	148.91	14.17	12.97	4.28	97.37	14.07	37.26	17.16	307.65	26.4	8.71	198.14	
26/07/2024 19:10	18.16	8.57	148.98	14.17	11.88	3.94	96.38	14.06	37.52	17.7	307.87	24.13	8.01	195.82	
26/07/2024 19:15	17.51	7.91	146.5	14.16	12.77	4.86	98.64	14.07	36.09	16.32	301.99	25.97	9.88	200.61	
26/07/2024 19:20	18.05	8.18	148.11	14.17	13.17	4.79	99.83	14.07	37.27	16.89	305.88	26.81	9.76	203.27	
26/07/2024 19:25	18	8.27	148.11	14.17	12.07	4.03	95.68	14.06	37.2	17.09	306.06	24.52	8.19	194.4	
26/07/2024 19:30	17.65	7.94	145.93	14.16	12.16	4.1	96.05	14.05	36.4	16.39	300.98	24.7	8.32	195.05	
26/07/2024 19:35	18	8.03	148.97	14.17	12.57	4.21	98.43	14.06	37.17	16.58	307.69	25.56	8.56	200.16	
26/07/2024 19:40	18.03	8	149.95	14.17	12.02	4.18	95.95	14.06	37.25	16.54	309.8	24.45	8.49	195.09	
26/07/2024 19:45	17.31	7.5	144.46	14.16	12.41	4.3	94.23	14.06	35.7	15.48	297.99	25.22	8.74	191.52	
26/07/2024 19:50	18.26	7.97	145.53	14.18	12.95	4.32	95.99	14.07	37.75	16.47	300.81	26.35	8.8	195.39	
26/07/2024 19:55	18.66	8.21	145.41	14.18	12.26	3.96	93.81	14.06	38.58	16.97	300.68	24.93	8.06	190.75	
26/07/2024 20:00	17.5	7.7	143.64	14.16	12.01	4.01	95.31	14.06	36.13	15.91	296.49	24.42	8.16	193.81	
26/07/2024 20:05	18.05	7.95	146.65	14.17	12.68	4.31	97.24	14.07	37.3	16.42	303.04	25.81	8.77	197.97	
26/07/2024 20:10	18.05	7.79	145.02	14.17	12.06	3.98	95.2	14.06	37.28	16.08	299.6	24.53			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/07/2024 21:50	17.81	8.07	148.14	14.17	14.44	4.49	88.24	14.1	36.8	16.67	306.11	29.52	9.16	180.11	
26/07/2024 21:55	17.63	7.88	147.56	14.17	16.07	2.04	58.41	14.13	36.41	16.28	304.86	33	4.19	119.98	
26/07/2024 22:00	17.44	7.88	145.98	14.16	16.92	2.45	57.8	14.14	35.98	16.26	301.22	34.79	5.03	118.82	
26/07/2024 22:05	17.85	8.31	148.87	14.17	17	2.74	62.01	14.14	36.85	17.16	307.36	34.97	5.63	127.55	
26/07/2024 22:10	18.05	8.43	148.05	14.17	16.6	1.98	55.53	14.13	37.28	17.4	305.79	34.09	4.07	114.05	
26/07/2024 22:15	17.57	7.93	146.51	14.16	17.08	2.37	55.43	14.13	36.24	16.37	302.22	35.08	4.87	113.85	
26/07/2024 22:20	17.97	8.46	149.98	14.17	17.05	2.62	60.71	14.14	37.09	17.47	309.65	35.03	5.38	124.8	
26/07/2024 22:25	18.11	8.46	150.16	14.17	16.59	1.94	56.61	14.13	37.4	17.47	310.14	34.08	3.99	116.26	
26/07/2024 22:30	17.65	7.91	146.71	14.16	16.86	2.25	56.19	14.13	36.38	16.3	302.44	34.63	4.63	115.41	
26/07/2024 22:35	17.79	8.32	150.1	14.16	17.13	2.54	61.03	14.14	36.7	17.18	309.74	35.2	5.21	125.47	
26/07/2024 22:40	17.89	8.3	149.89	14.16	16.59	2.06	56.39	14.13	36.92	17.13	309.31	34.05	4.23	115.72	
26/07/2024 22:45	17.51	7.9	146.59	14.16	17.03	2.25	55.39	14.12	36.09	16.29	302.15	34.93	4.62	113.63	
26/07/2024 22:50	17.81	8.38	148.65	14.16	17.13	2.49	58.91	14.13	36.76	17.3	306.76	35.17	5.1	120.93	
26/07/2024 22:55	17.91	8.47	148.16	14.16	16.73	2.04	55.69	14.13	36.95	17.48	305.73	34.34	4.19	114.29	
26/07/2024 23:00	17.39	7.72	145.27	14.16	16.97	2.27	55.68	14.13	35.84	15.91	299.44	34.86	4.67	114.33	
26/07/2024 23:05	17.97	8.29	148.13	14.17	17.18	2.52	59.51	14.13	37.09	17.1	305.76	35.28	5.19	122.26	
26/07/2024 23:10	18.16	8.29	147.39	14.17	16.93	1.99	55.39	14.13	37.48	17.11	304.29	34.73	4.08	113.66	
26/07/2024 23:15	17.62	7.68	143.54	14.16	17.64	2.43	56.25	14.13	36.32	15.83	295.92	36.22	4.98	115.48	
26/07/2024 23:20	17.49	8.02	148.23	14.16	17.42	2.5	59.13	14.13	36.07	16.55	305.77	35.76	5.13	121.44	
26/07/2024 23:25	17.2	7.79	147.63	14.16	16.83	2.02	55.37	14.13	35.47	16.05	304.42	34.53	4.15	113.62	
26/07/2024 23:30	17.57	7.68	144.3	14.15	17.71	2.32	55.32	14.13	36.21	15.83	297.36	36.36	4.77	113.58	
26/07/2024 23:35	17.8	8.25	147.05	14.16	17.57	2.51	59.39	14.13	36.73	17.02	303.41	36.08	5.17	122.03	
26/07/2024 23:40	17.91	8.43	146.17	14.17	16.94	2.03	55.47	14.13	36.96	17.39	301.7	34.78	4.17	113.87	
26/07/2024 23:45	17.54	7.78	144.95	14.16	17.61	2.31	54.74	14.13	36.17	16.04	298.91	36.15	4.74	112.39	
26/07/2024 23:50	18.04	8.37	148.74	14.17	17.44	2.35	60.44	14.13	37.25	17.3	307.19	35.81	4.82	124.15	
26/07/2024 23:55	18.25	8.52	149.22	14.17	16.81	1.98	55.06	14.13	37.69	17.6	308.21	34.51	4.07	113.07	
27/07/2024 00:00	17.86	7.85	144.49	14.16	17.42	2.44	55.32	14.13	36.83	16.19	297.95	35.78	5.02	113.6	
27/07/2024 00:05	17.85	8.26	147.67	14.17	17.42	2.66	59.87	14.13	36.87	17.06	305.01	35.8	5.47	123.05	
27/07/2024 00:10	17.81	8.38	148.14	14.17	16.94	2.14	55.89	14.13	36.8	17.31	306.05	34.8	4.4	114.79	
27/07/2024 00:15	17.44	7.51	144.07	14.16	17.43	2.34	54.84	14.13	35.96	15.48	297.07	35.8	4.81	112.63	
27/07/2024 00:20	17.94	8.17	147.55	14.17	17.32	2.54	60.56	14.13	37.06	16.87	304.73	35.57	5.23	124.44	
27/07/2024 00:25	18.08	8.16	147.33	14.17	16.74	1.87	55.78	14.13	37.33	16.85	304.23	34.34	3.83	114.43	
27/07/2024 00:30	17.72	7.78	144.3	14.16	17.1	2.13	56.89	14.13	36.54	16.06	297.59	35.11	4.36	116.78	
27/07/2024 00:35	18.04	8.5	148.08	14.17	17.26	2.42	59.85	14.13	37.27	17.55	305.82	35.46	4.97	122.95	
27/07/2024 00:40	18.14	8.55	147.94	14.17	17.13	2.22	56.98	14.13	37.47	17.66	305.56	35.18	4.55	117.01	
27/07/2024 00:45	17.77	8	143.2	14.16	17.54	2.48	56.84	14.13	36.67	16.5	295.42	36.03	5.09	116.72	
27/07/2024 00:50	18.08	8.32	147.65	14.17	17.51	2.62	60.04	14.13	37.35	17.19	305.08	35.99	5.39	123.41	
27/07/2024 00:55	18.27	8.22	147.22	14.17	17	1.91	55.16	14.13	37.74	16.99	304.22	34.91	3.92	113.27	
27/07/2024 01:00	17.86	7.86	144.97	14.16	17.35	2.32	56.38	14.13	36.85	16.22	299.23	35.64	4.76	115.81	
27/07/2024 01:05	18.02	8.43	148.57	14.17	17.56	2.6	60.01	14.14	37.22	17.42	306.9	36.08	5.34	123.35	
27/07/2024 01:10	17.95	8.46	148.48	14.17	17.03	2.13	57.08	14.13	37.09	17.47	306.76	34.97	4.37	117.24	
27/07/2024 01:15	17.77	7.81	144.66	14.16	17.16	2.41	57.59	14.13	36.64	16.1	298.3	35.25	4.96	118.29	
27/07/2024 01:20	17.81	8.44	149.22	14.17	17.11	2.49	61.47	14.13	36.76	17.42	308.01	35.14	5.12	126.31	
27/07/2024 01:25	17.55	8.55	149.67	14.16	16.79	2.17	59.07	14.13	36.21	17.65	308.86	34.49	4.45	121.31	
27/07/2024 01:30	17.74	8.05	146.51	14.16	17.39	2.72	59.89	14.14	36.57	16.61	302.14	35.74	5.59	123.06	
27/07/2024 01:35	17.98	8.33	148.36	14.17	17.35	2.76	62.7	14.14	37.13	17.2	306.37	35.66	5.68	128.91	
27/07/2024 01:40	18.02	8.29	148.53	14.17	17.04	2.22	58.9	14.13	37.19	17.11	306.65	34.99	4.56	120.99	
27/07/2024 01:45	17.76	7.92	144.76	14.16	17.54	2.54	58.18	14.13	36.62	16.33	298.5	36.01	5.21	119.48	
27/07/2024 01:50	17.85	8.54	150.3	14.17	17.45	2.73	62.49	14.13	36.87	17.64	310.39	35.86	5.61	128.41	
27/07/2024 01:55	17.72	8.55	150.53	14.17	16.98	2.38	60.41	14.13	36.6	17.66	310.92	34.88	4.89	124.08	
27/07/2024 02:00	17.68	7.84	144.73	14.16	17.49	2.73	59.26	14.13	36.47	16.17	298.53	35.92	5.61	121.73	
27/07/2024 02:05	17.99	8.43	149.5	14.17	17.5	2.85	62.91	14.14	37.14	17.42	308.74	35.96	5.86	129.33	
27/07/2024 02:10	18.22	8.52	150.23	14.17	17.05	2.24	57.85	14.13	37.62	17.59	310.23	35.04	4.6	118.87	
27/07/2024 02:15	17.8	7.74	144.21	14.16	17.45	2.52	58.39	14.14	36.71	15.97	297.48	35.87	5.19	120	
27/07/2024 02:20	17.72	8.45	149.74	14.17	17.44	2.75	62.88	14.14	36.61	17.45	309.44	35.86	5.66	129.33	
27/07/2024 02:25	17.92	8.6	151.23	14.18	16.76	2.13	59.56	14.13	37.06	17.78	312.73	34.43	4.38	122.34	
27/07/2024 02:30	17.68	7.89	143.85	14.16	17.68	2.73	58.01	14.13	36.46	16.28	296.69	36.32	5.6	119.16	
27/07/2024 02:35	17.85	8.23	147.85	14.17	17.55	2.8	61.51	14.14	36.89	17	305.51	36.06	5.76	126.46	
27/07/2024 02:40	17.81	8.22	147.72	14.18	17	2.22	58.93	14.13	36.82	17	305.32	34.91	4.55	121.02	
27/07/2024 02:45	17.66	7.78	144.91	14.16	17.49	2.41	58.27	14.13	36.43	16.05	298.91	35.91	4.94	119.6	
27/07/2024 02:50	17.81	8.34	148.18	14.17	17.46	2.58	61.44	14.13	36.77	17.23	305.97	35.86	5.29	126.2	
27/07/2024 02:55	17.55	8.35	147.02	14.17	17.03	2.25	59.35	14.13	36.25	17.25	303.73	34.98	4.62	121.87	
27/07/2024 03:00	17.65	7.79	144.65	14.16	17.44	2.56	59.97	14.14	36.41	16.08	298.44	35.83	5.25	123.23	
27/07/2024 03:05	17.84	8.38	148.61	14.17	17.53	2.77	63.33	14.14	36.87	17.32	307.06	36.04	5.69	130.23	
27/07/2024 03:10	17.73	8.44	149.27	14.18	17.21	2.4	60.13	14.14	36.66	17.45	308.52	35.36	4.93	123.58	
27/07/2024 03:15	17.78	7.89	144.23	14.16	17.31	2.24	60.96	14.13	36.68	16.29	297.55	35.56	4.61	125.24	
27/07/2024 03:20	17.87	8.26	148.4	14.17	17.43	2.59	64.5	14.14	36.89	17.06	306.4	35.83	5.32	132.61	
27/07/2024 03:25	17.86	8.25	149	14.17	16.99	2.04	59	14.13	36.88	17.04	307.68	34.89	4.19	121.15	
27/07/2024 03:30	17.66	7.85	144.96	14.16	17.56	2.55	60.45	14.14	36.43	16.2	299.05	36.09	5.25	124.22	
27/07/2024 03:35	17.95	8.29	148.23	14.17	17.63	2.71	62.19	14.14	37.05	17.12	306	36.22	5.58	127.83	
27/07/2024 03:40	17.88	8.29	147.91	14.17	17.29	2.28	59.81	14.13	36.9	17.11	305.35	35.5	4.68	122.8	
27/07/2024 03:45	17.69	7.72	144.25	14.16	18.12	3.2	61.89	14.14	36.48	15.92	297.49	3			



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/07/2024 05:25	18.08	8.35	148.28	14.16	17.13	2.29	62.22	14.13	37.29	17.22	305.85	35.17	4.71	127.77	
27/07/2024 05:30	17.57	7.88	145.26	14.16	17.45	2.59	62.69	14.13	36.21	16.26	299.5	35.82	5.32	128.7	
27/07/2024 05:35	18.06	8.5	149.48	14.16	17.54	2.9	67.11	14.13	37.27	17.54	308.46	36.03	5.96	137.88	
27/07/2024 05:40	18.25	8.5	149.17	14.16	17.34	2.54	63.74	14.13	37.65	17.54	307.75	35.62	5.22	130.91	
27/07/2024 05:45	17.69	7.81	145.19	14.16	17.82	2.85	64.08	14.14	36.45	16.11	299.28	36.62	5.85	131.69	
27/07/2024 05:50	17.82	8.19	147.48	14.16	17.8	2.94	69.1	14.14	36.76	16.89	304.31	36.58	6.04	142.05	
27/07/2024 05:55	17.88	8.24	147.41	14.16	17.35	2.48	62.26	14.13	36.87	16.99	304.04	35.63	5.1	127.84	
27/07/2024 06:00	17.64	7.74	143.27	14.16	17.94	3.03	61.96	14.13	36.35	15.94	295.26	36.85	6.21	127.27	
27/07/2024 06:05	17.73	8.13	147.74	14.16	17.97	3.23	66.59	14.14	36.59	16.77	304.86	36.92	6.63	136.87	
27/07/2024 06:10	17.64	8.18	148.3	14.17	17.1	2.32	62.34	14.13	36.42	16.88	306.16	35.1	4.76	128.01	
27/07/2024 06:15	17.66	7.56	142.86	14.15	17.76	2.56	61.44	14.13	36.39	15.58	294.42	36.47	5.26	126.21	
27/07/2024 06:20	17.88	8.03	147.05	14.16	17.7	2.72	64.69	14.13	36.9	16.58	303.4	36.36	5.58	132.93	
27/07/2024 06:25	17.91	8.04	146.8	14.17	17.44	2.52	62.33	14.13	36.96	16.59	302.99	35.82	5.17	128.03	
27/07/2024 06:30	17.66	7.69	144.02	14.16	17.44	2.63	62.77	14.13	36.41	15.86	296.95	35.82	5.41	128.92	
27/07/2024 06:35	17.94	8.12	147.31	14.17	17.53	2.83	65.61	14.14	37.03	16.76	304.05	36.03	5.83	134.84	
27/07/2024 06:40	17.91	8.14	148.05	14.17	17.17	2.35	62.63	14.13	36.97	16.81	305.65	35.27	4.82	128.62	
27/07/2024 06:45	17.59	7.78	142.49	14.16	17.65	2.8	62.06	14.14	36.28	16.04	293.85	36.26	5.76	127.53	
27/07/2024 06:50	17.99	8.1	147.78	14.16	17.74	2.91	65.57	14.14	37.11	16.71	304.79	36.45	5.98	134.76	
27/07/2024 06:55	18.08	8.08	148.67	14.16	17.29	2.42	63.22	14.13	37.3	16.67	306.72	35.49	4.96	129.74	
27/07/2024 07:00	17.73	7.75	144.65	14.15	17.56	2.91	64.15	14.13	36.53	15.96	298.06	36.03	5.97	131.68	
27/07/2024 07:05	17.75	8.15	147.65	14.16	17.74	3.11	67.2	14.13	36.58	16.8	304.34	36.42	6.4	138.03	
27/07/2024 07:10	17.66	8.18	147.47	14.16	17.1	2.12	61.94	14.12	36.41	16.86	304.1	35.06	4.36	127.02	
27/07/2024 07:15	17.69	7.37	142.53	14.15	17.58	2.39	60.75	14.12	36.41	15.16	293.33	36.06	4.91	124.57	
27/07/2024 07:20	18.02	7.93	146.84	14.15	17.61	2.54	63.75	14.12	37.12	16.35	302.55	36.13	5.2	130.78	
27/07/2024 07:25	18.22	7.97	147.17	14.15	17.27	2.17	62.26	14.12	37.54	16.43	303.28	35.4	4.46	127.61	
27/07/2024 07:30	17.78	7.5	143.17	14.14	18.36	3.02	60.87	14.13	36.57	15.44	294.48	37.67	6.21	124.88	
27/07/2024 07:35	18.01	7.79	145.36	14.15	18.28	3.02	63.81	14.12	37.06	16.04	299.17	37.49	6.2	130.92	
27/07/2024 07:40	18.03	7.74	144.64	14.15	17.39	2.07	59.78	14.11	37.11	15.93	297.71	35.6	4.25	122.4	
27/07/2024 07:45	17.82	7.04	140.59	14.13	18.06	2.55	60.74	14.11	36.61	14.46	288.83	36.97	5.22	124.35	
27/07/2024 07:50	17.96	7.74	144.89	14.15	17.9	2.62	63.83	14.11	36.95	15.92	298.17	36.66	5.38	130.75	
27/07/2024 07:55	17.97	7.82	145.19	14.15	17.3	2.08	61.13	14.1	36.99	16.09	298.84	35.4	4.26	125.03	
27/07/2024 08:00	17.74	7.2	140.9	14.13	18.32	2.78	60.56	14.11	36.42	14.79	289.32	37.48	5.68	123.91	
27/07/2024 08:05	17.96	7.77	145.27	14.14	18.11	2.73	64.18	14.11	36.91	15.96	298.56	37.06	5.59	131.34	
27/07/2024 08:10	18.05	7.71	144.8	14.14	17.18	1.95	61.74	14.1	37.09	15.84	297.55	35.12	3.98	126.18	
27/07/2024 08:15	17.65	7.24	141.88	14.12	18	2.61	61.31	14.1	36.21	14.84	290.99	36.81	5.35	125.37	
27/07/2024 08:20	17.69	7.58	144.97	14.13	18.03	2.74	64.09	14.1	36.29	15.56	297.45	36.87	5.61	131.06	
27/07/2024 08:25	17.75	7.79	145.38	14.12	17.29	2.09	62.44	14.09	36.41	15.97	298.19	35.32	4.26	127.52	
27/07/2024 08:30	17.5	7	140.97	14.12	18.31	2.8	62.9	14.1	35.85	14.34	288.86	37.4	5.73	128.49	
27/07/2024 08:35	17.7	7.42	144.41	14.13	18.16	2.89	66.03	14.1	36.33	15.22	296.28	37.1	5.92	134.96	
27/07/2024 08:40	17.86	7.3	143.14	14.13	17.27	2.11	62.63	14.09	36.65	14.98	293.74	35.24	4.31	127.83	
27/07/2024 08:45	17.72	7.05	141.62	14.11	18.04	2.67	62.46	14.09	36.29	14.45	290.09	36.84	5.45	127.58	
27/07/2024 08:50	17.72	7.66	145.73	14.13	18.08	2.93	66.35	14.1	36.36	15.72	298.99	36.95	5.98	135.58	
27/07/2024 08:55	18	8	145.77	14.13	17.37	2.03	61.91	14.08	36.96	16.44	299.34	35.42	4.14	126.26	
27/07/2024 09:00	17.86	7.39	142.27	14.11	17.69	2.3	61.14	14.09	36.56	15.13	291.29	36.11	4.69	124.77	
27/07/2024 09:05	17.76	7.33	145.38	14.11	17.68	2.52	65.56	14.09	36.38	15.01	297.71	36.08	5.15	133.81	
27/07/2024 09:10	17.78	7.08	145	14.11	17.4	2.11	62.71	14.08	36.42	14.51	297.01	35.46	4.31	127.81	
27/07/2024 09:15	17.6	7.07	142.31	14.1	16.61	1.84	65.09	14.08	35.99	14.47	291.04	33.83	3.75	132.56	
27/07/2024 09:20	17.51	7.44	145.23	14.1	17	2.12	67.11	14.08	35.82	15.23	297.06	34.63	4.31	136.73	
27/07/2024 09:25	17.39	7.57	145.33	14.1	17.03	1.7	62.16	14.07	35.56	15.47	297.2	34.66	3.47	126.48	
27/07/2024 09:30	17.62	7.1	141.7	14.09	17.57	2.15	61.54	14.07	35.98	14.49	289.39	35.76	4.38	125.22	
27/07/2024 09:35	18.09	7.89	145.91	14.11	17.82	2.49	65.1	14.07	37.03	16.14	298.58	36.27	5.08	132.56	
27/07/2024 09:40	18.19	8.08	146.53	14.11	17.67	2.26	63.3	14.07	37.22	16.54	299.87	35.96	4.6	128.83	
27/07/2024 09:45	17.58	7.02	141.74	14.09	17.22	1.74	63.78	14.06	35.88	14.32	289.39	35.02	3.54	129.7	
27/07/2024 09:50	17.68	7.39	144.85	14.1	17.43	2.23	67.25	14.07	36.12	15.09	295.91	35.45	4.54	136.81	
27/07/2024 09:55	17.11	6.69	143.78	14.09	17.29	1.98	64.19	14.06	34.92	13.65	293.43	35.16	4.02	130.48	
27/07/2024 10:00	17.36	6.89	142.01	14.09	17.75	2.04	63.89	14.06	35.42	14.06	289.72	36.08	4.14	129.87	
27/07/2024 10:05	17.85	7.51	146.41	14.09	17.76	2.42	68.82	14.06	36.43	15.33	298.72	36.1	4.91	139.91	
27/07/2024 10:10	18.03	7.52	146.83	14.08	17.34	1.93	65.22	14.05	36.77	15.33	299.38	35.2	3.92	132.44	
27/07/2024 10:15	17.64	6.87	140.14	14.07	18.02	2.49	63.15	14.06	35.93	14	285.4	36.6	5.06	128.26	
27/07/2024 10:20	17.78	7.31	145.14	14.08	17.94	2.5	66.2	14.06	36.25	14.9	296	36.45	5.08	134.5	
27/07/2024 10:25	17.92	7.3	145.16	14.08	17.59	2.06	64.1	14.05	36.54	14.89	295.97	35.71	4.18	130.11	
27/07/2024 10:30	17.69	6.97	142.28	14.07	17.59	2.34	64.66	14.05	36.03	14.19	289.71	35.7	4.74	131.22	
27/07/2024 10:35	17.84	7.2	144.34	14.08	17.69	2.4	67.07	14.05	36.35	14.67	294.01	35.9	4.87	136.13	
27/07/2024 10:40	17.98	7.16	143.86	14.08	17.45	1.88	63.44	14.04	36.63	14.58	292.99	35.38	3.82	128.61	
27/07/2024 10:45	17.53	6.71	139.63	14.07	18.23	2.59	64.78	14.05	35.66	13.64	284.02	37	5.25	131.44	
27/07/2024 10:50	17.42	7.29	145.39	14.07	18.17	2.67	65.82	14.05	35.47	14.85	296.05	36.86	5.42	133.56	
27/07/2024 10:55	17.34	7.33	145.44	14.07	17.41	1.97	64.84	14.04	35.31	14.93	296.07	35.26	3.99	131.34	
27/07/2024 11:00	17.42	6.9	141.02	14.06	17.72	2.16	64.36	14.03	35.41	14.02	286.58	35.85	4.36	130.25	
27/07/2024 11:05	17.82	7.32	145.43	14.07	17.73	2.35	67.56	14.04	36.27	14.89	295.91	35.91	4.76	136.85	
27/07/2024 11:10	18.05	7.33	145.75	14.07	17.33	1.77	64.33	14.03	36.71	14.92	296.5	35.08	3.58	130.2	
27/07/2024 11:15	17.6	6.78	142.27	14.06	17.39	1.96	64.64	14.03	35.75	13.77	288.99	35.19	3.96	130.8	
27/07/2024 11:20	17.77	7.19	144.28	14.06	17.45	2.11	66.93	14.03	36.12	14.61	293.28				



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/07/2024 13:00	17.47	6.84	143.1	14.03	18.43	2.39	65.37	14.01	35.37	13.84	289.71	37.2	4.82	131.95	
27/07/2024 13:05	17.5	7.12	146.08	14.04	18.35	2.62	70.17	14.02	35.46	14.42	295.95	37.04	5.29	141.69	
27/07/2024 13:10	17.52	7.03	146.11	14.04	17.08	1.48	65.87	14	35.48	14.25	295.94	34.41	2.98	132.69	
27/07/2024 13:15	17.39	6.69	141.46	14.03	17.41	1.81	66.53	14	35.17	13.54	286.11	35.07	3.66	134.05	
27/07/2024 13:20	17.51	7.08	145.75	14.04	17.44	2.07	69.91	14	35.46	14.33	295.14	35.15	4.17	140.94	
27/07/2024 13:25	17.55	7.05	145.59	14.03	17.14	1.55	65.37	14	35.53	14.27	294.77	34.52	3.12	131.65	
27/07/2024 13:30	17.44	6.81	143.5	14.03	17.92	2.17	66.94	14	35.27	13.77	290.24	36.13	4.37	134.95	
27/07/2024 13:35	17.6	7.25	146.68	14.04	17.99	2.55	70.87	14.01	35.66	14.69	297.22	36.3	5.15	143.06	
27/07/2024 13:40	17.55	7.18	146.44	14.04	17.46	1.93	66.5	14.01	35.57	14.55	296.88	35.23	3.89	134.2	
27/07/2024 13:45	17.34	6.73	143	14.04	18.38	2.61	67.27	14.02	35.12	13.64	289.57	37.1	5.28	135.83	
27/07/2024 13:50	17.41	7.27	146.65	14.04	18.1	2.65	69.44	14.02	35.29	14.73	297.19	36.54	5.34	140.21	
27/07/2024 13:55	17.27	7.18	146.55	14.04	17.28	1.99	68.96	14.01	34.99	14.54	296.97	34.86	4.01	139.09	
27/07/2024 14:00	17.17	6.92	144.45	14.03	17.69	2.32	69.82	14.01	34.77	14.02	292.5	35.69	4.68	140.83	
27/07/2024 14:05	17.5	7.51	148.52	14.04	17.81	2.59	72.41	14.02	35.49	15.23	301.13	35.96	5.24	146.21	
27/07/2024 14:10	17.58	7.55	149.66	14.04	17.22	2.09	69.52	14.02	35.64	15.31	303.41	34.78	4.22	140.44	
27/07/2024 14:15	17.44	7.32	146.06	14.05	17.96	2.77	70.08	14.03	35.37	14.85	296.33	36.31	5.61	141.69	
27/07/2024 14:20	17.82	7.9	148.63	14.06	17.83	2.77	72.59	14.03	36.19	16.05	301.92	36.07	5.6	146.86	
27/07/2024 14:25	17.97	8.05	149.61	14.06	17.2	2.07	68.41	14.03	36.51	16.36	304	34.79	4.18	138.33	
27/07/2024 14:30	17.87	7.38	143.73	14.06	17.42	2.38	67.74	14.03	36.29	14.99	291.92	35.26	4.81	137.07	
27/07/2024 14:35	18.07	7.65	145.35	14.07	17.63	2.69	72.15	14.04	36.75	15.56	295.64	35.71	5.46	146.15	
27/07/2024 14:40	18.08	7.66	145.05	14.07	17.48	2.17	66.73	14.04	36.77	15.58	295	35.39	4.39	135.15	
27/07/2024 14:45	17.75	7.42	144.34	14.06	17.58	2.12	67.9	14.04	36.09	15.08	293.41	35.6	4.28	137.53	
27/07/2024 14:50	18.06	8.2	148.37	14.08	17.63	2.51	71.58	14.04	36.8	16.7	302.27	35.74	5.09	145.13	
27/07/2024 14:55	18.2	8.25	147.97	14.08	17.24	2.26	68.87	14.04	37.09	16.82	301.5	34.94	4.57	139.62	
27/07/2024 15:00	17.84	7.6	143.93	14.07	17.09	2.21	67.65	14.04	36.34	15.48	293.16	34.64	4.48	137.15	
27/07/2024 15:05	18.15	8.32	147.71	14.09	17.43	2.63	70.5	14.05	37.03	16.97	301.34	35.37	5.34	143.08	
27/07/2024 15:10	18.28	8.35	147.02	14.09	17.31	2.34	67.29	14.05	37.31	17.04	300.03	35.14	4.75	136.65	
27/07/2024 15:15	17.86	7.89	145.7	14.08	17.74	2.64	67.66	14.06	36.42	16.1	297.17	36.04	5.36	137.46	
27/07/2024 15:20	18	8.45	149.82	14.1	17.8	2.91	71.28	14.06	36.79	17.28	306.18	36.2	5.93	144.97	
27/07/2024 15:25	18.13	8.52	150.33	14.1	17.28	2.54	69.49	14.07	37.06	17.42	307.36	35.17	5.18	141.41	
27/07/2024 15:30	17.68	7.93	146.14	14.1	17.96	2.84	68.8	14.07	36.12	16.21	298.61	36.54	5.79	140	
27/07/2024 15:35	17.92	8.63	150.78	14.11	17.9	3.17	73.58	14.08	36.68	17.66	308.61	36.46	6.47	149.92	
27/07/2024 15:40	17.8	8.71	150.42	14.11	17.21	2.59	69.92	14.07	36.44	17.83	307.98	35.05	5.27	142.37	
27/07/2024 15:45	17.72	8.11	148.19	14.1	17.72	2.82	69.78	14.07	36.24	16.59	303.06	36.09	5.75	142.11	
27/07/2024 15:50	18.03	8.71	151.29	14.12	17.73	3.04	71.39	14.08	36.95	17.85	310.08	36.14	6.2	145.53	
27/07/2024 15:55	18.14	8.83	152.36	14.12	17.16	2.62	70.05	14.08	37.2	18.11	312.45	34.98	5.34	142.79	
27/07/2024 16:00	17.76	8.09	147.68	14.1	17.58	2.87	69.75	14.08	36.32	16.55	302.05	35.84	5.85	142.22	
27/07/2024 16:05	18.06	8.7	150.68	14.12	17.58	3.07	73.16	14.09	37.02	17.83	308.85	35.85	6.27	149.26	
27/07/2024 16:10	18.22	8.82	151.28	14.12	17.24	2.58	69.14	14.08	37.36	18.08	310.23	35.15	5.25	140.95	
27/07/2024 16:15	17.74	8.1	147.73	14.11	17.63	2.71	68.35	14.08	36.31	16.57	302.38	35.92	5.52	139.29	
27/07/2024 16:20	17.99	8.66	150.14	14.12	17.69	3.01	71.4	14.08	36.88	17.75	307.87	36.07	6.15	145.65	
27/07/2024 16:25	18.03	8.74	150.53	14.12	17.13	2.6	69.24	14.09	36.98	17.92	308.7	34.94	5.31	141.25	
27/07/2024 16:30	17.67	8.07	148.02	14.11	17.44	2.55	68.42	14.08	36.2	16.52	303.17	35.56	5.21	139.51	
27/07/2024 16:35	18.17	8.68	149.59	14.12	17.43	2.73	71.44	14.09	37.26	17.81	306.73	35.57	5.58	145.78	
27/07/2024 16:40	18.33	8.75	150.34	14.12	16.91	2.24	68.1	14.09	37.59	17.95	308.31	34.49	4.57	138.93	
27/07/2024 16:45	17.76	8.08	146.64	14.12	17.25	2.66	68.78	14.09	36.39	16.56	300.46	35.23	5.43	140.43	
27/07/2024 16:50	17.96	8.52	148.68	14.12	17.34	2.86	71.87	14.09	36.84	17.48	305.03	35.41	5.85	146.81	
27/07/2024 16:55	17.89	8.57	149.03	14.13	17.03	2.45	68.61	14.09	36.71	17.58	305.83	34.76	5.01	140.05	
27/07/2024 17:00	17.58	7.63	145.07	14.09	17.52	2.87	68.98	14.1	35.9	15.59	296.19	35.79	5.87	140.93	
27/07/2024 17:05	18.08	7.59	143.36	14.08	17.64	3.14	72.13	14.09	36.82	15.47	291.98	36.02	6.4	147.3	
27/07/2024 17:10	18.14	7.66	144.17	14.08	17.26	2.61	67.9	14.09	36.95	15.6	293.62	35.22	5.33	138.57	
27/07/2024 17:15	17.76	7.14	141.07	14.07	17.76	2.86	68.28	14.09	36.13	14.53	287	36.25	5.83	139.34	
27/07/2024 17:20	17.88	7.63	144.14	14.08	17.8	3	70.81	14.09	36.42	15.54	293.6	36.33	6.11	144.47	
27/07/2024 17:25	17.92	7.69	144.34	14.08	17.42	2.6	67.85	14.08	36.53	15.68	294.24	35.49	5.3	138.23	
27/07/2024 17:30	17.8	7.4	141.61	14.09	17.75	2.58	67.14	14.07	36.31	15.11	288.96	36.14	5.25	136.67	
27/07/2024 17:35	18.17	8.48	148.43	14.1	17.67	2.76	67.73	14.06	37.15	17.35	303.55	35.94	5.61	137.76	
27/07/2024 17:40	18.31	8.57	148.59	14.11	16.9	2.05	58.64	14.03	37.47	17.53	304.02	34.2	4.15	118.69	
27/07/2024 17:45	17.96	8.05	144.56	14.09	17.63	2.3	57.59	14.03	36.67	16.44	295.22	35.7	4.65	116.6	
27/07/2024 17:50	18.05	8.51	148.58	14.1	17.55	2.53	61.32	14.04	36.91	17.39	303.8	35.55	5.13	124.27	
27/07/2024 17:55	18.09	8.54	149.03	14.1	16.77	1.97	58.24	14.03	37	17.46	304.78	33.94	3.99	117.87	
27/07/2024 18:00	17.86	7.97	144.52	14.09	17.24	2.3	57.08	14.03	36.45	16.28	295.07	34.89	4.65	115.52	
27/07/2024 18:05	18.07	8.56	148.06	14.1	17.4	2.78	64.42	14.05	36.95	17.5	302.83	35.3	5.65	130.81	
27/07/2024 18:10	17.94	8.68	148.39	14.11	16.84	2.3	62.19	14.07	36.7	17.75	303.61	34.26	4.68	126.5	
27/07/2024 18:15	17.86	7.98	145.07	14.1	17.31	2.74	63.49	14.08	36.5	16.31	296.47	35.26	5.57	129.34	
27/07/2024 18:20	18.24	8.59	149.46	14.11	17.44	2.86	65.38	14.08	37.32	17.58	305.85	35.53	5.82	133.24	
27/07/2024 18:25	18.22	8.72	150	14.11	17.14	2.49	62.63	14.08	37.28	17.85	306.97	34.92	5.08	127.59	
27/07/2024 18:30	17.94	8.04	145.85	14.11	17.76	2.83	62.51	14.08	36.71	16.46	298.5	36.18	5.77	127.34	
27/07/2024 18:35	18.26	8.63	150.45	14.12	17.83	2.96	64.27	14.08	37.43	17.68	308.4	36.33	6.04	131.01	
27/07/2024 18:40	18.25	8.64	149.78	14.12	17.15	2.53	62.36	14.08	37.42	17.72	307.09	34.96	5.15	127.11	
27/07/2024 18:45	17.87	8.12	146.41	14.11	17.52	2.84	62.22	14.08	36.61	16.64	299.94	35.71	5.78	126.83	
27/07/2024 18:50	18.08	8.74	150.06	14.13	17.56	3.07	66.07	14.09	37.1	17.93	307.88	35.82	6.26	134.82	
27/07/2024 18:55	18.03	8.77	149.72	14.13	17.17	2.5	61.76	14.08	37.01	18	307.31	35.01	5		



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/07/2024 20:35	18.05	8.65	149.85	14.13	17.43	3.1	66.95	14.09	37.06	17.76	307.61	35.59	6.33	136.75	
27/07/2024 20:40	18.16	8.63	149.47	14.13	17.04	2.61	62.81	14.09	37.27	17.71	306.8	34.78	5.32	128.21	
27/07/2024 20:45	17.73	8.09	146.1	14.12	17.74	2.82	62.6	14.09	36.33	16.58	299.4	36.2	5.76	127.72	
27/07/2024 20:50	17.98	8.56	150.08	14.13	17.64	2.99	66.3	14.09	36.89	17.56	307.96	36.01	6.11	135.39	
27/07/2024 20:55	18.02	8.6	149.86	14.13	17.07	2.55	62.95	14.09	36.98	17.65	307.6	34.83	5.2	128.46	
27/07/2024 21:00	17.79	8.17	146.86	14.12	17.45	2.87	62.95	14.09	36.46	16.75	301.06	35.62	5.87	128.47	
27/07/2024 21:05	17.93	8.52	149.24	14.13	17.49	3.01	65.57	14.09	36.8	17.5	306.35	35.72	6.14	133.9	
27/07/2024 21:10	17.91	8.46	148.66	14.13	17.14	2.56	62.42	14.09	36.77	17.37	305.27	34.98	5.23	127.39	
27/07/2024 21:15	17.81	8.06	146.26	14.11	17.49	2.82	63.27	14.09	36.49	16.51	299.63	35.69	5.76	129.12	
27/07/2024 21:20	18.17	8.42	148.07	14.12	17.55	2.93	65.1	14.09	37.28	17.27	303.76	35.84	5.98	132.92	
27/07/2024 21:25	18.28	8.44	148.08	14.12	17.2	2.47	60.68	14.09	37.5	17.32	303.74	35.09	5.04	123.81	
27/07/2024 21:30	17.87	7.95	144.49	14.12	17.41	2.78	61.38	14.09	36.61	16.29	296.05	35.52	5.67	125.24	
27/07/2024 21:35	18.04	8.45	148.14	14.13	17.38	2.74	62.45	14.09	37.01	17.34	304.02	35.48	5.6	127.47	
27/07/2024 21:40	18.05	8.46	148.05	14.13	17.06	2.52	61.89	14.09	37.04	17.36	303.88	34.82	5.13	126.28	
27/07/2024 21:45	17.77	7.99	145.18	14.12	17.41	2.79	61.86	14.09	36.42	16.36	297.51	35.54	5.69	126.26	
27/07/2024 21:50	17.98	8.47	148.02	14.12	17.51	3.13	66.32	14.09	36.88	17.36	303.59	35.75	6.4	135.46	
27/07/2024 21:55	18.22	8.47	147.42	14.13	16.82	2.47	62.13	14.08	37.38	17.38	302.46	34.31	5.04	126.73	
27/07/2024 22:00	17.67	8.14	146.59	14.11	17.49	2.84	62.73	14.08	36.2	16.68	300.33	35.65	5.8	127.88	
27/07/2024 22:05	17.78	8.67	150.04	14.12	17.45	2.97	65.36	14.09	36.47	17.79	307.82	35.6	6.06	133.36	
27/07/2024 22:10	17.69	8.68	149.53	14.13	17	2.56	62.51	14.08	36.29	17.8	306.79	34.67	5.22	127.49	
27/07/2024 22:15	17.61	8.1	146.61	14.12	17.59	2.83	63.27	14.09	36.08	16.6	300.45	35.89	5.78	129.09	
27/07/2024 22:20	18.04	8.69	150.41	14.12	17.49	2.92	66.52	14.09	37	17.83	308.55	35.7	5.96	135.77	
27/07/2024 22:25	18.34	8.68	150.38	14.12	16.83	2.55	63.38	14.08	37.63	17.8	308.45	34.32	5.2	129.25	
27/07/2024 22:30	17.74	8.12	145.65	14.11	17.29	2.83	62.75	14.09	36.34	16.63	298.37	35.27	5.77	128.01	
27/07/2024 22:35	17.88	8.7	149.96	14.12	17.32	3	66.31	14.09	36.69	17.86	307.62	35.33	6.12	135.34	
27/07/2024 22:40	17.81	8.71	149.52	14.12	17.02	2.65	63.51	14.08	36.54	17.86	306.68	34.7	5.41	129.53	
27/07/2024 22:45	17.61	8.13	146.15	14.11	17.43	2.89	63.44	14.08	36.05	16.64	299.13	35.54	5.9	129.37	
27/07/2024 22:50	18.05	8.63	149.93	14.12	17.45	3.09	67.57	14.09	36.99	17.68	307.28	35.59	6.31	137.89	
27/07/2024 22:55	18.22	8.71	150.53	14.12	16.94	2.58	62.72	14.08	37.34	17.84	308.48	34.53	5.27	127.83	
27/07/2024 23:00	17.64	8.17	146.71	14.11	17.38	2.87	63.77	14.08	36.13	16.74	300.42	35.45	5.86	130.02	
27/07/2024 23:05	18.08	8.59	149.29	14.12	17.46	3.03	66.44	14.08	37.06	17.6	306.05	35.62	6.19	135.53	
27/07/2024 23:10	18.14	8.6	149.83	14.12	17.07	2.66	62.58	14.08	37.2	17.63	307.25	34.8	5.43	127.56	
27/07/2024 23:15	17.68	8.12	146.6	14.11	17.45	2.9	63.53	14.08	36.2	16.64	300.18	35.56	5.91	129.49	
27/07/2024 23:20	18	8.65	149.92	14.12	17.49	3.19	68.07	14.08	36.9	17.73	307.32	35.68	6.5	138.87	
27/07/2024 23:25	18.03	8.72	150.92	14.12	17.13	2.63	62.56	14.08	36.98	17.89	309.5	34.92	5.37	127.57	
27/07/2024 23:30	17.76	8.01	145.33	14.11	17.66	2.89	61.61	14.08	36.35	16.39	297.5	36	5.89	125.61	
27/07/2024 23:35	18.01	8.61	149.55	14.12	17.49	3.01	65.29	14.08	36.91	17.65	306.54	35.68	6.13	133.21	
27/07/2024 23:40	18.16	8.68	149.78	14.12	16.85	2.53	63.17	14.08	37.22	17.78	307.02	34.36	5.16	128.81	
27/07/2024 23:45	17.66	8.24	144.62	14.11	17.32	2.89	61.53	14.08	36.14	16.87	296.03	35.32	5.9	125.45	
27/07/2024 23:50	17.72	8.62	150.32	14.12	17.42	3.07	65.36	14.09	36.34	17.67	308.27	35.53	6.26	133.36	
27/07/2024 23:55	17.58	8.58	149.86	14.13	17.03	2.65	62.14	14.08	36.06	17.61	307.46	34.71	5.41	126.69	
28/07/2024 00:00	17.55	8.11	146.56	14.11	17.66	2.9	62.23	14.08	35.94	16.61	300.06	36	5.91	126.84	
28/07/2024 00:05	17.82	8.61	149.68	14.12	17.61	3.07	65.85	14.08	36.52	17.65	306.71	35.92	6.27	134.31	
28/07/2024 00:10	17.75	8.64	149.78	14.12	17.14	2.67	63.27	14.08	36.38	17.72	306.95	34.96	5.45	129	
28/07/2024 00:15	17.54	8.16	147.06	14.11	17.28	2.91	63.77	14.08	35.91	16.71	301.06	35.24	5.93	130.05	
28/07/2024 00:20	17.91	8.7	150.98	14.12	17.37	3.04	66.04	14.08	36.7	17.84	309.46	35.42	6.2	134.72	
28/07/2024 00:25	18.03	8.75	151.45	14.12	16.89	2.49	62.14	14.08	36.96	17.94	310.44	34.42	5.07	126.61	
28/07/2024 00:30	17.66	8.15	143.76	14.11	17.49	2.75	60.67	14.08	36.16	16.67	294.26	35.63	5.59	123.6	
28/07/2024 00:35	17.79	8.6	149.54	14.12	17.49	2.84	66.2	14.08	36.47	17.62	306.59	35.65	5.78	134.95	
28/07/2024 00:40	17.86	8.61	149.31	14.12	17.14	2.63	61.84	14.08	36.62	17.66	306.2	34.94	5.37	126.07	
28/07/2024 00:45	17.64	8.01	145.02	14.11	17.47	2.77	61.08	14.08	36.09	16.4	296.73	35.59	5.64	124.43	
28/07/2024 00:50	17.83	8.56	149.29	14.12	17.43	2.92	64.86	14.08	36.52	17.54	305.86	35.53	5.95	132.22	
28/07/2024 00:55	17.83	8.66	149.73	14.12	16.98	2.62	62.5	14.08	36.53	17.74	306.78	34.62	5.35	127.43	
28/07/2024 01:00	17.51	7.82	143.71	14.1	17.44	2.93	62.08	14.08	35.8	15.99	293.84	35.53	5.98	126.49	
28/07/2024 01:05	17.62	8.48	149.83	14.12	17.38	2.98	65.11	14.08	36.11	17.37	306.97	35.42	6.07	132.71	
28/07/2024 01:10	17.66	8.52	149.7	14.11	16.95	2.57	62.79	14.08	36.17	17.45	306.64	34.54	5.24	127.98	
28/07/2024 01:15	17.57	7.98	145.94	14.11	17.3	2.8	61.59	14.08	35.95	16.33	298.71	35.27	5.71	125.52	
28/07/2024 01:20	17.72	8.51	149.51	14.12	17.43	2.99	67.17	14.08	36.34	17.45	306.56	35.54	6.1	136.99	
28/07/2024 01:25	17.69	8.54	149.52	14.13	17.05	2.53	61.16	14.08	36.29	17.51	306.76	34.75	5.15	124.66	
28/07/2024 01:30	17.47	8.2	145.8	14.11	17.59	2.95	61.86	14.08	35.77	16.8	298.57	35.87	6.01	126.13	
28/07/2024 01:35	17.81	8.6	150.21	14.12	17.61	3.13	65.22	14.08	36.51	17.63	307.87	35.91	6.38	133.04	
28/07/2024 01:40	17.84	8.68	150.98	14.12	17.22	2.65	60.88	14.08	36.57	17.78	309.41	35.09	5.4	124.04	
28/07/2024 01:45	17.64	8.14	146.38	14.11	17.26	3.03	62.63	14.08	36.08	16.65	299.49	35.17	6.17	127.63	
28/07/2024 01:50	17.8	8.43	148.62	14.12	17.34	3.17	65.35	14.08	36.47	17.27	304.52	35.35	6.46	133.25	
28/07/2024 01:55	17.8	8.43	148.05	14.12	17.11	2.65	61.22	14.08	36.47	17.27	303.39	34.85	5.4	124.7	
28/07/2024 02:00	17.55	8.08	146.04	14.1	17.47	2.76	60.19	14.07	35.89	16.53	298.76	35.56	5.61	122.5	
28/07/2024 02:05	17.87	8.31	147.7	14.11	17.55	2.93	63.35	14.07	36.6	17.02	302.58	35.75	5.97	129.05	
28/07/2024 02:10	18.05	8.3	147.53	14.11	17.27	2.53	59.38	14.08	36.97	17	302.2	35.18	5.16	120.97	
28/07/2024 02:15	17.64	7.98	145.73	14.11	17.91	2.83	60.55	14.08	36.1	16.32	298.18	36.49	5.77	123.37	
28/07/2024 02:20	17.82	8.37	147.75	14.12	17.81	2.97	63.74	14.08	36.51	17.14	302.78	36.32	6.06	129.98	
28/07/2024 02:25	17.78	8.36	147.02	14.12	17.31	2.45	58.51	14.08	36.44	17.14	301.28	35.28	5	119.27	
28/07/2024 02:30	17.67	7.86	142.47	14.11	17.77	2.77	59.24	14.08	36.18	16.1					



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
28/07/2024 04:10	18.27	8.38	147.61	14.12	16.91	2.41	60.39	14.08	37.43	17.17	302.5	34.45	4.91	123	
28/07/2024 04:15	17.63	7.95	145.22	14.11	17.57	2.82	59.74	14.08	36.06	16.27	297.12	35.78	5.74	121.68	
28/07/2024 04:20	17.79	8.35	147.93	14.11	17.47	2.85	62.73	14.08	36.42	17.1	302.86	35.59	5.8	127.82	
28/07/2024 04:25	17.72	8.3	147.08	14.11	16.98	2.39	59.71	14.08	36.27	16.99	301.06	34.6	4.87	121.64	
28/07/2024 04:30	17.57	8.04	145.73	14.11	17.56	2.83	60.3	14.08	35.96	16.45	298.22	35.79	5.78	122.92	
28/07/2024 04:35	17.78	8.42	148.57	14.11	17.61	3.05	63.4	14.08	36.43	17.25	304.36	35.92	6.22	129.31	
28/07/2024 04:40	17.69	8.46	148.5	14.12	17.24	2.51	59.88	14.08	36.25	17.33	304.32	35.12	5.11	121.98	
28/07/2024 04:45	17.5	7.78	143.36	14.11	17.45	2.75	60.6	14.08	35.8	15.91	293.32	35.55	5.61	123.44	
28/07/2024 04:50	17.79	8.43	149.06	14.11	17.49	2.97	64.34	14.08	36.43	17.28	305.32	35.64	6.06	131.16	
28/07/2024 04:55	17.84	8.47	149.64	14.12	17.19	2.55	60.48	14.07	36.56	17.36	306.59	35	5.19	123.17	
28/07/2024 05:00	17.51	7.89	145.6	14.1	17.43	2.75	59.39	14.07	35.79	16.13	297.73	35.48	5.59	120.85	
28/07/2024 05:05	17.79	8.44	148.17	14.11	17.69	3.09	62.85	14.07	36.41	17.28	303.26	36.02	6.29	128.03	
28/07/2024 05:10	17.72	8.58	148.19	14.11	17.18	2.5	60.37	14.07	36.28	17.57	303.4	34.98	5.08	122.93	
28/07/2024 05:15	17.55	7.9	145.05	14.1	16.97	2.5	61.93	14.08	35.89	16.16	296.69	34.57	5.1	126.15	
28/07/2024 05:20	17.75	8.4	148.32	14.11	17.17	2.79	64.52	14.08	36.33	17.19	303.68	34.98	5.68	131.52	
28/07/2024 05:25	17.81	8.44	148.31	14.11	17.06	2.48	61.07	14.08	36.47	17.28	303.66	34.74	5.05	124.4	
28/07/2024 05:30	17.38	7.85	144.9	14.1	17.51	2.68	59.8	14.07	35.54	16.06	296.44	35.67	5.45	121.8	
28/07/2024 05:35	17.53	8.32	148.55	14.11	17.63	3	63.22	14.08	35.9	17.04	304.29	35.94	6.12	128.9	
28/07/2024 05:40	17.41	8.36	148.89	14.12	17.03	2.43	60.41	14.08	35.68	17.14	305.19	34.7	4.95	123.05	
28/07/2024 05:45	17.52	7.92	148.15	14.11	17.6	2.73	59.75	14.08	35.86	16.21	303.25	35.84	5.55	121.69	
28/07/2024 05:50	17.81	8.42	148.63	14.12	17.68	3.02	63.51	14.08	36.5	17.25	304.58	36.04	6.15	129.52	
28/07/2024 05:55	17.73	8.46	148.64	14.12	17.04	2.44	60.16	14.08	36.35	17.34	304.68	34.73	4.97	122.6	
28/07/2024 06:00	17.53	7.89	145.59	14.11	17.58	2.77	62.3	14.08	35.88	16.15	297.91	35.85	5.64	126.99	
28/07/2024 06:05	17.68	8.45	149.16	14.12	17.55	2.97	65.31	14.09	36.24	17.33	305.78	35.8	6.05	133.25	
28/07/2024 06:10	17.72	8.44	148.91	14.12	17.14	2.51	60.3	14.08	36.34	17.31	305.36	34.93	5.12	122.93	
28/07/2024 06:15	17.58	7.81	144.82	14.11	17.73	2.84	61.51	14.08	35.98	15.98	296.48	36.14	5.78	125.41	
28/07/2024 06:20	17.81	8.48	149.65	14.12	17.52	2.84	66.72	14.08	36.5	17.39	306.74	35.74	5.8	136.08	
28/07/2024 06:25	17.86	8.57	149.7	14.12	17.04	2.52	60.9	14.08	36.61	17.56	306.86	34.74	5.14	124.14	
28/07/2024 06:30	17.47	7.99	144.18	14.11	17.55	2.78	59.82	14.08	35.76	16.36	295.14	35.77	5.67	121.92	
28/07/2024 06:35	17.7	8.42	148.95	14.12	17.57	3	64.04	14.08	36.29	17.25	305.31	35.82	6.12	130.61	
28/07/2024 06:40	17.83	8.5	149.05	14.12	17.24	2.48	60.43	14.08	36.54	17.43	305.51	35.12	5.05	123.14	
28/07/2024 06:45	17.53	7.86	145.38	14.1	17.65	2.7	61.05	14.08	35.85	16.08	297.41	35.97	5.51	124.39	
28/07/2024 06:50	17.87	8.38	148.23	14.11	17.61	3.06	67.04	14.08	36.59	17.15	303.51	35.9	6.24	136.72	
28/07/2024 06:55	17.97	8.38	147.77	14.11	17.2	2.51	60.92	14.08	36.81	17.16	302.68	35.04	5.11	124.1	
28/07/2024 07:00	17.46	7.94	146.44	14.11	17.42	2.7	61.78	14.08	35.72	16.25	299.62	35.5	5.5	125.9	
28/07/2024 07:05	17.69	8.49	148.82	14.12	17.47	2.95	64.69	14.08	36.24	17.4	304.93	35.63	6.01	131.92	
28/07/2024 07:10	17.75	8.55	148.58	14.12	17.16	2.52	61.16	14.08	36.38	17.52	304.48	34.97	5.14	124.63	
28/07/2024 07:15	17.54	7.88	145.15	14.1	17.36	2.54	59.57	14.08	35.87	16.11	296.92	35.35	5.18	121.32	
28/07/2024 07:20	17.86	8.47	148.72	14.12	17.52	2.84	63.2	14.08	36.59	17.35	304.68	35.7	5.8	128.85	
28/07/2024 07:25	17.88	8.58	149.08	14.11	17.06	2.4	61.34	14.08	36.61	17.58	305.36	34.75	4.89	124.97	
28/07/2024 07:30	17.5	7.88	145.7	14.11	17.37	2.83	62.55	14.08	35.8	16.13	298.12	35.41	5.76	127.51	
28/07/2024 07:35	17.7	8.4	149.01	14.11	17.49	2.97	64.68	14.08	36.27	17.22	305.25	35.64	6.06	131.87	
28/07/2024 07:40	17.69	8.36	147.88	14.11	17.2	2.37	60.17	14.07	36.23	17.13	302.9	35.02	4.82	122.48	
28/07/2024 07:45	17.47	7.92	142.7	14.1	17.59	2.64	60.73	14.07	35.74	16.2	291.89	35.8	5.38	123.63	
28/07/2024 07:50	17.75	8.39	149.12	14.11	17.5	2.77	64.37	14.08	36.33	17.18	305.3	35.64	5.64	131.13	
28/07/2024 07:55	17.89	8.47	149.94	14.11	17.05	2.35	61.21	14.07	36.62	17.34	306.91	34.71	4.78	124.63	
28/07/2024 08:00	17.52	7.88	145.26	14.1	17.59	2.55	59.71	14.07	35.79	16.11	296.86	35.79	5.19	121.51	
28/07/2024 08:05	17.82	8.28	148.05	14.1	17.62	2.75	63.29	14.07	36.44	16.95	302.84	35.86	5.6	128.85	
28/07/2024 08:10	18.05	8.33	148.02	14.1	16.99	2.26	60.32	14.07	36.91	17.04	302.7	34.56	4.59	122.69	
28/07/2024 08:15	17.5	7.93	144.15	14.1	17.49	2.75	61.48	14.07	35.77	16.21	294.62	35.58	5.6	125.1	
28/07/2024 08:20	17.66	8.36	149.22	14.1	17.52	2.92	64.59	14.07	36.11	17.09	305.11	35.66	5.95	131.48	
28/07/2024 08:25	17.8	8.43	149.39	14.1	17.3	2.59	61.54	14.07	36.38	17.22	305.37	35.18	5.27	125.16	
28/07/2024 08:30	17.34	7.78	145.81	14.09	17.04	2.2	60.57	14.06	35.39	15.87	297.63	34.62	4.47	123.06	
28/07/2024 08:35	17.53	8.37	149.18	14.1	17.17	2.54	63.51	14.06	35.86	17.12	305.08	34.9	5.16	129.15	
28/07/2024 08:40	17.53	8.43	149.17	14.1	17.23	2.56	62.2	14.06	35.86	17.24	305.14	35.04	5.21	126.47	
28/07/2024 08:45	17.35	7.91	146.07	14.09	16.98	2.44	61.56	14.05	35.43	16.16	298.25	34.48	4.95	124.98	
28/07/2024 08:50	17.68	8.44	149.56	14.1	17.21	2.79	65.07	14.06	36.14	17.25	305.68	34.97	5.67	132.26	
28/07/2024 08:55	17.66	8.46	149.72	14.1	17.17	2.58	63.77	14.06	36.09	17.29	306.04	34.9	5.23	129.61	
28/07/2024 09:00	17.45	7.81	145.6	14.09	17.72	2.72	62.69	14.06	35.61	15.94	297.07	35.99	5.52	127.32	
28/07/2024 09:05	17.64	8.5	149.83	14.1	17.59	3.02	66.5	14.06	36.05	17.38	306.24	35.76	6.13	135.21	
28/07/2024 09:10	17.55	8.44	149.03	14.1	17.22	2.61	63.19	14.06	35.87	17.26	304.64	35	5.31	128.43	
28/07/2024 09:15	17.37	8	146.51	14.09	17.46	2.9	63.27	14.06	35.45	16.32	299.1	35.49	5.89	128.61	
28/07/2024 09:20	17.85	8.51	149.51	14.1	17.46	3.06	66.53	14.07	36.49	17.41	305.65	35.52	6.24	135.35	
28/07/2024 09:25	17.91	8.55	149.53	14.1	17.27	2.58	63.35	14.06	36.61	17.48	305.73	35.13	5.24	128.84	
28/07/2024 09:30	17.58	7.99	146.54	14.09	17.7	2.91	64.39	14.07	35.9	16.32	299.26	36	5.91	130.99	
28/07/2024 09:35	17.78	8.53	149.71	14.1	17.68	3.08	67.45	14.07	36.36	17.43	306.14	35.98	6.27	137.3	
28/07/2024 09:40	17.83	8.5	149.3	14.1	17.12	2.58	62.88	14.07	36.47	17.4	305.39	34.81	5.26	127.88	
28/07/2024 09:45	17.48	7.95	143.79	14.09	17.66	2.76	62.19	14.06	35.69	16.23	293.68	35.9	5.61	126.39	
28/07/2024 09:50	17.66	8.35	148.63	14.1	17.61	2.91	64.84	14.07	36.12	17.07	303.94	35.81	5.92	131.89	
28/07/2024 09:55	17.69	8.38	148.72	14.1	17.13	2.59	61.98	14.07	36.18	17.14	304.21	34.84	5.28	126.08	
28/07/2024 10:00	17.58	7.91	145.82	14.1	17.76	2.74	61.54	14.06	35.92	16.17	297.98	36.1	5.58	125.11	
28/07/2024 10:05	17.71	8.45	149.47	14.11	17.55	2.86	65.48	14.07	36.23	17.3	305.85	35.71	5.82		



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
28/07/2024 11:45	17.67	7.35	141.42	14.1	17.82	2.38	60.63	14.09	36.14	15.04	289.26	36.34	4.86	123.69	
28/07/2024 11:50	17.9	7.8	144.91	14.12	17.81	2.6	63.59	14.09	36.67	15.97	296.86	36.34	5.32	129.8	
28/07/2024 11:55	17.91	7.79	144.73	14.11	17.39	2.1	58.83	14.07	36.68	15.95	296.47	35.42	4.28	119.8	
28/07/2024 12:00	17.63	7.19	141.03	14.1	17.48	1.95	58.4	14.07	36.06	14.72	288.43	35.57	3.96	118.8	
28/07/2024 12:05	17.81	7.8	144.66	14.11	17.69	2.3	61.54	14.07	36.49	15.99	296.31	36.03	4.69	125.34	
28/07/2024 12:10	17.72	7.89	145.23	14.11	17.52	2.14	58.25	14.08	36.29	16.17	297.49	35.69	4.35	118.7	
28/07/2024 12:15	17.68	7.28	142.24	14.1	17.77	2.14	59.96	14.08	36.17	14.89	290.98	36.23	4.36	122.23	
28/07/2024 12:20	18.03	7.71	144.85	14.11	17.85	2.31	61.96	14.08	36.91	15.78	296.48	36.39	4.71	126.31	
28/07/2024 12:25	18.13	7.66	144.3	14.11	17.49	2.02	59.28	14.07	37.09	15.68	295.3	35.61	4.12	120.69	
28/07/2024 12:30	17.73	7.38	140.76	14.1	17.46	1.77	59.08	14.06	36.21	15.07	287.54	35.51	3.61	120.14	
28/07/2024 12:35	17.91	7.72	145.64	14.1	17.58	2.24	63.27	14.07	36.61	15.78	297.71	35.77	4.55	128.76	
28/07/2024 12:40	17.97	7.75	146.22	14.1	17.47	2	59.4	14.06	36.74	15.85	298.96	35.49	4.06	120.68	
28/07/2024 12:45	17.74	7.19	141.63	14.08	17.51	1.9	57.77	14.05	36.19	14.67	288.88	35.54	3.86	117.27	
28/07/2024 12:50	18.14	7.67	145.06	14.09	17.81	2.3	61.32	14.06	37.02	15.66	296.05	36.19	4.68	124.6	
28/07/2024 12:55	18.39	7.72	145.05	14.09	17.4	1.83	58.67	14.05	37.53	15.76	296.02	35.3	3.71	119.05	
28/07/2024 13:00	17.85	7.19	141.57	14.08	18.3	2.52	57.68	14.05	36.37	14.65	288.54	37.14	5.11	117.03	
28/07/2024 13:05	18.06	7.7	145.58	14.08	18.38	2.79	61.2	14.05	36.82	15.71	296.83	37.31	5.66	124.27	
28/07/2024 13:10	18.28	7.69	145.73	14.08	17.65	2.01	58.33	14.04	37.27	15.68	297.08	35.76	4.08	118.19	
28/07/2024 13:15	17.77	7.03	140.37	14.06	17.65	2.05	59.31	14.04	36.15	14.3	285.5	35.75	4.16	120.13	
28/07/2024 13:20	17.96	7.54	143.77	14.07	17.85	2.25	62.6	14.04	36.55	15.34	292.59	36.16	4.56	126.84	
28/07/2024 13:25	17.88	7.47	142.28	14.07	17.8	1.95	58.41	14.04	36.37	15.2	289.51	36.04	3.95	118.3	
28/07/2024 13:30	17.79	7.01	141.62	14.06	18.17	2.22	59.83	14.04	36.13	14.24	287.61	36.79	4.49	121.17	
28/07/2024 13:35	17.86	7.46	144.6	14.06	18.22	2.42	61.78	14.03	36.28	15.17	293.82	36.89	4.89	125.1	
28/07/2024 13:40	17.78	7.47	144.59	14.06	17.63	1.7	57.87	14.02	36.14	15.19	293.88	35.63	3.44	116.94	
28/07/2024 13:45	17.8	6.86	139.78	14.05	17.14	1.31	56.61	14.01	36.11	13.92	283.52	34.59	2.64	114.27	
28/07/2024 13:50	17.86	7.29	143.76	14.05	17.55	1.92	60.14	14.02	36.22	14.79	291.62	35.45	3.88	121.49	
28/07/2024 13:55	17.83	7.32	144.2	14.05	17.66	1.74	58.54	14.01	36.16	14.84	292.48	35.64	3.51	118.14	
28/07/2024 14:00	17.74	6.82	139.6	14.03	17.53	1.51	56.79	14	35.92	13.81	282.6	35.33	3.04	114.49	
28/07/2024 14:05	18	7.23	143.2	14.04	17.8	1.96	60.37	14.01	36.46	14.65	290.06	35.91	3.96	121.8	
28/07/2024 14:10	18.11	7.21	143.56	14.04	17.51	1.69	58.94	14.01	36.68	14.6	290.79	35.31	3.41	118.86	
28/07/2024 14:15	17.83	6.92	139.96	14.03	18.13	2.03	58.13	14	36.06	14.01	283.17	36.55	4.09	117.15	
28/07/2024 14:20	17.99	7.23	142.59	14.04	18.21	2.47	64.12	14.01	36.44	14.65	288.77	36.73	4.98	129.34	
28/07/2024 14:25	18	7.3	142.45	14.04	17.4	1.57	59.17	14	36.47	14.79	288.6	35.05	3.17	119.19	
28/07/2024 14:30	17.74	6.96	139.3	14.03	17.32	1.85	59.58	13.99	35.89	14.07	281.75	34.86	3.72	119.91	
28/07/2024 14:35	18.09	7.35	143.95	14.03	17.58	2.12	65.43	14	36.61	14.88	291.37	35.41	4.27	131.8	
28/07/2024 14:40	18.33	7.39	143.52	14.03	17.57	1.68	58.39	14	37.1	14.97	290.49	35.37	3.38	117.56	
28/07/2024 14:45	17.77	6.95	140.84	14.03	18.25	2.12	59.38	14	35.93	14.04	284.79	36.75	4.28	119.59	
28/07/2024 14:50	17.99	7.51	145.67	14.04	18.11	2.27	62.35	14	36.43	15.22	295.06	36.49	4.58	125.65	
28/07/2024 14:55	18.16	7.6	146.48	14.04	17.19	1.62	60.6	13.99	36.78	15.39	296.77	34.6	3.25	121.93	
28/07/2024 15:00	17.75	7.23	145.27	14.02	17.68	1.78	59.81	13.99	35.87	14.61	293.61	35.55	3.58	120.3	
28/07/2024 15:05	17.79	7.83	148.55	14.03	17.75	2.11	65.44	13.99	35.99	15.85	300.59	35.73	4.24	131.72	
28/07/2024 15:10	17.72	8	149.11	14.03	17.01	1.45	62.18	13.99	35.85	16.19	301.68	34.22	2.91	125.05	
28/07/2024 15:15	17.74	7.45	145.56	14.02	17.93	2.08	61.87	13.99	35.85	15.05	294.16	36.08	4.18	124.53	
28/07/2024 15:20	17.93	7.85	149.08	14.03	17.92	2.29	65.57	14	36.27	15.88	301.57	36.08	4.62	132.06	
28/07/2024 15:25	18.05	7.86	149.61	14.03	17.16	1.57	62.36	13.99	36.52	15.91	302.76	34.53	3.17	125.49	
28/07/2024 15:30	17.63	7.29	144.6	14.02	17.62	2.22	62.75	14	35.63	14.73	292.21	35.48	4.47	126.35	
28/07/2024 15:35	17.85	7.74	147.59	14.03	17.77	2.37	64.99	14	36.12	15.65	298.66	35.79	4.77	130.91	
28/07/2024 15:40	17.86	7.66	147.02	14.03	17.47	1.82	61.87	13.99	36.15	15.5	297.58	35.17	3.67	124.52	
28/07/2024 15:45	17.67	7.19	143.66	14.02	18.16	2.02	61.28	14	35.71	14.53	290.3	36.56	4.06	123.37	
28/07/2024 15:50	17.81	7.67	147.52	14.03	18.12	2.26	62.92	14	36.04	15.53	298.5	36.5	4.54	126.75	
28/07/2024 15:55	17.83	7.69	147.34	14.03	17.4	1.76	61.08	13.99	36.08	15.56	298.17	35.02	3.55	122.92	
28/07/2024 16:00	17.61	7.24	144.96	14.02	17.91	2.21	61.44	13.99	35.57	14.63	292.94	36.05	4.45	123.66	
28/07/2024 16:05	17.82	7.65	147.88	14.03	17.83	2.28	63.54	14	36.05	15.48	299.24	35.89	4.6	127.96	
28/07/2024 16:10	17.95	7.66	147.81	14.04	17.05	1.65	61.16	13.99	36.36	15.51	299.33	34.33	3.31	123.1	
28/07/2024 16:15	17.42	7.08	144.43	14.02	16.87	1.28	59.15	13.99	35.23	14.31	292.05	33.94	2.58	118.97	
28/07/2024 16:20	17.72	7.6	146.66	14.04	17.29	1.92	63.52	14	35.89	15.4	297.02	34.82	3.87	127.98	
28/07/2024 16:25	17.86	7.64	147.11	14.04	17.5	1.9	60.15	14	36.18	15.49	298.04	35.27	3.82	121.21	
28/07/2024 16:30	17.41	6.91	141.3	14.03	17.8	1.81	59.98	14	35.22	13.97	285.83	35.85	3.65	120.84	
28/07/2024 16:35	17.61	7.62	147.37	14.04	17.84	2.33	65.1	14.01	35.69	15.45	298.64	35.97	4.7	131.29	
28/07/2024 16:40	17.66	7.68	147.89	14.04	16.99	1.58	59.83	14	35.78	15.55	299.69	34.22	3.18	120.5	
28/07/2024 16:45	17.43	7.23	142.94	14.03	16.71	1.23	59.64	14	35.26	14.64	289.28	33.64	2.49	120.1	
28/07/2024 16:50	17.81	7.54	146.05	14.04	17.26	1.83	62.55	14	36.07	15.26	295.78	34.79	3.69	126.09	
28/07/2024 16:55	17.78	7.5	145.34	14.04	17.11	1.47	58.94	14	36.01	15.2	294.33	34.48	2.97	118.77	
28/07/2024 17:00	17.58	6.41	138.41	14	18.07	2.38	57.84	14.01	35.39	12.91	278.67	36.43	4.8	116.66	
28/07/2024 17:05	17.68	6.65	140.69	14	18.21	2.56	60.4	14.01	35.6	13.4	283.39	36.73	5.17	121.84	
28/07/2024 17:10	17.73	6.6	140.05	14	17.37	1.68	59.01	14.01	35.73	13.29	282.19	35.02	3.39	118.97	
28/07/2024 17:15	17.64	6.36	139.26	13.99	17.67	2.22	59.73	14.01	35.5	12.8	280.22	35.65	4.48	120.46	
28/07/2024 17:20	17.7	6.89	142.81	14	17.76	2.39	62.48	14.01	35.67	13.88	287.82	35.82	4.81	126.03	
28/07/2024 17:25	17.69	6.93	143.14	14.01	17.03	1.53	59.11	14.01	35.67	13.97	288.68	34.34	3.09	119.2	
28/07/2024 17:30	17.57	6.93	142.06	14.03	16.63	1.39	57.36	13.99	35.57	14.03	287.59	33.46	2.8	115.39	
28/07/2024 17:35	18.03	7.52	146.29	14.04	17.04	1.77	58.99	13.99	36.55	15.25	296.61	34.29	3.56	118.75	
28/07/2024 17:40	18.3	7.54	146.34	14.04	16.87	1.31	52.57	13.98	37.09	15.27	296.62	33.91	2.64	105.65	
28/07/2024 17:45															



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
28/07/2024 19:20	17.86	7.64	146.47	14.06	17.86	2.62	61.06	14.04	36.32	15.54	297.82	36.19	5.3	123.73	
28/07/2024 19:25	18.03	7.68	146.22	14.06	17.01	1.91	58	14.03	36.66	15.61	297.32	34.43	3.88	117.4	
28/07/2024 19:30	17.45	7.3	141.28	14.06	17.08	2.05	59.18	14.03	35.45	14.83	287.06	34.56	4.14	119.79	
28/07/2024 19:35	17.73	7.78	147	14.07	17.02	2.1	61.82	14.03	36.06	15.83	299.1	34.47	4.25	125.2	
28/07/2024 19:40	17.61	7.82	146.83	14.07	16.51	1.59	57.5	14.03	35.83	15.9	298.76	33.42	3.21	116.36	
28/07/2024 19:45	17.45	7.16	142.37	14.06	17.48	2.17	57.57	14.04	35.46	14.55	289.39	35.39	4.39	116.58	
28/07/2024 19:50	17.96	7.8	146.92	14.07	17.61	2.4	60.95	14.04	36.58	15.89	299.21	35.68	4.87	123.53	
28/07/2024 19:55	18.17	7.79	146.69	14.08	16.66	1.61	58.34	14.03	37.01	15.86	298.75	33.73	3.26	118.12	
28/07/2024 20:00	17.56	7.33	143.99	14.07	17.27	2.03	57.39	14.04	35.72	14.91	292.86	34.96	4.1	116.22	
28/07/2024 20:05	17.73	7.84	147.9	14.07	17.5	2.49	61.45	14.04	36.08	15.96	301.09	35.48	5.05	124.57	
28/07/2024 20:10	17.8	7.83	147.75	14.07	17.07	1.91	58.33	14.04	36.23	15.94	300.77	34.59	3.87	118.2	
28/07/2024 20:15	17.54	7.37	143.46	14.07	18.16	2.91	58.67	14.05	35.68	14.99	291.81	36.84	5.91	119.05	
28/07/2024 20:20	17.53	7.82	147.48	14.07	18.07	2.95	62.21	14.05	35.7	15.92	300.28	36.67	5.99	126.26	
28/07/2024 20:25	17.41	7.96	148.66	14.07	17.09	1.98	57.85	14.04	35.44	16.2	302.69	34.64	4.01	117.24	
28/07/2024 20:30	17.27	7.37	145.04	14.07	17.64	2.27	57.97	14.04	35.13	14.99	295.09	35.76	4.6	117.51	
28/07/2024 20:35	17.58	7.79	147.65	14.08	17.63	2.51	61.2	14.05	35.81	15.87	300.82	35.75	5.09	124.14	
28/07/2024 20:40	17.39	7.79	147.05	14.08	17.13	2.01	58.35	14.04	35.44	15.87	299.69	34.73	4.07	118.28	
28/07/2024 20:45	17.32	7.31	144.26	14.07	17.48	2.34	58.87	14.05	35.26	14.89	293.65	35.45	4.74	119.39	
28/07/2024 20:50	17.66	7.99	147.77	14.08	17.41	2.48	62.35	14.05	35.99	16.27	301.14	35.32	5.04	126.5	
28/07/2024 20:55	17.75	7.91	146.56	14.08	17.03	2.04	58.67	14.05	36.17	16.12	298.63	34.56	4.14	119.08	
28/07/2024 21:00	17.62	7.45	143.91	14.08	17.83	2.28	57.58	14.06	35.9	15.18	293.26	36.21	4.64	116.94	
28/07/2024 21:05	17.77	7.93	147.76	14.09	17.8	2.52	61.29	14.06	36.24	16.18	301.42	36.16	5.12	124.56	
28/07/2024 21:10	17.67	7.97	148.19	14.09	17.08	2.01	58.61	14.06	36.05	16.26	302.29	34.7	4.08	119.07	
28/07/2024 21:15	17.44	7.51	144.81	14.08	17.39	2.33	58.09	14.06	35.57	15.32	295.39	35.34	4.73	118.03	
28/07/2024 21:20	17.86	8.03	148.15	14.09	17.43	2.49	61.03	14.06	36.47	16.4	302.57	35.42	5.07	124.08	
28/07/2024 21:25	17.94	8.04	148.47	14.1	16.81	1.95	58.26	14.06	36.64	16.41	303.28	34.17	3.97	118.4	
28/07/2024 21:30	17.57	7.62	145.49	14.09	17.16	2.49	59.42	14.07	35.83	15.54	296.8	34.91	5.06	120.85	
28/07/2024 21:35	17.66	8.07	148.91	14.1	17.29	2.67	63.25	14.07	36.08	16.48	304.17	35.18	5.44	128.71	
28/07/2024 21:40	17.72	8.04	148.92	14.1	16.93	2.13	59.28	14.06	36.19	16.41	304.2	34.42	4.33	120.51	
28/07/2024 21:45	17.46	7.69	144.88	14.09	17.35	2.45	57.78	14.06	35.63	15.7	295.69	35.28	4.98	117.49	
28/07/2024 21:50	17.75	8.26	149.29	14.1	17.37	2.62	61.37	14.07	36.28	16.88	305.1	35.33	5.32	124.86	
28/07/2024 21:55	17.86	8.29	149.38	14.1	16.92	2.08	59.35	14.06	36.51	16.94	305.34	34.4	4.23	120.67	
28/07/2024 22:00	17.52	7.79	145.7	14.09	17.52	2.61	58.41	14.07	35.78	15.92	297.55	35.63	5.32	118.82	
28/07/2024 22:05	17.76	8.28	150	14.1	17.53	2.82	62.5	14.07	36.32	16.93	306.74	35.68	5.74	127.22	
28/07/2024 22:10	17.53	8.21	149.34	14.1	17.13	2.23	60.05	14.07	35.85	16.78	305.42	34.83	4.54	122.13	
28/07/2024 22:15	17.45	7.75	146.38	14.09	17.28	2.42	62	14.07	35.63	15.82	298.9	35.16	4.93	126.15	
28/07/2024 22:20	17.75	8.28	149.6	14.1	17.3	2.53	63.15	14.07	36.27	16.93	305.78	35.2	5.16	128.51	
28/07/2024 22:25	17.78	8.22	149.38	14.1	17.01	2.13	59.36	14.06	36.35	16.81	305.34	34.58	4.33	120.67	
28/07/2024 22:30	17.4	7.66	145.49	14.09	17.01	2.31	58.11	14.06	35.52	15.64	296.95	34.59	4.7	118.16	
28/07/2024 22:35	17.73	8.15	148.69	14.1	17.16	2.57	64.65	14.07	36.21	16.64	303.77	34.91	5.22	131.52	
28/07/2024 22:40	17.78	8.14	148.72	14.1	16.93	2.07	59.64	14.06	36.32	16.64	303.79	34.42	4.2	121.24	
28/07/2024 22:45	17.54	7.59	144.66	14.09	17.72	2.6	62.17	14.07	35.79	15.49	295.17	36.05	5.29	126.49	
28/07/2024 22:50	17.73	8.12	148.71	14.09	17.57	2.64	63.75	14.07	36.22	16.59	303.74	35.75	5.37	129.72	
28/07/2024 22:55	17.66	8.14	149.5	14.1	16.73	1.87	59.46	14.06	36.07	16.64	305.39	33.98	3.79	120.78	
28/07/2024 23:00	17.53	7.61	144.57	14.08	17.24	2.37	59.13	14.06	35.74	15.53	294.83	35.04	4.83	120.17	
28/07/2024 23:05	17.77	8.08	148.02	14.1	17.32	2.47	62.04	14.06	36.31	16.51	302.39	35.22	5.03	126.17	
28/07/2024 23:10	17.69	8.13	148.09	14.1	16.95	2.11	59.29	14.07	36.16	16.62	302.72	34.47	4.29	120.62	
28/07/2024 23:15	17.53	7.7	143.75	14.09	17.31	2.46	59.89	14.07	35.78	15.71	293.43	35.21	5.01	121.81	
28/07/2024 23:20	17.8	8.14	148.99	14.09	17.36	2.66	63.63	14.07	36.34	16.61	304.19	35.31	5.42	129.47	
28/07/2024 23:25	17.89	8.25	149.31	14.09	17.1	2.14	59.06	14.06	36.53	16.85	304.86	34.74	4.35	119.98	
28/07/2024 23:30	17.54	7.52	144.54	14.08	17.55	2.49	59.29	14.06	35.76	15.33	294.75	35.66	5.06	120.45	
28/07/2024 23:35	17.8	7.98	147.48	14.09	17.59	2.62	62.24	14.06	36.33	16.28	300.99	35.75	5.32	126.5	
28/07/2024 23:40	17.86	7.94	146.53	14.09	17.19	2.15	59.09	14.06	36.45	16.21	299.05	34.91	4.36	120.01	
28/07/2024 23:45	17.46	7.5	143.79	14.08	17.45	2.37	59.68	14.06	35.6	15.29	293.17	35.46	4.82	121.27	
28/07/2024 23:50	17.78	8.02	146.5	14.09	17.51	2.61	63.02	14.06	36.28	16.37	298.95	35.58	5.31	128.1	
28/07/2024 23:55	17.75	8.04	146.63	14.09	17.26	2.07	58.28	14.05	36.22	16.4	299.24	35.05	4.2	118.34	
29/07/2024 00:00	17.56	7.48	143.26	14.08	17.43	2.39	58.91	14.06	35.81	15.24	292.11	35.42	4.85	119.73	
29/07/2024 00:05	17.86	8.05	146.61	14.09	17.58	2.69	62.5	14.06	36.47	16.44	299.36	35.74	5.48	127.1	
29/07/2024 00:10	17.83	8.05	146.91	14.09	17.08	2.05	58.78	14.06	36.41	16.44	300.02	34.7	4.17	119.38	
29/07/2024 00:15	17.64	7.46	141.34	14.09	18.14	2.78	58.28	14.06	36	15.23	288.43	36.88	5.65	118.51	
29/07/2024 00:20	17.72	8.01	146.68	14.09	17.97	2.97	63.77	14.07	36.18	16.35	299.47	36.55	6.04	129.72	
29/07/2024 00:25	17.77	7.93	146.17	14.09	17.17	2.18	58.58	14.06	36.27	16.18	298.45	34.89	4.42	118.99	
29/07/2024 00:30	17.59	7.59	144.17	14.08	17.62	2.29	58.89	14.06	35.87	15.47	293.97	35.79	4.65	119.63	
29/07/2024 00:35	17.96	7.89	146.1	14.09	17.54	2.51	63.14	14.06	36.65	16.11	298.08	35.64	5.11	128.35	
29/07/2024 00:40	18	7.83	145.16	14.09	16.99	2.06	57.26	14.06	36.74	15.98	296.24	34.5	4.18	116.29	
29/07/2024 00:45	17.72	7.54	143.18	14.08	18.3	3.1	58.28	14.07	36.13	15.38	292	37.21	6.3	118.53	
29/07/2024 00:50	17.77	8.12	147.82	14.09	18.02	2.99	63.61	14.06	36.27	16.57	301.73	36.65	6.09	129.4	
29/07/2024 00:55	17.75	8.18	147.88	14.09	17.06	2.07	57.62	14.05	36.24	16.69	301.93	34.65	4.2	116.99	
29/07/2024 01:00	17.48	7.61	144.14	14.08	17.37	2.52	60.12	14.06	35.63	15.52	293.85	35.29	5.12	122.13	
29/07/2024 01:05	17.67	8.03	147.07	14.09	17.43	2.69	63.25	14.06	36.06	16.38	300.17	35.43	5.47	128.58	
29/07/2024 01:10	17.52	8.08	146.59	14.09	17.06	2.2	58.85	14.06	35.76	16.5	299.31	34.66	4.47	119.52	
29/07/2024 01:15	17.52	7.47	142.76	14.08	17.25	2.21	57.71	14.05	35.71	15.23					



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
29/07/2024 02:55	18.16	8.25	148.44	14.09	17.05	2.27	58.79	14.06	37.07	16.85	303.08	34.67	4.61	119.51	
29/07/2024 03:00	17.69	7.66	144.01	14.09	17.68	2.71	59.04	14.06	36.08	15.64	293.77	35.94	5.51	120.03	
29/07/2024 03:05	17.84	8.05	146.42	14.1	17.6	2.68	63.32	14.06	36.44	16.45	299.14	35.78	5.45	128.75	
29/07/2024 03:10	17.97	8.07	146.38	14.1	17.06	2.21	58.07	14.06	36.71	16.48	299.07	34.66	4.48	117.97	
29/07/2024 03:15	17.52	7.55	143.39	14.08	17.77	2.49	58.7	14.06	35.72	15.39	292.34	36.12	5.07	119.3	
29/07/2024 03:20	17.81	8.14	147.39	14.09	17.77	2.71	61.86	14.06	36.35	16.61	300.89	36.12	5.51	125.77	
29/07/2024 03:25	18.06	8.18	147.92	14.09	16.99	2.11	58.3	14.06	36.86	16.69	301.88	34.51	4.28	118.39	
29/07/2024 03:30	17.6	7.45	143.17	14.08	17.32	2.13	58.01	14.05	35.88	15.18	291.89	35.17	4.32	117.77	
29/07/2024 03:35	17.81	8.03	145.94	14.09	17.32	2.41	62.9	14.06	36.37	16.39	298	35.19	4.91	127.82	
29/07/2024 03:40	17.89	8	145.92	14.09	16.94	2.03	58.51	14.06	36.53	16.34	297.94	34.41	4.12	118.83	
29/07/2024 03:45	17.67	7.52	141.9	14.08	17.46	2.52	57.93	14.05	36.02	15.34	289.34	35.46	5.12	117.65	
29/07/2024 03:50	17.88	8.08	145.52	14.09	17.6	2.72	63.07	14.06	36.51	16.49	297.07	35.74	5.53	128.14	
29/07/2024 03:55	18.05	8.21	146.58	14.09	17.09	2.12	58.43	14.06	36.82	16.75	299.07	34.72	4.3	118.67	
29/07/2024 04:00	17.65	7.76	143.7	14.08	18.13	3.05	59.85	14.07	35.99	15.82	293.06	36.87	6.2	121.72	
29/07/2024 04:05	17.85	8.16	146.42	14.09	18.04	3.25	65.49	14.07	36.45	16.67	298.96	36.7	6.62	133.29	
29/07/2024 04:10	17.94	8.08	145.56	14.09	17.19	2.24	57.82	14.06	36.62	16.5	297.14	34.93	4.56	117.51	
29/07/2024 04:15	17.65	7.45	142.15	14.09	17.59	2.52	57.38	14.06	35.99	15.19	289.97	35.75	5.13	116.63	
29/07/2024 04:20	17.65	8.11	146.38	14.09	17.6	2.66	62.26	14.06	36.05	16.56	298.93	35.78	5.42	126.59	
29/07/2024 04:25	17.55	8.08	146.8	14.09	17.12	2.21	58.49	14.06	35.83	16.51	299.79	34.79	4.49	118.81	
29/07/2024 04:30	17.54	7.68	143.18	14.08	17.49	2.55	59.38	14.06	35.77	15.67	291.98	35.56	5.17	120.74	
29/07/2024 04:35	17.78	8.14	146.68	14.09	17.63	2.78	62.19	14.06	36.28	16.61	299.37	35.85	5.66	126.49	
29/07/2024 04:40	17.72	8.18	147.17	14.09	17.06	2.2	58.67	14.06	36.16	16.69	300.35	34.66	4.46	119.21	
29/07/2024 04:45	17.55	7.62	142.17	14.08	17.87	3.1	59.36	14.07	35.79	15.55	289.95	36.33	6.3	120.72	
29/07/2024 04:50	17.77	8.11	146.34	14.09	17.64	2.98	62	14.06	36.26	16.56	298.65	35.88	6.07	126.08	
29/07/2024 04:55	17.69	8.18	146.44	14.09	16.96	2.21	59.1	14.06	36.09	16.68	298.79	34.46	4.48	120.07	
29/07/2024 05:00	17.55	7.7	143.24	14.08	17.79	2.7	58.98	14.06	35.79	15.7	292.04	36.16	5.48	119.92	
29/07/2024 05:05	17.86	8.12	146.52	14.09	17.55	2.63	61.89	14.06	36.45	16.56	299.04	35.69	5.35	125.85	
29/07/2024 05:10	17.88	8.11	146.56	14.09	16.86	2.08	58.16	14.06	36.48	16.56	299.11	34.25	4.23	118.16	
29/07/2024 05:15	17.49	7.74	141.46	14.08	17.38	2.73	59.14	14.07	35.67	15.78	288.47	35.34	5.56	120.29	
29/07/2024 05:20	17.62	8.01	145.44	14.09	17.35	2.86	63.58	14.07	35.98	16.36	296.94	35.28	5.83	129.36	
29/07/2024 05:25	17.61	7.96	144.8	14.09	16.97	2.22	58.38	14.06	35.96	16.25	295.71	34.47	4.51	118.6	
29/07/2024 05:30	17.45	7.62	142.85	14.08	17.73	2.65	58.46	14.06	35.58	15.54	291.25	36.02	5.39	118.75	
29/07/2024 05:35	17.78	8.01	146.01	14.09	17.71	2.79	61.96	14.06	36.27	16.35	297.91	35.98	5.67	125.92	
29/07/2024 05:40	17.72	8	146	14.09	16.96	2.22	58.7	14.06	36.15	16.33	297.89	34.45	4.5	119.24	
29/07/2024 05:45	17.46	7.65	142.8	14.08	17.17	2.5	58.3	14.05	35.59	15.59	291.1	34.87	5.09	118.38	
29/07/2024 05:50	17.72	8.08	146.1	14.09	17.28	2.65	61.31	14.06	36.17	16.5	298.25	35.11	5.38	124.58	
29/07/2024 05:55	17.66	8.04	145.58	14.09	16.92	2.23	58.77	14.06	36.04	16.4	297.17	34.37	4.53	119.4	
29/07/2024 06:00	17.44	7.55	142.3	14.08	17.5	2.49	58.25	14.05	35.55	15.39	290.12	35.54	5.05	118.28	
29/07/2024 06:05	17.71	8.07	147.09	14.09	17.36	2.52	64.02	14.06	36.15	16.46	300.21	35.26	5.12	130.04	
29/07/2024 06:10	17.52	8.14	148.45	14.09	16.97	2.19	58.28	14.05	35.75	16.63	303.04	34.45	4.45	118.33	
29/07/2024 06:15	17.48	7.57	142.54	14.08	17.5	2.39	57.34	14.06	35.63	15.44	290.54	35.55	4.85	116.44	
29/07/2024 06:20	17.8	8.01	145.43	14.09	17.5	2.58	60.36	14.06	36.32	16.33	296.71	35.55	5.24	122.62	
29/07/2024 06:25	17.98	8.07	145.73	14.09	17.01	2.14	57.91	14.05	36.69	16.46	297.35	34.53	4.36	117.59	
29/07/2024 06:30	17.6	7.55	143	14.08	17.25	2.5	57.75	14.05	35.85	15.37	291.3	35.01	5.07	117.18	
29/07/2024 06:35	17.61	8.02	146.39	14.08	17.3	2.78	62.01	14.05	35.91	16.35	298.49	35.12	5.65	125.93	
29/07/2024 06:40	17.63	8.04	146.78	14.09	17.09	2.19	57.45	14.05	35.95	16.39	299.42	34.68	4.44	116.56	
29/07/2024 06:45	17.5	7.37	142.28	14.08	17.72	2.45	55.71	14.05	35.64	15.02	289.82	35.95	4.97	113.05	
29/07/2024 06:50	17.6	7.95	145.94	14.09	17.61	2.72	61.22	14.05	35.9	16.22	297.69	35.76	5.53	124.36	
29/07/2024 06:55	17.63	7.99	146.28	14.09	17.05	2.18	57.98	14.05	35.97	16.3	298.54	34.61	4.42	117.71	
29/07/2024 07:00	17.35	7.37	141.72	14.08	17.39	2.4	57.03	14.05	35.36	15.03	288.86	35.3	4.87	115.76	
29/07/2024 07:05	17.63	7.82	144.21	14.09	17.53	2.72	60.21	14.05	35.97	15.95	294.18	35.6	5.52	122.29	
29/07/2024 07:10	17.64	7.86	143.98	14.09	17.11	2.1	57.29	14.05	35.99	16.04	293.71	34.72	4.26	116.21	
29/07/2024 07:15	17.42	7.56	141.05	14.07	17.55	2.43	57.51	14.05	35.48	15.4	287.25	35.59	4.92	116.66	
29/07/2024 07:20	17.63	8.11	146.18	14.08	17.57	2.68	61.12	14.05	35.95	16.54	298.01	35.65	5.45	124.03	
29/07/2024 07:25	17.69	8.21	146.16	14.08	17.09	2.19	57.76	14.05	36.06	16.73	298.01	34.66	4.44	117.13	
29/07/2024 07:30	17.39	7.48	141.92	14.07	18.06	2.59	56.96	14.05	35.4	15.24	289.02	36.63	5.25	115.55	
29/07/2024 07:35	17.82	7.9	144.8	14.08	17.97	2.62	59.28	14.05	36.33	16.11	295.1	36.45	5.32	120.27	
29/07/2024 07:40	17.94	7.91	144.64	14.08	17.05	2.05	56.82	14.05	36.57	16.12	294.85	34.59	4.16	115.24	
29/07/2024 07:45	17.5	7.4	141.08	14.07	17.66	2.45	57.67	14.04	35.61	15.06	287.1	35.8	4.96	116.92	
29/07/2024 07:50	17.81	7.88	144.37	14.08	17.61	2.56	60.33	14.04	36.28	16.06	294.04	35.7	5.18	122.34	
29/07/2024 07:55	18	7.91	144.14	14.08	17.16	2.03	56.19	14.04	36.66	16.11	293.56	34.76	4.11	113.82	
29/07/2024 08:00	17.6	7.35	141.03	14.07	17.68	2.29	56.43	14.04	35.79	14.96	286.84	35.82	4.65	114.32	
29/07/2024 08:05	17.71	7.75	144.12	14.08	17.67	2.5	60.44	14.04	36.07	15.79	293.52	35.82	5.07	122.55	
29/07/2024 08:10	17.63	7.69	143.2	14.08	17.12	1.96	55.96	14.04	35.9	15.66	291.65	34.66	3.97	113.34	
29/07/2024 08:15	17.52	7.25	140.3	14.06	17.5	2.33	57.13	14.04	35.61	14.75	285.26	35.44	4.72	115.7	
29/07/2024 08:20	17.69	7.93	144.9	14.07	17.63	2.6	60.24	14.04	36	16.14	294.84	35.71	5.27	122.05	
29/07/2024 08:25	17.72	8.02	144.92	14.07	17.11	1.83	55.37	14.03	36.06	16.32	294.95	34.6	3.71	111.99	
29/07/2024 08:30	17.55	7.12	137.96	14.06	17.84	2.38	54.78	14.04	35.65	14.45	280.23	36.13	4.83	110.92	
29/07/2024 08:35	17.76	7.58	143.17	14.06	17.74	2.44	59.94	14.03	36.09	15.41	290.99	35.91	4.94	121.36	
29/07/2024 08:40	17.67	7.69	144.3	14.06	17.31	2.05	56.25	14.03	35.93	15.64	293.34	35.01	4.14	113.76	
29/07/2024 08:45	17.46	7.37	139.81	14.05	16.97	1.77	55.11	14.02	35.43	14.95	283.8	34.29	3.58	111.37	
29/07/2024 08:50	17.73	7.67	143.62	14.06	17.28	2.19	58.62	14.03	36.04	15.58	291.88	34.9			



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
29/07/2024 10:30	17.52	6.94	139.57	14	17.38	1.56	55.9	13.97	35.3	13.99	281.19	34.86	3.13	112.12	
29/07/2024 10:35	17.86	7.4	142.83	14	17.54	1.91	59.25	13.97	36	14.92	287.92	35.19	3.83	118.9	
29/07/2024 10:40	17.75	7.36	142.81	14	17.17	1.47	56.37	13.97	35.78	14.84	287.89	34.44	2.95	113.05	
29/07/2024 10:45	17.63	6.99	140.16	13.99	17.82	2.05	56.95	13.97	35.49	14.08	282.12	35.76	4.11	114.29	
29/07/2024 10:50	17.81	7.46	143.64	14	17.9	2.12	61.62	13.97	35.87	15.02	289.38	35.93	4.26	123.67	
29/07/2024 10:55	17.8	7.47	143.64	14	17.25	1.62	56.76	13.97	35.85	15.05	289.36	34.6	3.24	113.83	
29/07/2024 11:00	17.72	6.86	138.94	13.99	17.47	1.95	56.75	13.97	35.64	13.8	279.39	35.04	3.92	113.85	
29/07/2024 11:05	17.85	7.27	142.91	13.99	17.7	2.29	60.12	13.97	35.93	14.62	287.55	35.51	4.59	120.62	
29/07/2024 11:10	17.75	7.3	143	13.99	17.33	1.48	56	13.95	35.72	14.69	287.81	34.67	2.96	112.06	
29/07/2024 11:15	17.95	6.92	140.02	13.98	17.95	2.18	55.6	13.95	36.05	13.89	281.23	35.92	4.36	111.28	
29/07/2024 11:20	17.88	7.33	142.45	13.96	18.04	2.43	58.16	13.94	35.83	14.68	285.42	36.04	4.85	116.16	
29/07/2024 11:25	17.72	7.44	142.47	13.95	17.53	1.81	56.14	13.83	35.45	14.89	285	34.44	3.55	110.33	
29/07/2024 11:30	18.28	7.47	138.78	13.77	18.49	2.38	56.65	13.76	35.65	14.57	270.67	35.98	4.64	110.26	
29/07/2024 11:35	18.22	7.73	142.07	13.67	18.38	2.52	59.65	13.71	35.01	14.86	273.02	35.54	4.87	115.29	
29/07/2024 11:40	17.89	7.61	142.81	13.65	17.51	1.83	55.76	13.58	34.29	14.59	273.75	33.23	3.47	105.82	
29/07/2024 11:45	18.28	7.62	138.77	13.56	17.81	2.25	56.08	13.55	34.63	14.43	262.9	33.67	4.25	106	
29/07/2024 11:50	18.16	7.68	142	13.52	17.79	2.48	61.74	13.53	34.21	14.47	267.43	33.52	4.68	116.34	
29/07/2024 11:55	17.72	7.28	142.42	13.51	17.57	2.06	56.19	13.48	33.34	13.71	267.97	32.9	3.85	105.2	
29/07/2024 12:00	18.14	7.6	139.12	13.49	18.14	2.6	56.72	13.47	34.02	14.26	260.97	33.93	4.87	106.08	
29/07/2024 12:05	17.29	7.03	141.51	13.48	18.11	2.77	59.78	13.47	32.4	13.18	265.17	33.87	5.18	111.83	
29/07/2024 12:10	17.41	7	141.22	13.48	18.16	2.66	56.37	13.46	32.62	13.12	264.65	33.93	4.97	105.3	
29/07/2024 12:15	17.8	7.18	138.59	13.47	18.44	3.11	56.7	13.45	33.29	13.43	259.2	34.41	5.8	105.84	
29/07/2024 12:20	17.24	7.16	142.28	13.48	18.32	3.19	60.11	13.46	32.27	13.41	266.41	34.21	5.95	112.29	
29/07/2024 12:25	17.39	7.36	142.38	13.48	18.28	3.01	57.25	13.45	32.58	13.8	266.76	34.12	5.62	106.87	
29/07/2024 12:30	17.26	7	139.88	13.46	18.16	2.5	57.16	13.44	32.25	13.08	261.48	33.83	4.66	106.48	
29/07/2024 12:35	17.78	7.78	142.65	13.48	18.28	2.89	60.29	13.44	33.3	14.57	267.09	34.07	5.39	112.42	
29/07/2024 12:40	17.95	7.89	142.55	13.48	17.61	2.27	57.8	13.44	33.62	14.78	266.91	32.81	4.23	107.72	
29/07/2024 12:45	17.55	7.45	139.44	13.46	16.83	1.75	57.42	13.43	32.8	13.92	260.64	31.33	3.25	106.92	
29/07/2024 12:50	17.71	7.66	143.19	13.47	17.09	2.12	60.5	13.44	33.11	14.33	267.81	31.83	3.95	112.71	
29/07/2024 12:55	17.36	7.35	143.78	13.46	17.48	2.23	57.4	13.44	32.45	13.73	268.77	32.59	4.15	107.01	
29/07/2024 13:00	17.9	7.31	137.55	13.46	18.01	2.69	55.28	13.44	33.44	13.65	257.03	33.57	5	103.04	
29/07/2024 13:05	17.42	7.37	141.45	13.48	18.2	3.01	58.25	13.45	32.61	13.79	264.8	33.95	5.62	108.67	
29/07/2024 13:10	17.33	7.46	141.33	13.48	18.2	2.79	57.36	13.45	32.47	13.97	264.85	33.96	5.2	107	
29/07/2024 13:15	17.3	7.05	139.26	13.46	17.19	1.74	56.2	13.43	32.33	13.18	260.25	31.99	3.24	104.55	
29/07/2024 13:20	17.96	8.05	142.67	13.47	17.7	2.47	60.48	13.44	33.61	15.07	266.95	32.96	4.59	112.67	
29/07/2024 13:25	18.31	8.14	142.08	13.47	17.57	2.11	55.78	13.44	34.27	15.24	265.87	32.72	3.93	103.87	
29/07/2024 13:30	18.35	7.99	138.81	13.46	17.42	2.18	55.84	13.44	34.3	14.93	259.47	32.45	4.06	103.99	
29/07/2024 13:35	17.99	7.9	142.71	13.46	17.48	2.43	59.95	13.44	33.64	14.76	266.78	32.56	4.53	111.69	
29/07/2024 13:40	17.41	7.49	142.77	13.46	17.47	2.18	57.02	13.44	32.52	13.99	266.76	32.54	4.05	106.19	
29/07/2024 13:45	17.9	7.72	137.77	13.46	17.93	2.59	55.78	13.43	33.43	14.42	257.27	33.37	4.82	103.83	
29/07/2024 13:50	17.26	7.3	142.5	13.46	17.87	2.94	60.03	13.44	32.24	13.63	266.2	33.29	5.48	111.83	
29/07/2024 13:55	17.16	7.33	142.63	13.46	18.44	2.91	55.94	13.44	32.06	13.7	266.5	34.35	5.43	104.19	
29/07/2024 14:00	17.6	7.33	138.11	13.45	18.56	3.21	56.16	13.43	32.83	13.68	257.59	34.53	5.97	104.5	
29/07/2024 14:05	17.55	7.5	142.55	13.46	18.43	3.27	59.56	13.43	32.77	14.01	266.18	34.31	6.1	110.9	
29/07/2024 14:10	17.8	7.63	142.86	13.46	18.25	2.87	56.97	13.43	33.24	14.25	266.82	33.97	5.34	106.07	
29/07/2024 14:15	17.44	7.1	139.4	13.45	17.3	1.88	56.56	13.42	32.54	13.26	260.17	32.17	3.5	105.17	
29/07/2024 14:20	18	8	143.28	13.46	17.68	2.46	59.44	13.43	33.65	14.95	267.84	32.9	4.58	110.63	
29/07/2024 14:25	18.22	8.07	143.22	13.46	17.58	2.15	56.85	13.43	34.06	15.08	267.72	32.71	4	105.77	
29/07/2024 14:30	18.15	8.03	140.26	13.46	17.2	2.03	55.31	13.43	33.91	15.01	262.05	31.98	3.78	102.86	
29/07/2024 14:35	17.46	7.51	142.73	13.46	17.35	2.32	58.34	13.43	32.61	14.02	266.5	32.28	4.32	108.53	
29/07/2024 14:40	17	7.11	142.56	13.45	17.66	2.28	56.28	13.43	31.72	13.27	265.99	32.85	4.24	104.68	
29/07/2024 14:45	17.64	7.36	139.71	13.45	17.92	2.63	55.39	13.42	32.89	13.73	260.56	33.32	4.89	103	
29/07/2024 14:50	17.33	7.51	143.09	13.46	17.99	2.86	60.48	13.43	32.39	14.03	267.49	33.49	5.33	112.61	
29/07/2024 14:55	17.48	7.64	143.38	13.47	17.94	2.52	56.4	13.44	32.71	14.3	268.24	33.42	4.7	105.05	
29/07/2024 15:00	17.7	7.49	138.82	13.46	17.16	1.62	57.06	13.43	33.08	14	259.48	31.92	3.01	106.1	
29/07/2024 15:05	17.86	8	143.01	13.47	17.51	1.98	59.95	13.43	33.42	14.96	267.55	32.59	3.69	111.63	
29/07/2024 15:10	17.92	8	142.73	13.47	17.27	1.9	56.13	13.44	33.53	14.97	267.04	32.17	3.55	104.56	
29/07/2024 15:15	18.1	7.98	139.85	13.47	17.29	2.23	55.96	13.45	33.87	14.94	261.73	32.25	4.15	104.36	
29/07/2024 15:20	17.34	7.06	141.5	13.47	17.5	2.6	60.46	13.45	32.45	13.21	264.84	32.66	4.86	112.86	
29/07/2024 15:25	17.36	6.94	140.8	13.48	17.85	2.28	53.34	13.45	32.5	12.99	263.58	33.31	4.26	99.55	
29/07/2024 15:30	17.65	6.89	134.4	13.46	18.07	2.5	52.56	13.44	32.98	12.88	251.22	33.68	4.65	97.97	
29/07/2024 15:35	17.49	7.3	140.64	13.47	18.17	2.89	56.82	13.45	32.72	13.67	263.13	33.9	5.4	105.99	
29/07/2024 15:40	17.64	7.35	140.28	13.47	18.05	2.48	54.09	13.44	33.01	13.75	262.5	33.62	4.62	100.72	
29/07/2024 15:45	17.51	7.14	138.41	13.46	16.49	1.35	54.92	13.42	32.71	13.34	258.57	30.66	2.51	102.09	
29/07/2024 15:50	17.79	7.63	141.64	13.46	16.92	1.93	58.29	13.43	33.26	14.26	264.71	31.49	3.6	108.49	
29/07/2024 15:55	17.39	7.39	141.67	13.46	17.43	2.02	54.11	13.44	32.49	13.82	264.72	32.49	3.77	100.84	
29/07/2024 16:00	18.09	7.48	137.55	13.47	17.13	2.1	54.64	13.45	33.83	14	257.21	31.95	3.92	101.9	
29/07/2024 16:05	17.33	7.06	141.03	13.48	17.42	2.53	58.26	13.45	32.44	13.21	264.05	32.52	4.72	108.78	
29/07/2024 16:10	17.2	7.11	140.52	13.48	17.91	2.43	54.15	13.46	32.23	13.33	263.27	33.44	4.53	101.1	
29/07/2024 16:15	17.59	6.98	137.42	13.47	17.55	1.96	53.33	13.44	32.91	13.06	257.07	32.7	3.65	99.37	
29/07/2024 16:20	17.73	7.59	141.56	13.48	17.9	2.57	57.09	13.45	33.22	14.23	265.32	33.38	4.79	106.51	
29/07/2024 16:25	17.83	7.74	141.39	13.48	17.41	1.85	53.89	13.44	33.42	14.5	265.03	32.45	3.45	100.47	
29/07/2															



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
29/07/2024 18:05	17.58	7.86	144.47	13.59	17.77	2.38	56.52	13.53	33.42	14.95	274.62	33.51	4.49	106.7	
29/07/2024 18:10	17.63	7.86	144.69	13.59	17.16	2.28	55.17	13.56	33.52	14.95	275.15	32.48	4.33	104.44	
29/07/2024 18:15	17.57	7.7	141.91	13.59	17.38	2.45	55.39	13.56	33.39	14.64	269.7	32.9	4.63	104.86	
29/07/2024 18:20	17.36	8.02	144.83	13.6	17.55	3.01	59.6	13.57	33.07	15.28	275.89	33.28	5.71	113.03	
29/07/2024 18:25	17.36	8.16	145.14	13.61	16.92	2.22	55.52	13.57	33.08	15.55	276.6	32.1	4.22	105.31	
29/07/2024 18:30	17.48	7.85	141.77	13.6	17.25	2.58	56.46	13.57	33.29	14.95	270.04	32.74	4.9	107.12	
29/07/2024 18:35	17.38	8.03	145.69	13.61	17.51	2.97	60.33	13.58	33.13	15.3	277.71	33.25	5.65	114.57	
29/07/2024 18:40	17.55	8.02	145.52	13.61	16.96	2.39	56.41	13.58	33.45	15.29	277.43	32.2	4.53	107.08	
29/07/2024 18:45	17.53	7.92	143.11	13.6	17.09	2.53	57.15	13.58	33.4	15.09	272.65	32.45	4.8	108.53	
29/07/2024 18:50	17.48	8.14	145.74	13.61	17.28	2.86	59.88	13.59	33.35	15.53	278.02	32.84	5.43	113.82	
29/07/2024 18:55	17.44	8.08	145.81	13.61	16.83	2.27	55.81	13.58	33.27	15.42	278.18	31.97	4.31	106.02	
29/07/2024 19:00	17.46	7.82	141.98	13.61	17.27	2.57	54.02	13.58	33.28	14.91	270.69	32.8	4.89	102.61	
29/07/2024 19:05	17.61	8.13	146.14	13.61	17.46	2.89	60.46	13.59	33.6	15.51	278.82	33.18	5.5	114.93	
29/07/2024 19:10	18.03	8.22	146.56	13.61	16.78	2.27	56.86	13.58	34.4	15.69	279.61	31.88	4.32	108.03	
29/07/2024 19:15	17.59	8	144.63	13.61	17.31	2.59	57.38	13.58	33.54	15.26	275.78	32.89	4.91	109.02	
29/07/2024 19:20	17.38	8.13	146.47	13.61	17.43	2.92	60.37	13.59	33.16	15.51	279.41	33.12	5.55	114.77	
29/07/2024 19:25	17.44	8.07	146.2	13.61	16.88	2.35	56.81	13.58	33.27	15.39	278.92	32.06	4.47	107.9	
29/07/2024 19:30	17.34	7.77	142.39	13.61	16.84	2.54	57.64	13.58	33.07	14.81	271.49	32	4.82	109.51	
29/07/2024 19:35	17.47	8.18	145.85	13.62	17.1	2.87	60.48	13.59	33.35	15.61	278.39	32.5	5.46	115	
29/07/2024 19:40	17.25	8.18	146.55	13.62	16.82	2.29	56.43	13.58	32.92	15.6	279.7	31.95	4.36	107.23	
29/07/2024 19:45	17.41	7.78	141.86	13.61	17.01	2.66	55.89	13.58	33.2	14.84	270.48	32.32	5.06	106.2	
29/07/2024 19:50	17.42	8.16	145.42	13.62	17.24	2.96	59.11	13.59	33.25	15.57	277.55	32.77	5.63	112.38	
29/07/2024 19:55	17.5	8.33	145.7	13.62	16.48	2.09	56.52	13.58	33.4	15.9	278.09	31.29	3.96	107.33	
29/07/2024 20:00	17.59	7.92	141.64	13.61	17.19	2.54	56.28	13.59	33.54	15.1	270.06	32.66	4.83	106.97	
29/07/2024 20:05	17.31	8.04	145.49	13.62	17.35	2.81	59.22	13.59	33.05	15.35	277.74	33	5.34	112.63	
29/07/2024 20:10	17.44	8	145.09	13.62	16.97	2.41	56.02	13.59	33.3	15.28	277.05	32.27	4.58	106.51	
29/07/2024 20:15	17.53	7.92	141.41	13.62	17.33	2.53	55.58	13.59	33.45	15.11	269.87	32.94	4.81	105.66	
29/07/2024 20:20	17.51	8.18	145.23	13.62	17.47	2.86	58.47	13.59	33.44	15.62	277.44	33.23	5.45	111.24	
29/07/2024 20:25	17.52	8.13	145.05	13.62	16.95	2.4	55.79	13.59	33.46	15.53	277.07	32.25	4.56	106.14	
29/07/2024 20:30	17.61	7.75	140.71	13.61	17.18	2.67	55.29	13.59	33.59	14.79	268.49	32.67	5.08	105.17	
29/07/2024 20:35	17.62	8.16	145.05	13.62	17.4	3.07	58.87	13.6	33.66	15.59	277.05	33.12	5.84	112.06	
29/07/2024 20:40	17.97	8.32	145.44	13.63	16.8	2.33	55.72	13.59	34.33	15.89	277.88	31.95	4.43	105.95	
29/07/2024 20:45	17.49	7.88	143.22	13.61	16.9	2.76	56.55	13.59	33.37	15.03	273.23	32.14	5.25	107.52	
29/07/2024 20:50	17.45	7.93	144.63	13.62	17.2	3.03	59.31	13.59	33.32	15.15	276.2	32.72	5.77	112.85	
29/07/2024 20:55	17.78	7.89	144.28	13.62	17.01	2.5	56.15	13.59	33.97	15.08	275.61	32.34	4.75	106.77	
29/07/2024 21:00	17.54	7.83	139	13.62	17.26	2.67	55.42	13.59	33.47	14.95	265.26	32.81	5.08	105.36	
29/07/2024 21:05	17.38	8.19	145.42	13.62	17.44	3.01	59.16	13.59	33.21	15.65	277.79	33.18	5.73	112.55	
29/07/2024 21:10	17.42	8.21	145.17	13.63	16.76	2.48	58.09	13.59	33.29	15.68	277.37	31.85	4.71	110.45	
29/07/2024 21:15	17.4	7.99	143.03	13.61	17.32	2.92	58.65	13.59	33.17	15.23	272.64	32.91	5.56	111.46	
29/07/2024 21:20	17.17	8.29	147.28	13.62	17.37	3.21	62.11	13.59	32.77	15.82	281.12	33.04	6.11	118.15	
29/07/2024 21:25	17.05	8.47	147.7	13.62	16.63	2.47	58.45	13.59	32.55	16.18	282.03	31.61	4.69	111.14	
29/07/2024 21:30	17.35	8.1	143.3	13.61	17.23	2.58	56.77	13.58	33.1	15.45	273.4	32.75	4.9	107.88	
29/07/2024 21:35	17.55	8.05	145.11	13.62	17.4	2.9	60.06	13.59	33.5	15.37	277.01	33.08	5.51	114.23	
29/07/2024 21:40	17.7	7.94	144.42	13.62	16.66	2.45	56.73	13.59	33.81	15.17	275.82	31.66	4.65	107.84	
29/07/2024 21:45	17.45	7.95	140.37	13.61	17.01	2.55	56.32	13.58	33.28	15.16	267.81	32.32	4.84	107.02	
29/07/2024 21:50	17.45	8.21	145.5	13.62	17.23	2.89	59.72	13.59	33.3	15.66	277.68	32.74	5.5	113.53	
29/07/2024 21:55	17.41	8.16	145.19	13.62	16.66	2.33	56.76	13.58	33.22	15.57	277.11	31.63	4.43	107.75	
29/07/2024 22:00	17.51	7.82	139.91	13.6	17.24	2.76	57.36	13.58	33.34	14.9	266.46	32.73	5.24	108.89	
29/07/2024 22:05	17.54	8.23	146.17	13.61	17.29	3.14	62.31	13.58	33.45	15.7	278.77	32.85	5.96	118.43	
29/07/2024 22:10	17.66	8.25	145.45	13.61	16.64	2.3	57.92	13.58	33.68	15.75	277.49	31.61	4.37	109.99	
29/07/2024 22:15	17.55	8.08	140.27	13.61	17.23	2.57	58	13.58	33.46	15.41	267.44	32.74	4.89	110.2	
29/07/2024 22:20	17.39	8.13	145.43	13.62	17.39	2.93	61.15	13.59	33.19	15.52	277.49	33.06	5.58	116.28	
29/07/2024 22:25	17.55	8.13	145.38	13.62	16.93	2.4	54.81	13.58	33.5	15.52	277.52	32.16	4.55	104.08	
29/07/2024 22:30	17.65	7.8	141	13.61	17.37	2.55	54.79	13.58	33.64	14.87	268.72	32.98	4.84	104.02	
29/07/2024 22:35	17.52	8.18	145.17	13.61	17.5	2.94	58.78	13.58	33.41	15.61	276.89	33.25	5.59	111.68	
29/07/2024 22:40	17.45	8.18	145.47	13.61	16.81	2.54	58	13.58	33.3	15.6	277.52	31.93	4.82	110.17	
29/07/2024 22:45	17.41	8.06	143.58	13.61	17.25	2.92	59.02	13.59	33.2	15.37	273.75	32.78	5.55	112.19	
29/07/2024 22:50	17.58	8.44	146.95	13.62	17.46	3.33	62.5	13.59	33.58	16.13	280.68	33.21	6.34	118.92	
29/07/2024 22:55	17.7	8.52	146.42	13.63	16.83	2.49	57.32	13.59	33.82	16.28	279.76	32.01	4.73	109.03	
29/07/2024 23:00	17.57	8.14	142.89	13.61	17.11	2.69	56.52	13.59	33.51	15.53	272.57	32.53	5.12	107.48	
29/07/2024 23:05	17.35	8.39	147.68	13.62	17.26	3.09	60.57	13.59	33.11	16.01	281.8	32.83	5.88	115.23	
29/07/2024 23:10	17.3	8.5	148.75	13.62	16.78	2.64	58.86	13.59	33.01	16.23	283.9	31.89	5.02	111.85	
29/07/2024 23:15	17.26	8.14	144.16	13.61	16.99	2.81	58.88	13.59	32.91	15.53	274.89	32.28	5.34	111.9	
29/07/2024 23:20	17.38	8.45	147.05	13.61	17.08	3.11	61.62	13.59	33.16	16.12	280.53	32.47	5.91	117.16	
29/07/2024 23:25	17.3	8.39	146.44	13.61	16.68	2.54	57.83	13.58	33	16.02	279.37	31.68	4.83	109.84	
29/07/2024 23:30	17.33	8.17	143.92	13.61	17.15	2.83	56.84	13.58	33.04	15.58	274.33	32.54	5.37	107.87	
29/07/2024 23:35	17.39	8.6	148.65	13.62	17.27	2.99	60.76	13.58	33.2	16.42	283.79	32.81	5.68	115.49	
29/07/2024 23:40	17.48	8.75	149.45	13.62	16.69	2.4	57.36	13.59	33.39	16.72	285.37	31.73	4.55	109.02	
29/07/2024 23:45	17.3	8.29	144.93	13.61	16.9	2.87	58.45	13.59	32.99	15.81	276.44	32.12	5.45	111.13	
29/07/2024 23:50	17.43	8.38	147.13	13.61	17.09	3.22	62.2	13.59	33.25	15.98	280.66	32.5	6.13	118.31	
29/07/2024 23:55	17.61	8.36	146.22	13.61	16.68	2.54	57.72	13.58	33.59	15.96	278.95	31.69	4.82	109.64	
30/07/2024 00:00	17.49	8.21	143.91	13.61	17.46	2.75	58.58	13.58	33.35	15.65	274.31				



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
30/07/2024 01:40	17.52	8.36	146.08	13.62	16.74	2.59	57.87	13.58	33.43	15.96	278.81	31.79	4.93	109.93	
30/07/2024 01:45	17.54	8.1	143.4	13.61	17.09	2.75	57.12	13.58	33.43	15.45	273.38	32.45	5.22	108.49	
30/07/2024 01:50	17.63	8.48	146.61	13.62	17.35	3.14	61.03	13.59	33.66	16.18	279.91	32.99	5.98	116.04	
30/07/2024 01:55	17.91	8.44	146.11	13.62	16.64	2.38	57	13.58	34.19	16.12	278.98	31.6	4.52	108.28	
30/07/2024 02:00	17.51	8.22	143.5	13.61	16.61	2.81	57.52	13.58	33.39	15.68	273.63	31.55	5.33	109.28	
30/07/2024 02:05	17.46	8.48	147.65	13.62	16.99	3.15	61.5	13.59	33.33	16.18	281.85	32.31	6	116.95	
30/07/2024 02:10	17.69	8.68	148.52	13.62	16.92	2.65	57.88	13.59	33.77	16.57	283.58	32.18	5.04	110.09	
30/07/2024 02:15	17.54	8.32	142.07	13.62	17.26	2.85	58.31	13.59	33.48	15.88	271.26	32.83	5.42	110.91	
30/07/2024 02:20	17.6	8.55	147.21	13.62	17.46	3.3	62.85	13.6	33.62	16.33	281.22	33.23	6.28	119.66	
30/07/2024 02:25	17.55	8.5	147.64	13.62	16.77	2.65	58.45	13.59	33.51	16.24	281.97	31.9	5.04	111.17	
30/07/2024 02:30	17.45	8.25	144.93	13.61	17.21	2.88	58.96	13.59	33.29	15.74	276.5	32.75	5.48	112.16	
30/07/2024 02:35	17.6	8.63	148.51	13.62	17.39	3.24	62.23	13.6	33.61	16.49	283.6	33.1	6.17	118.46	
30/07/2024 02:40	17.8	8.75	149.14	13.62	16.57	2.56	58.25	13.59	33.97	16.71	284.71	31.5	4.86	110.73	
30/07/2024 02:45	17.42	8.33	144.5	13.62	16.95	2.91	58.57	13.59	33.24	15.9	275.75	32.24	5.54	111.4	
30/07/2024 02:50	17.27	8.49	148.23	13.62	17.06	3.15	61.9	13.59	32.96	16.2	282.92	32.46	6	117.78	
30/07/2024 02:55	17.27	8.5	148.47	13.62	16.69	2.71	59.24	13.59	32.95	16.23	283.31	31.72	5.15	112.6	
30/07/2024 03:00	17.38	8.36	145.32	13.61	16.8	2.86	59.73	13.58	33.16	15.95	277.21	31.92	5.44	113.48	
30/07/2024 03:05	17.58	8.65	147.83	13.62	16.97	3.23	63.44	13.59	33.54	16.52	282.09	32.27	6.15	120.64	
30/07/2024 03:10	17.58	8.55	147.2	13.61	16.68	2.64	59.25	13.59	33.54	16.31	280.83	31.69	5.02	112.62	
30/07/2024 03:15	17.54	8.37	145.28	13.61	17.03	2.99	58.82	13.58	33.43	15.94	276.87	32.34	5.67	111.71	
30/07/2024 03:20	17.48	8.75	149.28	13.62	17.17	3.3	62.15	13.59	33.37	16.7	285	32.63	6.27	118.16	
30/07/2024 03:25	17.64	8.93	149.84	13.62	16.69	2.57	59.17	13.58	33.7	17.05	286.24	31.71	4.89	112.41	
30/07/2024 03:30	17.45	8.51	147.38	13.61	16.85	2.91	58.35	13.58	33.28	16.24	281	31.99	5.52	110.78	
30/07/2024 03:35	17.64	8.72	148.74	13.62	17.1	3.28	62.24	13.58	33.68	16.64	283.92	32.49	6.23	118.3	
30/07/2024 03:40	17.58	8.82	148.34	13.62	16.72	2.69	59.87	13.58	33.56	16.84	283.25	31.75	5.12	113.73	
30/07/2024 03:45	17.4	8.31	145.15	13.61	17.09	3.01	59.3	13.58	33.17	15.84	276.63	32.44	5.72	112.6	
30/07/2024 03:50	17.48	8.61	147.68	13.61	17.22	3.3	62.13	13.58	33.34	16.43	281.74	32.71	6.27	118.06	
30/07/2024 03:55	17.72	8.71	147.53	13.62	16.44	2.52	59.74	13.58	33.82	16.62	281.58	31.22	4.79	113.44	
30/07/2024 04:00	17.46	8.32	144.01	13.61	17.19	2.93	58.8	13.58	33.29	15.86	274.59	32.66	5.56	111.66	
30/07/2024 04:05	17.5	8.18	144.44	13.62	17.38	3.17	60.27	13.59	33.4	15.61	275.65	33.05	6.04	114.59	
30/07/2024 04:10	17.36	8.08	143.63	13.62	16.97	2.53	53.97	13.59	33.13	15.43	274.12	32.26	4.8	102.6	
30/07/2024 04:15	17.31	7.77	141.07	13.61	17.14	2.61	53.94	13.59	33.02	14.82	269.15	32.58	4.95	102.53	
30/07/2024 04:20	17.79	8.44	145.68	13.62	17.34	3.17	60.73	13.59	33.97	16.11	278.19	32.98	6.03	115.56	
30/07/2024 04:25	17.83	8.46	145.77	13.62	16.72	2.52	57.1	13.59	34.06	16.16	278.45	31.78	4.8	108.54	
30/07/2024 04:30	17.56	8.22	141.62	13.61	17.17	3.02	57.83	13.59	33.49	15.69	270.15	32.65	5.74	109.97	
30/07/2024 04:35	17.49	8.39	146.32	13.62	17.37	3.38	61.92	13.59	33.37	16.01	279.21	33.05	6.44	117.82	
30/07/2024 04:40	17.64	8.55	147.14	13.62	16.72	2.56	56.83	13.58	33.67	16.32	280.83	31.76	4.86	107.92	
30/07/2024 04:45	17.57	8.17	143.54	13.6	17.31	2.89	58.3	13.58	33.48	15.56	273.49	32.87	5.48	110.71	
30/07/2024 04:50	17.33	8.58	148	13.61	17.35	3.32	62.56	13.59	33.05	16.36	282.23	32.98	6.31	118.9	
30/07/2024 04:55	17.09	8.66	148.83	13.61	16.79	2.66	58.03	13.58	32.6	16.52	283.87	31.89	5.06	110.19	
30/07/2024 05:00	17.35	8.19	143.25	13.61	16.98	2.82	58.01	13.58	33.08	15.62	273.12	32.27	5.37	110.21	
30/07/2024 05:05	17.67	8.69	147.36	13.62	17.16	3.13	61.25	13.59	33.73	16.59	281.21	32.62	5.95	116.45	
30/07/2024 05:10	17.91	8.85	147.16	13.62	16.65	2.59	58.87	13.58	34.18	16.89	280.86	31.63	4.92	111.85	
30/07/2024 05:15	17.45	8.39	144.25	13.61	16.92	3.02	59.85	13.59	33.27	16	275.02	32.16	5.74	113.79	
30/07/2024 05:20	17.56	8.49	147.27	13.61	17.18	3.38	65.09	13.59	33.5	16.2	280.94	32.68	6.42	123.81	
30/07/2024 05:25	17.88	8.52	147.33	13.61	16.81	2.54	57.28	13.58	34.09	16.25	281.01	31.91	4.82	108.7	
30/07/2024 05:30	17.45	8.28	145.5	13.6	16.79	2.64	55.67	13.57	33.24	15.76	277.13	31.85	5.01	105.56	
30/07/2024 05:35	17.66	8.43	147.02	13.6	17.06	3.03	59.49	13.58	33.64	16.07	280.14	32.37	5.75	112.92	
30/07/2024 05:40	18	8.49	147.97	13.61	16.66	2.54	56.6	13.57	34.32	16.18	282.11	31.61	4.82	107.39	
30/07/2024 05:45	17.46	8.1	144.36	13.6	16.86	2.78	56.95	13.57	33.23	15.43	274.79	31.99	5.28	108.02	
30/07/2024 05:50	17.54	8.44	145.94	13.61	17.01	3.12	60.33	13.58	33.42	16.08	278.09	32.28	5.92	114.53	
30/07/2024 05:55	17.55	8.33	145.36	13.61	16.44	2.35	57.07	13.57	33.44	15.88	277.02	31.19	4.46	108.27	
30/07/2024 06:00	17.42	7.98	141.61	13.6	16.9	2.77	55.87	13.57	33.18	15.21	269.71	32.06	5.25	106.02	
30/07/2024 06:05	17.51	8.21	144.6	13.61	17.09	3.1	59.9	13.58	33.37	15.65	275.53	32.45	5.88	113.75	
30/07/2024 06:10	17.52	8.35	145.27	13.61	16.68	2.31	54.72	13.57	33.38	15.91	276.84	31.64	4.38	103.8	
30/07/2024 06:15	17.63	7.93	140.41	13.6	16.95	2.57	54.89	13.57	33.57	15.1	267.36	32.17	4.87	104.16	
30/07/2024 06:20	17.48	8.08	144.46	13.61	17.14	2.84	57.1	13.58	33.32	15.4	275.37	32.53	5.4	108.4	
30/07/2024 06:25	17.44	7.85	143.77	13.61	16.65	2.47	56.03	13.57	33.25	14.96	274.1	31.6	4.69	106.3	
30/07/2024 06:30	17.41	8.05	142.69	13.6	17.03	2.76	56.35	13.57	33.15	15.32	271.75	32.3	5.23	106.89	
30/07/2024 06:35	17.63	8.5	145.95	13.61	17.28	3.13	60.15	13.58	33.62	16.21	278.34	32.8	5.95	114.24	
30/07/2024 06:40	17.75	8.57	146.22	13.61	16.66	2.4	56.84	13.58	33.86	16.34	278.95	31.63	4.55	107.93	
30/07/2024 06:45	17.55	8.19	142.6	13.6	17.16	2.89	57.47	13.58	33.44	15.61	271.73	32.6	5.49	109.2	
30/07/2024 06:50	17.43	8.33	146.42	13.61	17.24	3.17	61.47	13.59	33.25	15.88	279.25	32.76	6.03	116.87	
30/07/2024 06:55	18.03	8.39	146.64	13.61	16.6	2.48	57.63	13.58	34.39	16.01	279.7	31.52	4.71	109.46	
30/07/2024 07:00	17.55	8	142.63	13.61	17.29	2.72	56.7	13.58	33.46	15.25	271.96	32.83	5.17	107.68	
30/07/2024 07:05	17.62	8.25	145.15	13.62	17.4	2.99	58	13.59	33.62	15.75	276.99	33.06	5.69	110.24	
30/07/2024 07:10	17.78	8.16	145.2	13.62	16.82	2.46	55.46	13.59	33.93	15.57	277.08	31.97	4.68	105.39	
30/07/2024 07:15	17.55	7.93	141.7	13.61	17.52	2.74	56.43	13.58	33.47	15.12	270.23	33.28	5.2	107.2	
30/07/2024 07:20	17.69	8.43	146.25	13.62	17.63	3.17	60.26	13.59	33.77	16.09	279.21	33.52	6.03	114.61	
30/07/2024 07:25	17.97	8.3	144.89	13.62	16.64	2.41	57.87	13.58	34.31	15.85	276.66	31.6	4.58	109.9	
30/07/2024 07:30	17.58	8.1	142.87	13.6	16.93	2.75	56.99	13.57	33.49	15.43	272.15	32.12	5.22	108.13	
30/07/2024 07:35	17.34	8.18	145	13.61	17.09	2.98	59.82	13.58	33.06	15.59	276.36	32.44			



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
30/07/2024 09:15	17.66	8.56	147.74	13.56	17.14	2.59	60.09	13.53	33.46	16.23	279.9	32.36	4.89	113.41	
30/07/2024 09:20	17.23	8.28	149.23	13.56	17.41	2.97	62.49	13.54	32.64	15.69	282.72	32.87	5.61	117.99	
30/07/2024 09:25	17.27	8.25	148.2	13.56	17.23	2.43	57.28	13.53	32.71	15.64	280.81	32.49	4.57	107.99	
30/07/2024 09:30	17.57	8.02	144.17	13.55	17.44	2.48	57.25	13.52	33.22	15.16	272.63	32.84	4.67	107.82	
30/07/2024 09:35	17.55	8.34	148.14	13.55	17.64	2.89	61.26	13.52	33.2	15.77	280.23	33.23	5.45	115.45	
30/07/2024 09:40	17.55	8.3	148.16	13.55	17.02	2.34	57.82	13.51	33.18	15.7	280.19	32.03	4.4	108.8	
30/07/2024 09:45	17.64	8.16	143.86	13.53	17.19	2.59	58.27	13.51	33.28	15.4	271.53	32.33	4.88	109.62	
30/07/2024 09:50	17.43	8.21	148.54	13.54	17.45	3.07	62.17	13.52	32.91	15.51	280.56	32.84	5.78	117.04	
30/07/2024 09:55	17.55	8.36	148.7	13.54	17.15	2.34	58.08	13.5	33.15	15.8	280.92	32.24	4.39	109.16	
30/07/2024 10:00	17.66	8.08	143.63	13.53	17.05	2.23	58.19	13.5	33.33	15.25	271.05	32.03	4.2	109.31	
30/07/2024 10:05	17.49	8.27	148.04	13.54	17.37	2.68	60.83	13.51	33.02	15.62	279.47	32.64	5.04	114.37	
30/07/2024 10:10	17.45	8.25	149.14	13.54	17.14	2.32	58.02	13.5	32.94	15.58	281.51	32.21	4.37	109.03	
30/07/2024 10:15	17.76	7.97	142.84	13.53	17.5	2.79	58.04	13.5	33.49	15.02	269.34	32.88	5.25	109.06	
30/07/2024 10:20	17.5	7.98	145.56	13.54	17.79	3.23	61.97	13.51	33.03	15.07	274.73	33.45	6.08	116.55	
30/07/2024 10:25	17.78	7.96	143.81	13.54	17.13	2.23	57.54	13.5	33.56	15.02	271.45	32.17	4.19	108.06	
30/07/2024 10:30	17.9	7.97	141.33	13.52	16.63	2.12	56.71	13.5	33.72	15.01	266.31	31.22	3.98	106.48	
30/07/2024 10:35	17.81	7.87	143.89	13.52	17.11	2.63	60.5	13.49	33.53	14.82	270.88	32.11	4.93	113.59	
30/07/2024 10:40	17.77	7.71	143.66	13.51	17.05	2.04	57.08	13.47	33.43	14.5	270.3	31.91	3.81	106.86	
30/07/2024 10:45	18.15	8.05	141.07	13.49	17.63	2.55	56.95	13.47	34.07	15.1	264.81	32.99	4.78	106.54	
30/07/2024 10:50	17.61	7.86	146.12	13.5	17.91	2.92	59.62	13.47	33.07	14.75	274.32	33.51	5.46	111.57	
30/07/2024 10:55	17.89	7.94	146.53	13.5	17.83	2.61	56.52	13.46	33.61	14.92	275.24	33.3	4.88	105.58	
30/07/2024 11:00	17.63	7.51	141.6	13.47	17.39	2.29	56.13	13.44	32.97	14.05	264.86	32.39	4.26	104.55	
30/07/2024 11:05	17.83	8.23	146.52	13.47	17.66	2.79	59.19	13.44	33.37	15.41	274.14	32.91	5.21	110.32	
30/07/2024 11:10	18.08	8.33	146.52	13.47	17.55	2.41	57.67	13.43	33.81	15.59	274.05	32.67	4.49	107.35	
30/07/2024 11:15	17.98	8.15	143.34	13.46	16.78	1.7	56.9	13.43	33.61	15.24	268.01	31.22	3.16	105.85	
30/07/2024 11:20	17.94	8.5	148.21	13.47	17.24	2.32	61.05	13.43	33.55	15.9	277.12	32.08	4.33	113.66	
30/07/2024 11:25	18.03	8.35	148.2	13.46	17.28	2.25	58.63	13.43	33.7	15.6	276.98	32.15	4.19	109.07	
30/07/2024 11:30	18.46	8.68	142.59	13.46	17.59	2.67	58.53	13.43	34.46	16.2	266.23	32.74	4.96	108.91	
30/07/2024 11:35	17.42	7.86	145.97	13.45	17.8	2.99	61.54	13.43	32.49	14.66	272.21	33.12	5.57	114.5	
30/07/2024 11:40	17.02	7.6	145.61	13.44	17.61	2.55	58.04	13.42	31.72	14.16	271.45	32.73	4.74	107.87	
30/07/2024 11:45	17.72	7.9	144.38	13.44	17.95	2.95	59.05	13.42	33.02	14.71	269.02	33.37	5.48	109.75	
30/07/2024 11:50	17.72	8.05	146.65	13.45	18.17	3.22	61.48	13.42	33.05	15.01	273.6	33.78	5.99	114.31	
30/07/2024 11:55	17.75	8.08	146.34	13.45	18.04	2.64	57.59	13.42	33.12	15.08	273.04	33.51	4.91	106.98	
30/07/2024 12:00	17.78	7.96	143.35	13.45	16.88	1.76	57.92	13.41	33.16	14.86	267.42	31.33	3.27	107.5	
30/07/2024 12:05	17.98	8.18	147.09	13.44	17.31	2.41	62.14	13.42	33.52	15.25	274.24	32.15	4.47	115.44	
30/07/2024 12:10	17.94	7.94	147.45	13.44	17.17	2.1	57.35	13.42	33.43	14.8	274.83	31.9	3.9	106.54	
30/07/2024 12:15	18.33	8.15	142.29	13.44	17.75	2.35	55.13	13.42	34.17	15.2	265.23	32.97	4.36	102.41	
30/07/2024 12:20	17.52	7.67	145.24	13.44	17.96	2.95	60.95	13.42	32.66	14.3	270.69	33.39	5.49	113.34	
30/07/2024 12:25	17.58	7.72	145.16	13.45	18.04	2.65	56.96	13.42	32.78	14.4	270.66	33.51	4.92	105.83	
30/07/2024 12:30	17.6	7.44	141.61	13.43	17.48	1.97	55.24	13.41	32.77	13.86	263.65	32.42	3.65	102.47	
30/07/2024 12:35	17.81	8.01	144.32	13.45	17.8	2.66	60.18	13.41	33.23	14.94	269.2	33.05	4.94	111.79	
30/07/2024 12:40	17.64	8.02	143.58	13.45	17.49	2.11	55.56	13.41	32.93	14.97	268	32.46	3.91	103.12	
30/07/2024 12:45	18.11	8	141.65	13.44	17.25	1.98	56.31	13.41	33.76	14.91	264.08	32.02	3.68	104.52	
30/07/2024 12:50	17.45	7.47	144.81	13.45	17.55	2.59	61.97	13.42	32.54	13.94	270.08	32.61	4.82	115.18	
30/07/2024 12:55	17.27	7.36	144.66	13.45	17.75	2.47	56.64	13.43	32.2	13.73	269.78	33.01	4.6	105.34	
30/07/2024 13:00	17.77	7.43	141.11	13.45	17.74	2.09	55.06	13.42	33.13	13.86	263.13	32.96	3.88	102.3	
30/07/2024 13:05	17.78	7.99	146.03	13.46	17.98	2.62	58.43	13.43	33.23	14.94	272.93	33.45	4.88	108.71	
30/07/2024 13:10	18.17	8.14	145.7	13.46	17.46	2.04	55.42	13.43	33.97	15.22	272.36	32.47	3.8	103.08	
30/07/2024 13:15	18.22	8.15	142.76	13.46	17.06	1.91	55.47	13.43	34.03	15.22	266.71	31.74	3.56	103.19	
30/07/2024 13:20	17.45	7.68	146.64	13.46	17.38	2.45	59.42	13.43	32.59	14.35	273.96	32.36	4.57	110.65	
30/07/2024 13:25	17.13	7.68	147.33	13.46	17.63	2.34	57.28	13.43	32	14.34	275.28	32.81	4.35	106.61	
30/07/2024 13:30	17.6	7.78	144.34	13.46	17.38	1.88	56.55	13.43	32.9	14.54	269.73	32.33	3.5	105.17	
30/07/2024 13:35	17.82	8.1	146.87	13.48	17.73	2.58	61.16	13.44	33.37	15.17	275.04	33.03	4.82	113.99	
30/07/2024 13:40	17.98	8.13	146.02	13.48	17.06	1.92	56.54	13.45	33.7	15.23	273.58	31.8	3.58	105.42	
30/07/2024 13:45	18.17	8.17	142.43	13.47	17.87	2.37	56.28	13.45	34	15.29	266.63	33.33	4.42	104.96	
30/07/2024 13:50	17.52	7.63	145.47	13.47	18.01	2.75	59.39	13.45	32.78	14.28	272.11	33.59	5.13	110.82	
30/07/2024 13:55	17.52	7.5	144.09	13.47	17.57	2.26	55.61	13.44	32.76	14.04	269.52	32.74	4.2	103.64	
30/07/2024 14:00	17.77	7.55	141.86	13.46	17.04	1.78	54.29	13.43	33.21	14.12	265.22	31.71	3.32	101.05	
30/07/2024 14:05	17.82	7.9	144.68	13.47	17.39	2.27	56.36	13.44	33.35	14.78	270.7	32.39	4.23	105	
30/07/2024 14:10	17.88	7.97	144.41	13.47	16.91	1.6	55.02	13.43	33.45	14.92	270.22	31.47	2.98	102.4	
30/07/2024 14:15	18.28	8.08	140.64	13.46	17.44	2.03	54.37	13.43	34.15	15.11	262.79	32.45	3.78	101.19	
30/07/2024 14:20	17.53	7.46	144.36	13.46	17.83	2.58	57.74	13.44	32.75	13.95	269.7	33.21	4.82	107.55	
30/07/2024 14:25	17.34	7.46	143.95	13.46	17.8	2.29	53.79	13.44	32.42	13.94	269.09	33.15	4.26	100.17	
30/07/2024 14:30	17.81	7.5	141.75	13.46	17.5	1.89	55.08	13.43	33.27	14.01	264.81	32.56	3.52	102.48	
30/07/2024 14:35	17.64	7.79	145.14	13.47	17.92	2.54	57.15	13.44	32.99	14.58	271.52	33.39	4.73	106.47	
30/07/2024 14:40	17.66	7.82	144.55	13.48	17.55	2.01	54.05	13.44	33.05	14.63	270.6	32.69	3.75	100.68	
30/07/2024 14:45	18.04	7.93	139.45	13.47	17.26	1.99	55.14	13.44	33.72	14.83	260.73	32.14	3.71	102.68	
30/07/2024 14:50	17.79	7.78	145.74	13.46	17.47	2.46	59.74	13.44	33.24	14.53	272.29	32.54	4.59	111.29	
30/07/2024 14:55	17.58	7.39	145.72	13.46	17.67	2.18	55.3	13.43	32.82	13.81	272.11	32.88	4.05	102.93	
30/07/2024 15:00	18.21	7.88	142.03	13.45	17.81	2.39	54.78	13.43	34	14.72	265.16	33.13	4.44	101.91	
30/07/2024 15:05	17.64	7.45	145.41	13.45	17.97	2.71	57.98	13.43	32.93	13.91	271.49	33.45	5.05	107.94	
30/07/2024 15:10	17.64	7.55	145.92	13.46	17.82	2.33	54.65	13.43	32.95						



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
30/07/2024 16:50	17.72	7.56	145.34	13.48	17.68	2.68	59.24	13.46	33.21	14.17	272.43	33.03	5.02	110.69	
30/07/2024 16:55	17.73	7.64	145.25	13.49	17.44	2.06	53.87	13.46	33.25	14.33	272.32	32.57	3.84	100.64	
30/07/2024 17:00	17.9	7.19	139.81	13.46	17.14	1.6	54.38	13.45	33.42	13.42	261.06	31.99	3	101.52	
30/07/2024 17:05	17.62	6.99	142.15	13.44	17.44	2.09	57.04	13.46	32.84	13.04	264.95	32.57	3.91	106.49	
30/07/2024 17:10	17.55	6.83	142.09	13.44	17.54	2.03	53.35	13.46	32.7	12.73	264.84	32.76	3.79	99.63	
30/07/2024 17:15	17.99	6.95	139.03	13.44	17.84	2.29	53.42	13.46	33.52	12.95	258.98	33.31	4.27	99.75	
30/07/2024 17:20	17.49	6.97	143.85	13.45	18	2.64	57	13.46	32.61	13	268.29	33.63	4.93	106.51	
30/07/2024 17:25	17.48	7.08	143.61	13.45	17.26	1.9	54.21	13.46	32.62	13.21	267.94	32.27	3.55	101.33	
30/07/2024 17:30	17.87	7.51	142.24	13.49	17.25	1.56	49.22	13.44	33.51	14.08	266.71	32.14	2.91	91.7	
30/07/2024 17:35	17.74	7.5	145.13	13.5	17.63	2.03	52	13.44	33.33	14.08	272.63	32.87	3.8	97	
30/07/2024 17:40	17.69	7.38	145.19	13.5	17.68	1.81	48.1	13.44	33.22	13.86	272.66	32.95	3.38	89.65	
30/07/2024 17:45	17.94	7.7	143.33	13.49	18.3	1.91	48.89	13.44	33.66	14.44	268.99	34.1	3.56	91.09	
30/07/2024 17:50	17.75	7.92	147.4	13.51	18.44	2.45	53	13.45	33.36	14.9	277.08	34.4	4.58	98.9	
30/07/2024 17:55	17.83	8.11	147.47	13.51	17.3	1.49	48.88	13.44	33.53	15.26	277.35	32.23	2.78	91.09	
30/07/2024 18:00	17.96	7.84	143.21	13.5	16.9	1.81	52.84	13.47	33.74	14.73	269.05	31.61	3.39	98.83	
30/07/2024 18:05	17.47	7.44	145.84	13.51	17.17	2.27	56.7	13.48	32.84	13.99	274.14	32.15	4.26	106.18	
30/07/2024 18:10	17.45	7.52	145.8	13.51	17.2	1.94	53.69	13.48	32.83	14.14	274.21	32.22	3.63	100.6	
30/07/2024 18:15	17.91	7.56	142.67	13.51	17.44	1.97	53.84	13.48	33.68	14.21	268.31	32.67	3.69	100.86	
30/07/2024 18:20	17.85	7.76	145.61	13.52	17.68	2.52	59.17	13.49	33.62	14.61	274.25	33.16	4.73	111.01	
30/07/2024 18:25	17.97	7.77	145.5	13.52	16.93	1.72	53.68	13.49	33.85	14.63	274.06	31.75	3.22	100.67	
30/07/2024 18:30	18.07	7.65	142	13.51	17.25	1.89	53.27	13.49	34.01	14.4	267.22	32.34	3.54	99.91	
30/07/2024 18:35	17.61	7.61	147.02	13.52	17.49	2.39	57.71	13.49	33.15	14.34	276.84	32.83	4.49	108.35	
30/07/2024 18:40	17.7	7.69	148.56	13.52	16.8	1.81	55.32	13.49	33.34	14.49	279.82	31.52	3.4	103.78	
30/07/2024 18:45	17.72	7.73	142.09	13.51	16.79	1.88	55.26	13.48	33.34	14.55	267.45	31.48	3.52	103.58	
30/07/2024 18:50	17.61	7.95	147.17	13.52	17.13	2.4	58.89	13.49	33.19	14.98	277.29	32.13	4.5	110.51	
30/07/2024 18:55	17.55	7.82	146.63	13.52	17.11	2.12	55.63	13.5	33.06	14.73	276.23	32.12	3.98	104.47	
30/07/2024 19:00	17.68	7.71	142.01	13.52	17.28	2.41	55.71	13.5	33.29	14.53	267.42	32.44	4.52	104.6	
30/07/2024 19:05	17.57	7.95	147.75	13.53	17.54	2.78	59.11	13.5	33.14	14.99	278.61	32.97	5.24	111.11	
30/07/2024 19:10	17.77	8.08	148	13.53	17	1.93	54.95	13.5	33.53	15.25	279.3	31.93	3.63	103.24	
30/07/2024 19:15	17.72	7.88	143.49	13.53	17.35	2.15	54.82	13.5	33.44	14.87	270.72	32.6	4.04	103.02	
30/07/2024 19:20	17.49	7.89	147.62	13.54	17.66	2.73	59.35	13.51	33.03	14.9	278.74	33.22	5.14	111.7	
30/07/2024 19:25	17.39	7.99	148.03	13.54	17.25	2.35	56.12	13.52	32.85	15.09	279.65	32.47	4.42	105.64	
30/07/2024 19:30	17.64	7.82	144.19	13.54	17	2.05	55.83	13.51	33.32	14.78	272.35	31.99	3.86	105.07	
30/07/2024 19:35	17.71	7.86	145.4	13.55	17.4	2.52	58.33	13.52	33.49	14.87	274.97	32.77	4.74	109.88	
30/07/2024 19:40	17.64	7.69	144.38	13.55	17.15	1.88	52.89	13.52	33.35	14.54	272.98	32.29	3.54	99.58	
30/07/2024 19:45	17.82	7.81	140.94	13.54	17.51	2.5	54.22	13.52	33.65	14.76	266.22	32.98	4.7	102.1	
30/07/2024 19:50	17.48	8.01	147.49	13.55	17.73	2.88	57.76	13.52	33.05	15.13	278.77	33.4	5.43	108.83	
30/07/2024 19:55	17.64	8.21	148.31	13.55	16.82	1.95	55.93	13.51	33.35	15.52	280.42	31.63	3.66	105.17	
30/07/2024 20:00	17.74	7.99	143.41	13.54	16.97	2.53	57.05	13.51	33.49	15.09	270.84	31.91	4.76	107.29	
30/07/2024 20:05	17.42	8.01	148.59	13.54	17.18	2.82	60.26	13.52	32.9	15.13	280.67	32.33	5.31	113.45	
30/07/2024 20:10	17.44	7.97	148.81	13.54	16.96	2.09	55.64	13.52	32.94	15.06	281.07	31.93	3.94	104.74	
30/07/2024 20:15	17.63	7.83	144.08	13.54	17.08	2.2	55.15	13.51	33.29	14.78	272.12	32.12	4.14	103.76	
30/07/2024 20:20	17.59	8.11	147.48	13.55	17.41	2.61	58.68	13.52	33.27	15.33	278.92	32.78	4.92	110.51	
30/07/2024 20:25	17.55	8.11	148.09	13.55	16.76	1.93	56.04	13.52	33.18	15.34	280.07	31.57	3.64	105.54	
30/07/2024 20:30	17.67	8.08	142.01	13.55	17.4	2.62	56.72	13.53	33.43	15.28	268.66	32.81	4.94	106.94	
30/07/2024 20:35	17.68	8.12	148.09	13.56	17.68	3.08	61.64	13.53	33.48	15.38	280.47	33.37	5.82	116.32	
30/07/2024 20:40	17.95	8.16	147.14	13.56	16.76	1.89	55.61	13.52	34.01	15.46	278.74	31.56	3.57	104.75	
30/07/2024 20:45	17.84	8.22	143.3	13.55	17.21	2.52	56.77	13.52	33.76	15.56	271.13	32.44	4.74	106.98	
30/07/2024 20:50	17.46	8.09	147.87	13.55	17.52	2.99	60.2	13.53	33.04	15.3	279.8	33.04	5.64	113.55	
30/07/2024 20:55	17.44	8.04	147.78	13.55	16.92	2.13	56.82	13.52	33	15.21	279.66	31.87	4.01	107.03	
30/07/2024 21:00	17.61	8.07	145.72	13.55	17.26	2.77	58.12	13.52	33.28	15.25	275.44	32.52	5.21	109.5	
30/07/2024 21:05	17.69	8.29	148.18	13.55	17.52	3.12	61.52	13.53	33.47	15.69	280.42	33.03	5.89	116	
30/07/2024 21:10	17.8	8.24	147.98	13.56	16.96	2.15	56.17	13.52	33.69	15.59	280.1	31.93	4.05	105.77	
30/07/2024 21:15	17.84	8.19	145.18	13.55	17.92	3.16	56.78	13.53	33.74	15.5	274.55	33.78	5.96	107.03	
30/07/2024 21:20	17.35	8.2	148.94	13.55	17.89	3.36	60.29	13.53	32.82	15.51	281.8	33.74	6.34	113.72	
30/07/2024 21:25	17.3	8.29	148.47	13.56	17.04	2.3	56.79	13.52	32.75	15.69	281.08	32.09	4.32	106.94	
30/07/2024 21:30	17.48	8.05	145.51	13.55	16.74	1.93	56.81	13.51	33.04	15.22	275.09	31.48	3.63	106.84	
30/07/2024 21:35	17.52	8.27	148.98	13.55	17.09	2.49	60.69	13.52	33.14	15.64	281.83	32.18	4.69	114.29	
30/07/2024 21:40	17.5	8.3	148.77	13.55	16.75	2.13	57.08	13.52	33.11	15.71	281.46	31.54	4.01	107.48	
30/07/2024 21:45	17.58	8.01	145.45	13.54	16.99	2.62	58.18	13.52	33.2	15.13	274.79	31.98	4.93	109.52	
30/07/2024 21:50	17.57	8.38	148.64	13.55	17.26	3.08	62.54	13.52	33.23	15.86	281.21	32.53	5.8	117.88	
30/07/2024 21:55	17.69	8.49	148.66	13.56	16.79	2.06	56.68	13.52	33.48	16.07	281.37	31.63	3.88	106.76	
30/07/2024 22:00	17.7	8.18	146.24	13.55	16.89	2.2	56.76	13.52	33.46	15.46	276.49	31.81	4.14	106.91	
30/07/2024 22:05	17.36	8.07	148.06	13.55	17.15	2.65	60.24	13.52	32.81	15.25	279.89	32.32	4.99	113.56	
30/07/2024 22:10	17.38	8.11	147.27	13.55	16.98	2.23	56.18	13.52	32.85	15.34	278.44	31.98	4.2	105.83	
30/07/2024 22:15	17.58	7.98	144.34	13.55	16.93	2.3	55.87	13.52	33.24	15.08	272.85	31.87	4.33	105.19	
30/07/2024 22:20	17.37	8.17	148.27	13.55	17.11	2.63	59.09	13.52	32.87	15.47	280.58	32.23	4.96	111.35	
30/07/2024 22:25	17.28	8.05	148	13.56	16.84	2.15	55.72	13.52	32.71	15.24	280.13	31.72	4.04	104.94	
30/07/2024 22:30	17.61	7.77	141.24	13.55	17.53	2.65	56.01	13.52	33.28	14.69	266.98	33.03	4.99	105.51	
30/07/2024 22:35	17.5	8.22	148.24	13.56	17.69	2.94	59.16	13.53	33.14	15.56	280.62	33.35	5.55	111.55	
30/07/2024 22:40	17.75	8.29	147.94	13.56	16.91	2.06	55.6	13.53	33.61	15.69	280.13	31.88	3.88	104.83	
30/07/2024 22:45	17.72	8.09	144.78	13.55	17.4	2.53	56.12	13.53	33.54	15.32	274.02	32.8	4.77	105.81	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
31/07/2024 00:25	17.34	8.05	148	13.55	17.26	2.39	54.56	13.53	32.81	15.23	280.01	32.53	4.5	102.84	
31/07/2024 00:30	17.45	7.83	142.46	13.55	16.77	2.27	53.99	13.52	33	14.81	269.41	31.59	4.27	101.73	
31/07/2024 00:35	17.45	8.2	147.13	13.56	17.03	2.64	57.29	13.53	33.04	15.51	278.5	32.11	4.98	108.01	
31/07/2024 00:40	17.33	8.39	147.72	13.56	16.74	1.96	54.42	13.51	32.81	15.9	279.72	31.51	3.69	102.41	
31/07/2024 00:45	17.67	8.03	143.23	13.54	17.79	2.87	54.25	13.52	33.38	15.18	270.67	33.51	5.41	102.17	
31/07/2024 00:50	17.26	7.96	147.64	13.54	17.84	3.16	58.39	13.52	32.61	15.05	278.96	33.61	5.95	110.04	
31/07/2024 00:55	17.41	7.94	147.66	13.55	17.21	2.33	54.21	13.51	32.9	15.01	279.06	32.39	4.39	102.04	
31/07/2024 01:00	17.38	7.86	142.78	13.54	17.09	2.23	54.61	13.51	32.84	14.86	269.78	32.14	4.19	102.74	
31/07/2024 01:05	17.49	8.23	147.74	13.55	17.36	2.7	59.25	13.52	33.08	15.56	279.46	32.68	5.08	111.59	
31/07/2024 01:10	17.52	8.18	147.44	13.55	16.74	2.01	54.63	13.52	33.14	15.47	278.95	31.52	3.79	102.82	
31/07/2024 01:15	17.56	7.97	144.69	13.54	17.41	2.56	54.9	13.52	33.18	15.05	273.38	32.78	4.82	103.38	
31/07/2024 01:20	17.35	8.09	147.81	13.55	17.65	2.96	58.31	13.52	32.83	15.31	279.59	33.25	5.59	109.9	
31/07/2024 01:25	17.3	8.22	147.86	13.55	17.05	2.26	54.69	13.52	32.73	15.56	279.8	32.1	4.25	102.96	
31/07/2024 01:30	17.5	7.98	143.86	13.54	16.75	2.16	54.3	13.51	33.06	15.07	271.82	31.51	4.05	102.15	
31/07/2024 01:35	17.26	8.01	147.17	13.55	17.12	2.63	57.28	13.52	32.62	15.15	278.23	32.23	4.96	107.88	
31/07/2024 01:40	17.28	7.97	147.09	13.55	17.02	2.31	54.84	13.52	32.67	15.07	278.12	32.04	4.34	103.27	
31/07/2024 01:45	17.4	7.76	142.65	13.55	17.14	2.27	56.01	13.51	32.89	14.66	269.66	32.26	4.27	105.42	
31/07/2024 01:50	17.51	8.29	147.51	13.56	17.35	2.57	61.06	13.52	33.16	15.7	279.27	32.69	4.84	115.08	
31/07/2024 01:55	17.52	8.27	147.16	13.56	16.86	2.15	54.82	13.52	33.17	15.66	278.65	31.75	4.05	103.26	
31/07/2024 02:00	17.48	7.97	143.76	13.55	17.13	2.43	54.89	13.52	33.04	15.08	271.82	32.27	4.58	103.36	
31/07/2024 02:05	17.56	8.23	147	13.55	17.49	2.91	58.53	13.52	33.22	15.57	278.16	32.96	5.48	110.32	
31/07/2024 02:10	17.84	8.3	146.77	13.55	16.98	2.16	54.8	13.52	33.77	15.71	277.73	31.95	4.06	103.15	
31/07/2024 02:15	17.63	8.03	140.94	13.55	17.02	2.23	55.4	13.52	33.33	15.18	266.4	32.05	4.2	104.32	
31/07/2024 02:20	17.22	8.07	147.18	13.55	17.16	2.65	59.65	13.52	32.57	15.28	278.47	32.34	5	112.45	
31/07/2024 02:25	17.09	8.16	147.33	13.56	16.99	2.24	55.43	13.53	32.35	15.45	278.86	32.02	4.23	104.46	
31/07/2024 02:30	17.39	7.86	142.74	13.55	16.57	1.95	53.92	13.52	32.91	14.88	270.11	31.19	3.67	101.53	
31/07/2024 02:35	17.51	8.15	146.81	13.56	17.06	2.6	58.13	13.53	33.15	15.44	277.97	32.16	4.91	109.6	
31/07/2024 02:40	17.34	8.1	147.08	13.56	16.85	2.04	54.55	13.52	32.84	15.33	278.5	31.73	3.84	102.76	
31/07/2024 02:45	17.6	7.81	142.35	13.55	17.06	2.55	55.64	13.52	33.29	14.77	269.22	32.15	4.81	104.82	
31/07/2024 02:50	17.49	8.15	146.46	13.56	17.34	3.09	61.21	13.53	33.1	15.43	277.25	32.7	5.83	115.46	
31/07/2024 02:55	17.61	8.27	146.36	13.56	16.83	2.02	54.9	13.52	33.34	15.66	277.14	31.7	3.81	103.43	
31/07/2024 03:00	17.74	7.9	141.33	13.55	17.22	2.35	55.12	13.52	33.53	14.94	267.23	32.44	4.43	103.82	
31/07/2024 03:05	17.53	8.01	146.43	13.55	17.51	2.85	58.92	13.52	33.15	15.15	276.86	33	5.37	111.06	
31/07/2024 03:10	17.72	7.97	146.05	13.55	17.2	2.33	55	13.52	33.52	15.08	276.26	32.4	4.38	103.6	
31/07/2024 03:15	17.52	7.74	143.08	13.54	17.05	2.3	55.27	13.52	33.1	14.63	270.39	32.1	4.32	104.05	
31/07/2024 03:20	17.66	8.16	146.6	13.55	17.47	2.91	58.92	13.52	33.42	15.43	277.4	32.91	5.48	111.05	
31/07/2024 03:25	17.73	8.11	146.16	13.55	17.14	2.12	53.83	13.52	33.56	15.35	276.58	32.28	3.99	101.41	
31/07/2024 03:30	17.6	7.84	142.95	13.55	17.07	2.42	55	13.53	33.29	14.83	270.46	32.19	4.56	103.73	
31/07/2024 03:35	17.6	8.06	146.27	13.56	17.43	2.94	58.25	13.54	33.33	15.25	276.95	32.91	5.55	109.96	
31/07/2024 03:40	17.94	8.21	146.34	13.56	16.95	2.07	54.07	13.53	33.98	15.55	277.23	31.96	3.89	101.96	
31/07/2024 03:45	17.74	7.71	141.87	13.55	16.94	2.26	53.7	13.52	33.55	14.59	268.39	31.91	4.25	101.17	
31/07/2024 03:50	17.5	7.83	145.97	13.56	17.16	2.61	57.26	13.53	33.11	14.82	276.23	32.34	4.92	107.96	
31/07/2024 03:55	17.53	7.85	146.19	13.55	17.1	2.27	54.52	13.52	33.17	14.85	276.58	32.23	4.28	102.75	
31/07/2024 04:00	17.55	7.68	142.59	13.55	16.92	2.35	54.45	13.52	33.18	14.51	269.53	31.88	4.43	102.59	
31/07/2024 04:05	17.89	8.08	146.14	13.56	17.26	2.85	59.02	13.53	33.86	15.3	276.62	32.54	5.37	111.29	
31/07/2024 04:10	18.19	8.11	145.67	13.56	17.07	2.09	53.62	13.52	34.43	15.36	275.78	32.15	3.93	101.01	
31/07/2024 04:15	17.83	8.03	142.04	13.54	17.28	2.65	54.58	13.52	33.69	15.18	268.39	32.56	4.99	102.86	
31/07/2024 04:20	17.79	7.99	147.5	13.55	17.52	3.02	58.36	13.53	33.66	15.11	279.02	33.04	5.7	110.06	
31/07/2024 04:25	18.22	8.1	148.34	13.55	17.44	2.42	54.36	13.52	34.48	15.32	280.72	32.84	4.56	102.38	
31/07/2024 04:30	17.75	7.89	144.13	13.54	17.03	2.17	54.35	13.52	33.54	14.9	272.4	32.05	4.08	102.32	
31/07/2024 04:35	17.89	8.16	146.72	13.55	17.35	2.83	60.08	13.52	33.85	15.43	277.58	32.68	5.34	113.24	
31/07/2024 04:40	17.94	8.24	147.5	13.56	16.68	1.98	54.29	13.52	33.95	15.59	279.18	31.39	3.73	102.19	
31/07/2024 04:45	17.77	7.91	144.78	13.54	17.11	2.5	54.21	13.52	33.57	14.95	273.54	32.21	4.71	102.06	
31/07/2024 04:50	17.38	8.05	147.6	13.56	17.37	2.99	59.25	13.52	32.9	15.23	279.35	32.74	5.64	111.69	
31/07/2024 04:55	17.48	8.18	147.95	13.56	16.98	2.22	54.48	13.52	33.11	15.49	280.22	32.01	4.18	102.68	
31/07/2024 05:00	17.6	7.94	142.91	13.55	16.9	2.46	55.58	13.53	33.28	15.01	270.25	31.85	4.63	104.76	
31/07/2024 05:05	17.56	8.16	148.23	13.55	17.15	2.83	58.72	13.53	33.18	15.42	280.15	32.33	5.33	110.7	
31/07/2024 05:10	17.47	8.14	148.58	13.55	16.94	2.21	54.07	13.52	33.02	15.39	280.81	31.89	4.16	101.77	
31/07/2024 05:15	17.56	7.83	144.25	13.54	17.31	2.48	54.65	13.52	33.17	14.81	272.59	32.59	4.67	102.92	
31/07/2024 05:20	17.67	8.19	147.74	13.55	17.57	2.82	57.53	13.52	33.44	15.5	279.55	33.11	5.33	108.44	
31/07/2024 05:25	17.78	8.07	147.33	13.56	16.93	2.1	54.78	13.52	33.66	15.27	278.86	31.89	3.96	103.2	
31/07/2024 05:30	17.73	7.92	142.13	13.55	17.27	2.6	54.11	13.52	33.51	14.97	268.64	32.53	4.9	101.94	
31/07/2024 05:35	17.61	7.98	146.26	13.55	17.5	3.07	58.05	13.53	33.32	15.1	276.7	33	5.79	109.47	
31/07/2024 05:40	17.78	8.21	146.66	13.56	17.1	2.16	53.33	13.52	33.66	15.53	277.59	32.21	4.07	100.44	
31/07/2024 05:45	17.94	7.64	140.03	13.54	17.57	2.36	52.33	13.51	33.9	14.44	264.68	33.07	4.45	98.48	
31/07/2024 05:50	17.76	7.91	145.48	13.56	17.74	2.8	56.9	13.52	33.6	14.97	275.34	33.43	5.27	107.26	
31/07/2024 05:55	17.83	7.85	145.45	13.56	16.97	2.13	52.92	13.53	33.74	14.85	275.31	31.99	4.01	99.76	
31/07/2024 06:00	17.36	7.89	144.02	13.54	17.37	2.45	52.86	13.52	32.81	14.91	272.16	32.71	4.61	99.56	
31/07/2024 06:05	16.99	8.54	151.13	13.55	17.25	2.97	59.94	13.52	32.13	16.14	285.74	32.51	5.61	112.95	
31/07/2024 06:10	17.05	8.72	152.69	13.55	16.06	2.27	59.42	13.51	32.23	16.49	288.69	30.21	4.27	111.79	
31/07/2024 06:15	16.92	8.18	146.35	13.54	16.59	2.76	61.22	13.51	31.95	15.45	276.45	31.21	5.19	115.21	
31/07/2024 06:20	16.77	8.16	148.17	13.55	16.82	3.1	64.27	13.52	31.7	15.43	280.05	31.6			



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
31/07/2024 08:00	17.73	7.01	137.31	13.52	17.3	1.8	49.12	13.49	33.4	13.2	258.69	32.44	3.37	92.1	
31/07/2024 08:05	17.81	7.31	140.6	13.53	17.61	2.22	52.31	13.49	33.6	13.78	265.24	33.05	4.18	98.22	
31/07/2024 08:10	17.81	7.28	140.75	13.53	17.31	1.78	47.8	13.5	33.61	13.75	265.62	32.49	3.33	89.74	
31/07/2024 08:15	18.01	6.95	134.6	13.52	17.96	2.35	49.26	13.5	33.93	13.09	253.61	33.73	4.42	92.49	
31/07/2024 08:20	17.9	7.11	139.56	13.52	18.14	2.68	52.91	13.5	33.73	13.39	263.02	34.07	5.04	99.41	
31/07/2024 08:25	18.28	7.18	139.16	13.53	17.49	1.84	48.61	13.49	34.46	13.52	262.27	32.8	3.46	91.18	
31/07/2024 08:30	18.06	7.05	136.58	13.51	17.59	1.86	48.03	13.48	33.98	13.27	257.06	32.95	3.48	89.99	
31/07/2024 08:35	17.76	7.25	140.02	13.52	17.8	2.38	53.83	13.49	33.44	13.66	263.73	33.38	4.46	101.01	
31/07/2024 08:40	17.44	7.11	139.22	13.52	17.42	1.78	48.42	13.49	32.85	13.4	262.28	32.66	3.34	90.79	
31/07/2024 08:45	17.9	7.03	134.73	13.51	17.81	2.08	49.51	13.49	33.68	13.23	253.48	33.41	3.9	92.86	
31/07/2024 08:50	17.79	7.18	139.73	13.52	18.03	2.51	52.95	13.49	33.52	13.53	263.29	33.84	4.72	99.43	
31/07/2024 08:55	17.98	7.33	139.2	13.53	17.47	1.71	48.2	13.49	33.9	13.82	262.42	32.77	3.21	90.41	
31/07/2024 09:00	18.18	7.19	136.52	13.51	17.87	1.95	48.79	13.49	34.21	13.54	256.93	33.52	3.65	91.49	
31/07/2024 09:05	17.75	6.97	139.33	13.51	18.01	2.18	50.14	13.49	33.39	13.12	262.2	33.78	4.09	94.07	
31/07/2024 09:10	17.81	6.99	139.13	13.52	17.26	1.67	48.77	13.48	33.54	13.16	261.94	32.35	3.14	91.38	
31/07/2024 09:15	17.87	6.97	136.01	13.51	17.3	1.85	50.31	13.48	33.61	13.12	255.84	32.4	3.46	94.23	
31/07/2024 09:20	17.97	7.32	140.29	13.52	17.64	2.26	53	13.48	33.83	13.78	264.06	33.06	4.23	99.33	
31/07/2024 09:25	17.97	7.27	139.83	13.51	17.42	1.61	48.29	13.48	33.82	13.68	263.15	32.62	3.01	90.43	
31/07/2024 09:30	18.21	7.18	136.45	13.51	18.06	2.18	48.44	13.48	34.23	13.5	256.51	33.84	4.09	90.77	
31/07/2024 09:35	17.79	7.09	140.39	13.51	18.3	2.64	52.43	13.49	33.45	13.34	263.92	34.3	4.94	98.3	
31/07/2024 09:40	18.03	7.22	140.45	13.51	17.67	1.75	48.62	13.47	33.9	13.58	264.05	33.04	3.28	90.94	
31/07/2024 09:45	18.1	7.15	137.06	13.49	17.7	1.58	48.64	13.46	33.95	13.41	257.12	33.05	2.95	90.83	
31/07/2024 09:50	18.01	7.15	139.44	13.49	18.03	2.06	51.56	13.46	33.77	13.4	261.47	33.68	3.86	96.34	
31/07/2024 09:55	17.97	7.05	139.77	13.49	17.42	1.54	47.86	13.45	33.69	13.22	262.03	32.5	2.88	89.3	
31/07/2024 10:00	18.3	7.02	134.78	13.47	18.21	2.09	47.95	13.45	34.26	13.14	252.29	33.97	3.9	89.46	
31/07/2024 10:05	18.06	6.79	137.32	13.48	18.41	2.45	51.12	13.45	33.82	12.72	257.16	34.36	4.58	95.45	
31/07/2024 10:10	18.16	6.83	136.98	13.48	18.07	1.92	47.22	13.44	34	12.79	256.55	33.69	3.58	88.01	
31/07/2024 10:15	18.27	6.83	133.82	13.46	17.82	1.52	47.47	13.43	34.16	12.76	250.15	33.16	2.83	88.37	
31/07/2024 10:20	18.37	7.21	138.14	13.47	18.16	2.07	51.46	13.44	34.35	13.48	258.28	33.82	3.87	95.88	
31/07/2024 10:25	18.48	7.22	137.77	13.46	17.82	1.56	47.33	13.43	34.55	13.5	257.53	33.15	2.91	88.03	
31/07/2024 10:30	18.74	7.42	134.44	13.45	18.23	2.08	47.32	13.42	34.99	13.86	250.96	33.89	3.87	88	
31/07/2024 10:35	17.96	6.76	137.71	13.44	18.31	2.35	48.85	13.42	33.47	12.59	256.56	34.03	4.36	90.82	
31/07/2024 10:40	17.61	6.57	136.92	13.44	18.33	2.13	49.33	13.41	32.81	12.23	255.09	34.01	3.95	91.54	
31/07/2024 10:45	18.37	7.06	136.22	13.42	18.58	2.34	48.96	13.4	34.14	13.13	253.18	34.44	4.34	90.75	
31/07/2024 10:50	17.97	6.97	139.5	13.42	18.63	2.71	53.41	13.4	33.41	12.95	259.34	34.53	5.03	99.05	
31/07/2024 10:55	17.94	6.93	138.7	13.43	18.59	2.45	49.8	13.39	33.37	12.88	258.03	34.42	4.53	92.21	
31/07/2024 11:00	18.03	6.77	134.4	13.4	18.47	1.99	49.57	13.38	33.42	12.55	249.15	34.12	3.67	91.57	
31/07/2024 11:05	18.49	7.4	140.23	13.41	18.59	2.47	53.55	13.38	34.3	13.73	260.13	34.36	4.57	99.01	
31/07/2024 11:10	18.42	7.43	139.84	13.41	18.6	2.26	50.34	13.37	34.18	13.78	259.45	34.34	4.18	92.94	
31/07/2024 11:15	18.14	6.91	135.82	13.39	17.39	1.22	51.99	13.36	33.6	12.79	251.54	32.05	2.26	95.83	
31/07/2024 11:20	18.61	7.64	139.52	13.4	17.87	1.95	54.97	13.36	34.49	14.16	258.59	32.95	3.59	101.42	
31/07/2024 11:25	18.64	7.82	140.19	13.4	18.22	1.98	50.43	13.35	34.55	14.49	259.81	33.56	3.64	92.91	
31/07/2024 11:30	18.22	6.97	135.61	13.38	17.51	1.38	50.78	13.35	33.67	12.89	250.63	32.22	2.54	93.45	
31/07/2024 11:35	18.46	7.33	138.9	13.37	17.7	1.69	52.62	13.35	34.1	13.55	256.53	32.57	3.1	96.86	
31/07/2024 11:40	18.19	6.89	138.22	13.37	17.85	1.78	51.05	13.35	33.57	12.72	255.1	32.86	3.29	93.98	
31/07/2024 11:45	18.69	7.56	137.67	13.37	18.17	2.22	52.54	13.35	34.5	13.96	254.25	33.46	4.09	96.74	
31/07/2024 11:50	17.68	7.09	141.92	13.38	18.24	2.46	56.59	13.35	32.67	13.09	262.18	33.6	4.54	104.23	
31/07/2024 11:55	17.38	6.91	142.13	13.38	18.44	2.49	51.54	13.36	32.11	12.77	262.69	34.02	4.59	95.07	
31/07/2024 12:00	18	6.85	137.11	13.38	18.18	2.12	51.12	13.36	33.27	12.65	253.39	33.49	3.9	94.19	
31/07/2024 12:05	18.12	7.44	141.22	13.39	18.35	2.52	54.57	13.36	33.55	13.78	261.51	33.83	4.66	100.65	
31/07/2024 12:10	18.25	7.71	142.23	13.4	17.76	1.83	52.36	13.36	33.8	14.27	263.44	32.77	3.37	96.58	
31/07/2024 12:15	18.53	7.67	138.63	13.39	17.48	1.78	52.91	13.36	34.32	14.2	256.75	32.24	3.29	97.6	
31/07/2024 12:20	17.7	7.11	141.99	13.4	17.69	2.22	56.21	13.37	32.79	13.18	263.11	32.66	4.1	103.8	
31/07/2024 12:25	17.44	6.93	141.89	13.4	17.98	2.24	53.01	13.38	32.32	12.84	263.03	33.24	4.15	98	
31/07/2024 12:30	18.16	7.3	139.59	13.4	17.96	2.34	54.39	13.38	33.65	13.52	258.69	33.2	4.33	100.54	
31/07/2024 12:35	17.92	7.45	143.72	13.41	18.18	2.71	57.23	13.38	33.26	13.83	266.79	33.63	5.01	105.87	
31/07/2024 12:40	17.95	7.52	142.67	13.42	17.81	2.02	53.31	13.38	33.35	13.97	265.03	32.91	3.74	98.53	
31/07/2024 12:45	18.3	7.64	140.04	13.4	17.05	1.35	51.95	13.37	33.93	14.17	259.71	31.46	2.5	95.87	
31/07/2024 12:50	17.97	7.67	143.98	13.41	17.42	1.91	55.55	13.37	33.32	14.22	267.04	32.18	3.53	102.61	
31/07/2024 12:55	17.72	7.43	143.63	13.4	17.73	1.89	53.09	13.37	32.85	13.77	266.3	32.73	3.48	98.04	
31/07/2024 13:00	18.47	7.79	140.62	13.4	18.02	2.18	52.94	13.37	34.23	14.45	260.61	33.26	4.02	97.72	
31/07/2024 13:05	17.82	7.19	143.72	13.4	18.14	2.57	57.37	13.37	33	13.33	266.23	33.49	4.76	105.98	
31/07/2024 13:10	17.86	7.19	143.38	13.4	18.45	2.37	51.56	13.37	33.09	13.32	265.67	34.06	4.37	95.18	
31/07/2024 13:15	17.9	7.04	139.8	13.38	18.66	2.67	53.68	13.37	33.1	13.02	258.52	34.43	4.92	99.04	
31/07/2024 13:20	17.91	7.4	143.26	13.39	18.73	2.89	55.95	13.37	33.15	13.69	265.17	34.56	5.34	103.26	
31/07/2024 13:25	18.08	7.44	142.5	13.39	18.98	2.6	51.57	13.36	33.48	13.78	263.88	34.99	4.79	95.05	
31/07/2024 13:30	17.86	6.7	137.58	13.37	17.41	1.36	51.25	13.34	32.97	12.38	254.01	32.01	2.49	94.2	
31/07/2024 13:35	18.34	7.66	142.77	13.38	17.77	1.99	55.31	13.34	33.9	14.15	263.88	32.69	3.66	101.78	
31/07/2024 13:40	18.39	7.72	142.19	13.38	18	1.91	52.18	13.34	33.99	14.27	262.81	33.11	3.52	95.98	
31/07/2024 13:45	18.6	7.84	140.29	13.38	17.85	1.84	52.17	13.35	34.38	14.49	259.3	32.83	3.39	95.99	
31/07/2024 13:50	17.74	7.19	143.04	13.38	17.97	2.12	55.57	13.35	32.79	13.29	264.45	33.08	3.9	102.35	
31/07/2024 13:55	17.33	6.78	142.42	13.38	17.79	1.87	52.21	13.36	32.04	12.55	263.35	32.79	3.46	96.25	
31/07/2024 14:00															



Date & Time	stack1 NO	stack1 SO	stack1 CO	stack1 O <sub>2</sub>	stack2 NO	stack2 SO	stack2 CO	stack2 O <sub>2</sub>	ck1 NOx	ck1 SO <sub>2</sub>	ck1 CO	ck2 NOx	ck2 SO <sub>2</sub>	ck2 CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
31/07/2024 15:35	17.91	7.34	143.9	13.4	17.36	2.19	59.31	13.38	33.21	13.61	266.79	32.07	4.05	109.6	
31/07/2024 15:40	17.7	7.11	144.23	13.4	17.45	1.74	52.84	13.38	32.81	13.18	267.31	32.24	3.21	97.61	
31/07/2024 15:45	18.27	7.42	139	13.4	18.12	2.24	52.63	13.37	33.85	13.75	257.54	33.45	4.14	97.18	
31/07/2024 15:50	17.68	7.3	142.28	13.41	18.26	2.62	56.03	13.38	32.79	13.55	263.94	33.75	4.85	103.57	
31/07/2024 15:55	17.52	7.25	140.55	13.41	17.76	1.83	52.46	13.38	32.5	13.46	260.75	32.81	3.39	96.9	
31/07/2024 16:00	18.19	7.46	138.99	13.4	16.97	1.29	53.53	13.37	33.72	13.84	257.76	31.33	2.39	98.83	
31/07/2024 16:05	18.2	7.48	142.38	13.4	17.5	1.93	56.61	13.38	33.75	13.87	264.04	32.34	3.56	104.6	
31/07/2024 16:10	18.13	7.32	142.42	13.4	17.74	1.78	51.87	13.37	33.61	13.56	264.07	32.76	3.3	95.81	
31/07/2024 16:15	18.41	7.49	138.42	13.41	17.83	2.15	53.1	13.38	34.15	13.9	256.85	32.96	3.98	98.14	
31/07/2024 16:20	17.75	7.16	142.36	13.42	18.07	2.66	57.38	13.39	32.98	13.31	264.44	33.43	4.92	106.2	
31/07/2024 16:25	17.69	7.3	142.34	13.42	17.87	1.95	51.69	13.39	32.88	13.57	264.58	33.07	3.6	95.64	
31/07/2024 16:30	18.14	7.2	138.19	13.41	17.17	1.45	51.54	13.38	33.67	13.37	256.5	31.73	2.68	95.23	
31/07/2024 16:35	18.22	7.3	140.94	13.42	17.57	1.88	55.77	13.38	33.86	13.56	261.87	32.49	3.47	103.18	
31/07/2024 16:40	18.28	7.16	139.53	13.42	17.82	1.82	51.52	13.39	33.97	13.31	259.3	32.98	3.38	95.36	
31/07/2024 16:45	18.4	7.25	136.79	13.42	17.93	1.87	52	13.39	34.19	13.46	254.14	33.2	3.47	96.29	
31/07/2024 16:50	17.81	6.97	140.19	13.43	18.13	2.26	53.55	13.4	33.13	12.97	260.78	33.6	4.2	99.26	
31/07/2024 16:55	17.72	7.02	139.05	13.43	18.2	2.15	51.21	13.4	32.98	13.07	258.83	33.75	3.98	94.94	
31/07/2024 17:00	18.12	7.08	137.74	13.42	17.47	1.51	51.8	13.39	33.67	13.17	256.03	32.35	2.8	95.9	
31/07/2024 17:05	18.13	6.94	141.2	13.39	17.8	2.09	56.24	13.4	33.55	12.84	261.34	32.97	3.87	104.18	
31/07/2024 17:10	18.28	6.96	141.06	13.39	17.68	1.79	51.62	13.4	33.83	12.87	261.06	32.76	3.32	95.66	
31/07/2024 17:15	18.43	7.13	136.67	13.39	18.36	2.31	51.23	13.4	34.11	13.19	252.91	34.03	4.28	94.95	
31/07/2024 17:20	17.85	6.62	141.09	13.39	18.53	2.62	53.88	13.4	33.06	12.25	261.26	34.36	4.87	99.91	
31/07/2024 17:25	18.05	6.74	141.64	13.39	17.84	1.93	51.92	13.41	33.42	12.48	262.29	33.1	3.58	96.33	
31/07/2024 17:30	18.18	6.74	135.75	13.4	17.12	1.48	52.05	13.4	33.69	12.49	251.62	31.72	2.74	96.44	
31/07/2024 17:35	18.18	7.34	141.22	13.43	17.67	1.98	53.88	13.4	33.83	13.66	262.81	32.73	3.66	99.84	
31/07/2024 17:40	18.34	7.25	140.69	13.43	17.76	1.43	46.25	13.38	34.13	13.49	261.72	32.81	2.64	85.46	
31/07/2024 17:45	18.19	7.29	140.91	13.43	18	1.48	46.89	13.38	33.86	13.57	262.29	33.27	2.74	86.65	
31/07/2024 17:50	17.83	7.26	142.34	13.45	18.24	2.17	52.25	13.39	33.26	13.55	265.44	33.75	4.03	96.77	
31/07/2024 17:55	18.22	7.39	142.36	13.45	17.79	1.51	46.93	13.39	33.99	13.8	265.61	32.92	2.79	86.85	
31/07/2024 18:00	18.23	7.36	138.95	13.45	17.79	1.42	46.4	13.39	34.01	13.73	259.18	32.9	2.63	85.84	
31/07/2024 18:05	17.93	7.34	142.13	13.45	17.91	1.99	51.79	13.4	33.48	13.7	265.32	33.2	3.69	96.07	
31/07/2024 18:10	17.86	7.19	141	13.45	17.44	1.85	52.85	13.43	33.34	13.42	263.18	32.45	3.44	98.35	
31/07/2024 18:15	18.18	7.38	139.01	13.46	17.79	2.28	53.49	13.44	33.94	13.78	259.57	33.13	4.25	99.62	
31/07/2024 18:20	17.85	7.43	143.19	13.47	18.01	2.71	57.49	13.44	33.37	13.89	267.72	33.57	5.05	107.17	
31/07/2024 18:25	17.94	7.54	142.09	13.47	17.5	1.94	53.57	13.44	33.56	14.1	265.84	32.59	3.62	99.79	
31/07/2024 18:30	18	7.38	139.34	13.46	16.73	1.36	52.71	13.43	33.66	13.8	260.5	31.15	2.53	98.1	
31/07/2024 18:35	17.95	7.49	143.26	13.46	17.17	1.95	56.07	13.44	33.56	14.01	267.82	31.98	3.64	104.44	
31/07/2024 18:40	17.94	7.36	142.59	13.46	17.55	1.97	53.25	13.43	33.53	13.76	266.55	32.68	3.67	99.15	
31/07/2024 18:45	18.06	7.23	138.01	13.46	17.62	2	53.75	13.43	33.72	13.5	257.72	32.79	3.71	100.01	
31/07/2024 18:50	17.75	7.52	143.79	13.46	17.91	2.45	56.8	13.44	33.18	14.06	268.81	33.35	4.57	105.79	
31/07/2024 18:55	17.98	7.61	143.41	13.47	17.34	1.93	54.25	13.44	33.63	14.23	268.13	32.3	3.6	101.07	
31/07/2024 19:00	18.12	7.74	141.37	13.47	17.55	2.15	54.39	13.44	33.9	14.49	264.52	32.72	4.01	101.38	
31/07/2024 19:05	17.89	7.53	144.46	13.48	17.84	2.54	57.51	13.45	33.49	14.11	270.47	33.29	4.74	107.31	
31/07/2024 19:10	17.92	7.54	144.41	13.48	17.54	2.16	53.78	13.45	33.55	14.11	270.34	32.71	4.02	100.32	
31/07/2024 19:15	18.02	7.54	141.33	13.47	17.47	1.93	53.67	13.44	33.71	14.11	264.36	32.56	3.59	99.99	
31/07/2024 19:20	17.86	7.81	144.55	13.48	17.76	2.41	57.13	13.45	33.46	14.63	270.73	33.12	4.5	106.54	
31/07/2024 19:25	17.98	7.86	143.81	13.48	17.27	1.88	54.33	13.45	33.69	14.73	269.39	32.22	3.52	101.36	
31/07/2024 19:30	18.11	7.79	140.01	13.48	17.46	2.18	54.15	13.45	33.91	14.6	262.15	32.56	4.06	100.99	
31/07/2024 19:35	17.59	7.58	145.09	13.48	17.78	2.75	58.03	13.45	32.95	14.19	271.76	33.19	5.14	108.35	
31/07/2024 19:40	17.63	7.63	144.66	13.48	17.7	2.3	55.09	13.45	33.01	14.29	270.92	33.03	4.29	102.82	
31/07/2024 19:45	17.82	7.49	141.14	13.47	17.24	1.7	54.4	13.44	33.36	14.01	264.19	32.13	3.16	101.39	
31/07/2024 19:50	17.78	7.78	145.26	13.49	17.54	2.23	57.52	13.45	33.35	14.59	272.48	32.73	4.17	107.37	
31/07/2024 19:55	17.75	7.82	146.02	13.49	17.42	2.16	54.55	13.47	33.31	14.67	273.98	32.57	4.03	101.98	
31/07/2024 20:00	17.85	7.56	141.42	13.49	17.37	2.11	55.18	13.46	33.46	14.18	265.15	32.46	3.94	103.11	
31/07/2024 20:05	17.49	7.76	145.14	13.49	17.64	2.64	59.72	13.47	32.81	14.57	272.33	32.97	4.94	111.68	
31/07/2024 20:10	17.44	7.94	145.27	13.5	17.22	1.87	53.31	13.46	32.73	14.91	272.69	32.15	3.49	99.55	
31/07/2024 20:15	17.97	7.75	142.41	13.49	17.65	2.21	53.8	13.46	33.71	14.53	267.1	32.96	4.13	100.49	
31/07/2024 20:20	17.79	7.72	144.8	13.5	17.91	2.57	54.85	13.47	33.4	14.5	271.88	33.48	4.81	102.55	
31/07/2024 20:25	17.97	7.63	144.53	13.5	17.23	1.93	53.48	13.47	33.74	14.33	271.43	32.22	3.61	100.01	
31/07/2024 20:30	18.06	7.34	139.26	13.49	17.8	2.25	53.33	13.47	33.88	13.78	261.3	33.3	4.21	99.75	
31/07/2024 20:35	17.88	7.64	143.85	13.5	17.97	2.78	58.27	13.48	33.6	14.35	270.31	33.65	5.2	109.13	
31/07/2024 20:40	18.05	7.77	144.34	13.5	17.32	1.95	53.51	13.47	33.91	14.6	271.25	32.42	3.64	100.15	
31/07/2024 20:45	18.1	7.58	139.91	13.49	17.66	2.27	53.61	13.47	33.96	14.23	262.46	33.05	4.24	100.31	
31/07/2024 20:50	17.55	7.63	145.06	13.49	17.89	2.65	56.9	13.47	32.93	14.32	272.17	33.48	4.96	106.51	
31/07/2024 20:55	17.53	7.8	146.58	13.5	17.08	1.92	53.41	13.46	32.91	14.64	275.15	31.91	3.58	99.82	
31/07/2024 21:00	17.83	7.43	138.92	13.48	16.97	1.95	53.88	13.46	33.42	13.93	260.46	31.7	3.65	100.63	
31/07/2024 21:05	17.87	7.81	144.32	13.49	17.35	2.41	57.05	13.46	33.53	14.65	270.76	32.42	4.51	106.64	
31/07/2024 21:10	17.91	7.72	143.56	13.49	17.1	1.99	54.5	13.47	33.6	14.49	269.38	31.97	3.72	101.9	
31/07/2024 21:15	17.83	7.69	141.5	13.49	17.97	2.57	53.66	13.47	33.46	14.43	265.49	33.63	4.81	100.4	
31/07/2024 21:20	17.59	7.7	144.54	13.5	18.19	2.98	56.86	13.47	33.03	14.46	271.37	34.04	5.58	106.45	
31/07/2024 21:25	17.78	7.8	143.95	13.5	17.11	2	54.21	13.46	33.39	14.65	270.28	31.98	3.74	101.32	
31/07/2024 21:30	17.77	7.67	141.6	13.49	17.31	2.09	54.66	13.46	33.32	14.38	265.51	32.34	3.91	102.09	
3															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
31/07/2024 23:10	17.94	7.83	145.09	13.5	17.03	1.97	54.13	13.46	33.69	14.71	272.54	31.83	3.69	101.18	
31/07/2024 23:15	17.9	7.74	141.86	13.49	17.78	2.71	54.57	13.46	33.58	14.52	266.07	33.23	5.06	102.01	
31/07/2024 23:20	17.62	7.77	145.52	13.49	17.97	3.09	57.7	13.47	33.05	14.57	273.03	33.61	5.77	107.95	
31/07/2024 23:25	17.83	8	145.94	13.5	17.06	2	53.89	13.46	33.47	15.03	274.01	31.88	3.74	100.72	
31/07/2024 23:30	17.81	7.6	140.16	13.49	16.93	2.06	54.89	13.46	33.39	14.26	262.77	31.63	3.85	102.54	
31/07/2024 23:35	17.68	7.78	144.89	13.49	17.29	2.5	56.3	13.46	33.16	14.59	271.79	32.32	4.68	105.25	
31/07/2024 23:40	17.77	7.86	146.02	13.49	17.13	2.07	53.45	13.47	33.32	14.75	273.87	32.03	3.88	99.93	
31/07/2024 23:45	17.7	7.6	141.55	13.49	17.4	2.23	54.09	13.47	33.18	14.25	265.38	32.53	4.17	101.14	
31/07/2024 23:50	17.7	7.79	144.44	13.49	17.59	2.57	59.68	13.47	33.21	14.62	271.06	32.9	4.81	111.65	
31/07/2024 23:55	17.78	7.72	144.16	13.49	16.91	1.88	52.86	13.46	33.36	14.49	270.49	31.61	3.52	98.82	
Minimum	8.43	3.92	99.98	13.37	11.68	0	13.08	13.34	17.4	8.48	231.34	23.58	0	28.39	
MinDate	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17	07/2024 17:25
Maximum	19.45	8.96	152.69	15.91	18.98	5.04	103.84	14.97	47.82	18.25	315.05	38.56	10.24	210.89	
MaxDate	07/2024 00	07/2024 00	07/2024 00	07/2024 17	07/2024 17	07/2024 20	07/2024 17	07/2024 00	07/2024 00	07/2024 19	07/2024 07	07/2024 07	07/2024 20	07/2024 17	07/2024 17:05
Avg	19.02	6.73	129.74	14.92	16.24	1.49	31.42	14.42	44.75	15.64	302.5	34.91	3.17	66.23	
Num	8532	8532	8532	8532	8532	8532	8532	8532	8532	8532	8532	8532	8532	8532	
Data[%]	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
STD	0.7	0.7	8.9	0.6	0.8	0.7	15.3	0.4	5.5	0.6	10	1.7	1.3	28.5	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
01/08/2024 00:00	17.82	7.6	140.77	13.49	17.02	2.07	53.46	13.47	33.43	14.26	264.13	31.83	3.88	99.99	
01/08/2024 00:05	17.53	7.71	145.17	13.5	17.38	2.56	57.29	13.47	32.94	14.48	272.7	32.54	4.79	107.25	
01/08/2024 00:10	17.69	7.83	145.56	13.5	17.05	2.04	53.38	13.47	33.23	14.71	273.48	31.89	3.81	99.87	
01/08/2024 00:15	17.67	7.62	141.61	13.5	16.97	2.29	53.22	13.47	33.18	14.31	265.95	31.76	4.28	99.61	
01/08/2024 00:20	17.45	7.66	144.76	13.5	17.21	2.74	57.74	13.48	32.8	14.39	272.08	32.23	5.14	108.18	
01/08/2024 00:25	17.59	7.64	144.31	13.51	17.02	2.18	54.1	13.48	33.08	14.37	271.36	31.88	4.08	101.35	
01/08/2024 00:30	17.47	7.5	140.81	13.5	17.29	2.37	54.8	13.48	32.83	14.09	264.58	32.39	4.44	102.66	
01/08/2024 00:35	17.58	7.79	144.1	13.51	17.53	2.71	57.97	13.48	33.06	14.66	270.98	32.86	5.08	108.66	
01/08/2024 00:40	17.78	7.79	144.13	13.51	16.76	1.82	53.6	13.48	33.45	14.65	271.12	31.39	3.4	100.36	
01/08/2024 00:45	17.81	7.78	141.73	13.5	17.61	2.72	53.68	13.48	33.47	14.62	266.38	33	5.09	100.56	
01/08/2024 00:50	17.53	7.71	144.76	13.51	17.82	3.05	57.26	13.48	32.95	14.5	272.1	33.4	5.71	107.34	
01/08/2024 00:55	17.48	7.72	143.78	13.51	17.29	2.15	52.25	13.47	32.87	14.52	270.3	32.36	4.03	97.78	
01/08/2024 01:00	17.67	7.57	140.1	13.5	17.34	2.32	53.99	13.48	33.18	14.22	263.14	32.48	4.35	101.1	
01/08/2024 01:05	17.62	7.85	144.94	13.51	17.62	2.75	56.78	13.48	33.14	14.76	272.56	33.02	5.16	106.41	
01/08/2024 01:10	17.61	7.72	144.56	13.51	17.08	2.12	53.33	13.47	33.12	14.52	271.89	31.97	3.96	99.81	
01/08/2024 01:15	17.65	7.55	140.64	13.5	17.42	2.45	53.88	13.48	33.16	14.19	264.18	32.62	4.58	100.86	
01/08/2024 01:20	17.74	7.9	144.97	13.51	17.63	2.77	59.37	13.48	33.36	14.86	272.66	33.04	5.19	111.23	
01/08/2024 01:25	17.83	7.97	144.77	13.51	16.98	2	52.81	13.48	33.54	15	272.38	31.82	3.75	98.94	
01/08/2024 01:30	17.84	7.59	141.01	13.51	17.53	2.42	52.12	13.49	33.55	14.27	265.16	32.86	4.55	97.73	
01/08/2024 01:35	17.57	7.82	145.67	13.52	17.62	2.76	56.21	13.49	33.08	14.72	274.28	33.06	5.18	105.49	
01/08/2024 01:40	17.77	7.89	146.17	13.52	16.77	1.99	53.97	13.48	33.47	14.87	275.38	31.43	3.73	101.14	
01/08/2024 01:45	17.69	7.71	141.14	13.51	17.16	2.28	53.76	13.48	33.26	14.51	265.38	32.15	4.27	100.68	
01/08/2024 01:50	17.57	7.71	143.78	13.51	17.45	2.64	56.3	13.48	33.05	14.5	270.43	32.7	4.94	105.5	
01/08/2024 01:55	17.47	7.71	143.77	13.51	17.15	2.24	52.32	13.48	32.86	14.5	270.45	32.11	4.19	97.99	
01/08/2024 02:00	17.62	7.57	142.14	13.5	17.04	2.19	53.39	13.47	33.1	14.22	266.95	31.88	4.11	99.91	
01/08/2024 02:05	17.67	7.87	144.34	13.51	17.33	2.65	56.37	13.48	33.24	14.8	271.5	32.46	4.96	105.6	
01/08/2024 02:10	17.55	7.82	144.77	13.51	17.18	2.03	51.31	13.48	33.01	14.7	272.33	32.19	3.8	96.11	
01/08/2024 02:15	17.61	7.44	139.93	13.5	17.58	2.29	51.19	13.48	33.08	13.98	262.86	32.93	4.3	95.87	
01/08/2024 02:20	17.74	7.74	143.89	13.51	17.78	2.82	55.48	13.48	33.36	14.54	270.53	33.32	5.29	104.01	
01/08/2024 02:25	17.91	7.89	143.78	13.51	17.07	2.12	52.78	13.48	33.68	14.85	270.48	31.98	3.97	98.86	
01/08/2024 02:30	17.71	7.58	140.13	13.5	16.83	1.94	52.02	13.48	33.27	14.23	263.26	31.52	3.64	97.4	
01/08/2024 02:35	17.64	7.66	143.45	13.5	17.06	2.46	56.86	13.48	33.13	14.39	269.5	31.95	4.61	106.51	
01/08/2024 02:40	17.78	7.5	142.75	13.5	17.14	2.15	52.24	13.47	33.4	14.09	268.14	32.09	4.01	97.77	
01/08/2024 02:45	17.74	7.54	140.4	13.5	17.12	2.08	51.79	13.47	33.32	14.16	263.67	32.03	3.89	96.89	
01/08/2024 02:50	17.72	7.88	144.23	13.51	17.37	2.51	55.79	13.48	33.31	14.81	271.14	32.53	4.71	104.51	
01/08/2024 02:55	17.59	7.85	144.45	13.51	16.9	2.07	52.68	13.48	33.08	14.75	271.57	31.66	3.88	98.69	
01/08/2024 03:00	17.71	7.6	140.72	13.5	17.56	2.5	53.83	13.48	33.26	14.27	264.37	32.91	4.68	100.87	
01/08/2024 03:05	17.51	7.92	144.9	13.51	17.74	2.99	59.11	13.49	32.95	14.9	272.65	33.26	5.61	110.89	
01/08/2024 03:10	17.52	8.11	146.22	13.52	16.87	1.97	52.33	13.48	32.97	15.27	275.24	31.6	3.68	97.99	
01/08/2024 03:15	17.7	7.79	141.39	13.5	17.01	2.45	53.86	13.48	33.26	14.65	265.71	31.86	4.59	100.87	
01/08/2024 03:20	17.67	7.82	145.13	13.51	17.28	2.82	57.95	13.48	33.24	14.71	272.93	32.38	5.29	108.63	
01/08/2024 03:25	17.75	7.86	145.11	13.51	16.96	2.1	53.11	13.48	33.39	14.79	272.97	31.77	3.94	99.46	
01/08/2024 03:30	17.71	7.66	143.06	13.5	17.12	2.33	52.71	13.48	33.28	14.39	268.78	32.05	4.37	98.69	
01/08/2024 03:35	17.74	7.87	144.25	13.5	17.39	2.85	58.71	13.48	33.34	14.79	271.12	32.59	5.35	110.03	
01/08/2024 03:40	17.78	7.79	144.22	13.5	16.98	2.15	53.2	13.48	33.42	14.63	271.07	31.81	4.03	99.64	
01/08/2024 03:45	17.85	7.57	140	13.5	17.61	2.42	52.89	13.48	33.53	14.23	262.99	32.97	4.54	99.06	
01/08/2024 03:50	17.63	7.83	144.43	13.51	17.81	2.89	56.62	13.48	33.18	14.74	271.76	33.38	5.42	106.16	
01/08/2024 03:55	17.78	7.89	144.03	13.52	16.9	2.04	52.97	13.48	33.47	14.86	271.12	31.67	3.82	99.24	
01/08/2024 04:00	17.78	7.76	139.13	13.51	17.21	2.28	52.59	13.48	33.45	14.6	261.69	32.24	4.28	98.51	
01/08/2024 04:05	17.62	7.71	143.77	13.51	17.48	2.66	55.75	13.49	33.16	14.5	270.58	32.78	4.99	104.53	
01/08/2024 04:10	17.7	7.77	143.36	13.52	17.05	2.16	52.72	13.48	33.33	14.63	269.91	31.95	4.05	98.81	
01/08/2024 04:15	17.79	7.54	139.33	13.51	17.26	2.3	53.14	13.48	33.46	14.18	262.06	32.34	4.3	99.57	
01/08/2024 04:20	17.73	7.91	144.5	13.52	17.5	2.68	56.92	13.49	33.38	14.88	272.02	32.81	5.02	106.75	
01/08/2024 04:25	17.86	7.86	144.42	13.51	16.98	2.09	52.43	13.48	33.61	14.8	271.8	31.82	3.92	98.26	
01/08/2024 04:30	17.75	7.54	138.9	13.51	17.71	2.47	52.16	13.48	33.38	14.17	261.12	33.17	4.63	97.71	
01/08/2024 04:35	17.84	7.76	142.64	13.51	17.91	2.86	56.14	13.49	33.57	14.6	268.39	33.57	5.37	105.26	
01/08/2024 04:40	18.03	7.91	143	13.51	16.9	1.99	53.01	13.48	33.93	14.89	269.12	31.67	3.72	99.31	
01/08/2024 04:45	17.94	7.69	138	13.51	17.36	2.51	53.15	13.48	33.74	14.47	259.48	32.53	4.7	99.57	
01/08/2024 04:50	17.59	7.67	142.68	13.51	17.5	2.84	57.33	13.49	33.09	14.42	268.4	32.81	5.32	107.52	
01/08/2024 04:55	17.67	7.71	142.78	13.51	17.05	2.16	53.36	13.48	33.24	14.5	268.59	31.95	4.04	100.01	
01/08/2024 05:00	17.77	7.58	140.99	13.5	17.22	2.23	52.71	13.48	33.39	14.26	265.02	32.27	4.18	98.76	
01/08/2024 05:05	17.72	7.79	143.6	13.51	17.41	2.71	58.77	13.49	33.34	14.66	270.15	32.63	5.09	110.23	
01/08/2024 05:10	17.67	7.71	143.47	13.51	17.03	2.06	52.02	13.48	33.26	14.5	270	31.9	3.86	97.48	
01/08/2024 05:15	17.8	7.65	141.35	13.5	17.45	2.44	52.85	13.48	33.44	14.37	265.61	32.69	4.57	99.03	
01/08/2024 05:20	17.79	7.96	144.45	13.51	17.64	2.79	55.83	13.48	33.47	14.98	271.78	33.06	5.22	104.68	
01/08/2024 05:25	18.05	8.16	145	13.52	16.77	1.97	52.37	13.48	33.98	15.36	273	31.41	3.69	98.07	
01/08/2024 05:30	17.91	7.82	138.37	13.5	17.44	2.41	53.04	13.48	33.67	14.69	260.07	32.68	4.52	99.37	
01/08/2024 05:35	17.79	7.77	144.25	13.5	17.62	2.79	56.53	13.48	33.42	14.61	271.06	33.02	5.24	105.97	
01/08/2024 05:40	17.89	7.89	144.94	13.5	16.95	2.03	52.26	13.47	33.63	14.84	272.42	31.73	3.81	97.79	
01/08/2024 05:45	17.76	7.64	140.77	13.5	17.36	2.24	53.79	13.47	33.36	14.35	264.47	32.48	4.19	100.68	
01/08/2024 05:50	17.74	7.87	144.02	13.51	17.68	2.71	57.28	13.48	33.35	14.79	270.72	33.12	5.08	107.31	
01/08/2024 05:55	17.97	7.8	143.73	13.51	17.15	2.12	52.28	13.48	33.79						



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
01/08/2024 07:25	17.52	7.61	141.3	13.49	17.22	2.2	52.32	13.45	32.84	14.27	264.91	32.15	4.1	97.65	
01/08/2024 07:30	17.72	7.58	137.8	13.47	17.25	2.03	51.08	13.44	33.16	14.19	257.95	32.15	3.78	95.21	
01/08/2024 07:35	17.68	7.78	142.19	13.48	17.57	2.48	54.68	13.45	33.13	14.59	266.41	32.77	4.63	102.01	
01/08/2024 07:40	17.56	7.66	141.3	13.48	16.91	1.98	52.5	13.45	32.91	14.35	264.74	31.54	3.69	97.88	
01/08/2024 07:45	17.77	7.5	136.02	13.47	17.75	2.31	52.11	13.44	33.23	14.02	254.31	33.06	4.31	97.07	
01/08/2024 07:50	17.7	7.73	142.06	13.47	17.92	2.67	58.18	13.44	33.09	14.45	265.6	33.38	4.98	108.44	
01/08/2024 07:55	17.81	7.82	141.81	13.46	17.21	2.04	52.45	13.43	33.3	14.61	265.09	32.02	3.79	97.59	
01/08/2024 08:00	17.82	7.58	139.62	13.45	17.7	2.38	52.97	13.43	33.25	14.14	260.54	32.93	4.44	98.57	
01/08/2024 08:05	17.55	7.67	143.43	13.45	17.82	2.73	56.84	13.43	32.76	14.32	267.79	33.18	5.09	105.83	
01/08/2024 08:10	17.59	7.64	142.42	13.45	17.35	2.13	53.44	13.42	32.84	14.27	265.84	32.22	3.96	99.26	
01/08/2024 08:15	17.84	7.58	139.86	13.44	17.4	2.07	53.64	13.41	33.24	14.12	260.55	32.29	3.83	99.57	
01/08/2024 08:20	17.79	7.75	143.3	13.44	17.67	2.6	58	13.41	33.13	14.43	266.92	32.8	4.83	107.71	
01/08/2024 08:25	17.89	7.69	143.31	13.44	17.51	2.19	52.98	13.41	33.32	14.32	266.88	32.48	4.06	98.27	
01/08/2024 08:30	17.9	7.45	138.85	13.43	18.29	2.44	53.62	13.41	33.31	13.86	258.38	33.92	4.53	99.45	
01/08/2024 08:35	17.76	7.69	142.44	13.44	18.35	2.76	56.49	13.41	33.07	14.32	265.32	34.05	5.11	104.85	
01/08/2024 08:40	17.72	7.83	142.53	13.44	17.4	1.97	52.31	13.41	33.01	14.59	265.54	32.28	3.65	97.05	
01/08/2024 08:45	17.99	7.54	137.54	13.43	17.54	2.26	52.86	13.41	33.47	14.04	255.98	32.54	4.2	98.05	
01/08/2024 08:50	17.62	7.37	141.28	13.43	17.79	2.66	55.92	13.41	32.78	13.71	262.78	33	4.94	103.74	
01/08/2024 08:55	17.69	7.47	141.08	13.43	17.65	2.07	52.1	13.39	32.9	13.9	262.45	32.66	3.84	96.42	
01/08/2024 09:00	17.99	7.09	134.39	13.41	17.76	1.87	51.2	13.38	33.39	13.16	249.45	32.84	3.45	94.68	
01/08/2024 09:05	18.09	7.47	140.16	13.41	18.05	2.34	54.32	13.38	33.55	13.86	260.01	33.38	4.32	100.47	
01/08/2024 09:10	18.25	7.61	140.63	13.41	17.62	1.81	51.55	13.37	33.85	14.12	260.84	32.5	3.34	95.1	
01/08/2024 09:15	18.4	7.59	135.73	13.39	17.69	2.23	52.16	13.37	34.05	14.05	251.24	32.64	4.12	96.24	
01/08/2024 09:20	17.78	7.18	139.92	13.39	18	2.68	55.1	13.37	32.92	13.29	259.02	33.23	4.95	101.74	
01/08/2024 09:25	17.64	7.33	139.38	13.39	18.14	2.24	51.3	13.36	32.67	13.58	258.09	33.43	4.14	94.57	
01/08/2024 09:30	18.02	7.32	136.23	13.38	17.81	1.66	51.82	13.34	33.3	13.52	251.68	32.75	3.05	95.29	
01/08/2024 09:35	18.14	7.48	140.04	13.38	18.12	2.21	54.83	13.35	33.53	13.84	258.87	33.35	4.08	100.92	
01/08/2024 09:40	18.36	7.57	139.5	13.38	17.89	1.97	51.94	13.34	33.94	13.99	257.9	32.92	3.63	95.55	
01/08/2024 09:45	18.47	7.63	138.19	13.37	17.55	1.7	50.89	13.34	34.09	14.09	255.13	32.29	3.12	93.6	
01/08/2024 09:50	17.81	7.13	141.12	13.37	17.83	2.22	54.52	13.35	32.87	13.15	260.41	32.81	4.09	100.34	
01/08/2024 09:55	17.81	7.16	141.67	13.37	18.03	2.05	51.4	13.34	32.88	13.21	261.48	33.14	3.77	94.49	
01/08/2024 10:00	18.23	7.2	137.43	13.36	17.45	1.7	51.27	13.33	33.6	13.26	253.32	32.04	3.12	94.12	
01/08/2024 10:05	18.18	7.49	140.56	13.36	17.81	2.34	55.38	13.33	33.52	13.81	259.17	32.72	4.3	101.77	
01/08/2024 10:10	18.3	7.58	139.78	13.36	17.53	1.7	51.58	13.33	33.73	13.98	257.72	32.18	3.12	94.69	
01/08/2024 10:15	18.49	7.72	138.07	13.36	17.85	2.24	52.21	13.34	34.1	14.24	254.63	32.81	4.11	95.93	
01/08/2024 10:20	17.85	7.22	141.86	13.36	18.03	2.57	55.54	13.34	32.89	13.31	261.48	33.14	4.73	102.09	
01/08/2024 10:25	17.84	7.05	141.97	13.36	17.68	1.96	52.36	13.33	32.89	13	261.7	32.47	3.59	96.14	
01/08/2024 10:30	18.21	7.22	137.8	13.35	18.06	2.3	52.86	13.33	33.51	13.29	253.66	33.15	4.22	97.04	
01/08/2024 10:35	18.12	7.45	141.31	13.36	18.29	2.79	56.62	13.33	33.38	13.73	260.34	33.59	5.12	104.03	
01/08/2024 10:40	18.19	7.54	140.64	13.35	17.62	1.9	52.79	13.32	33.51	13.88	259.09	32.32	3.49	96.85	
01/08/2024 10:45	18.35	7.58	138.34	13.35	17.06	1.58	53.28	13.32	33.78	13.95	254.62	31.27	2.89	97.68	
01/08/2024 10:50	17.85	7.24	141.75	13.35	17.39	2.15	56.96	13.32	32.84	13.33	260.84	31.89	3.94	104.5	
01/08/2024 10:55	17.56	7.02	142.25	13.35	17.88	1.97	52.36	13.32	32.31	12.91	261.73	32.78	3.6	95.99	
01/08/2024 11:00	18.16	7.23	138.65	13.34	18.21	2.3	53.13	13.32	33.38	13.29	254.89	33.37	4.22	97.37	
01/08/2024 11:05	17.95	7.43	141.87	13.35	18.31	2.84	58.83	13.32	33.04	13.68	261.11	33.58	5.21	107.93	
01/08/2024 11:10	17.97	7.55	141.86	13.35	17.62	1.87	54.22	13.31	33.07	13.9	261.12	32.28	3.43	99.35	
01/08/2024 11:15	18.27	7.58	139.61	13.35	17.41	1.77	52.8	13.31	33.62	13.95	256.9	31.89	3.24	96.75	
01/08/2024 11:20	17.63	7.08	142.26	13.36	17.61	2.17	56.19	13.32	32.49	13.04	262.08	32.31	3.99	103.1	
01/08/2024 11:25	17.73	7.11	141.75	13.36	17.66	1.98	53.12	13.33	32.68	13.11	261.24	32.45	3.63	97.56	
01/08/2024 11:30	18.14	7.3	137.53	13.36	17.88	2.04	53.51	13.33	33.43	13.45	253.41	32.82	3.74	98.23	
01/08/2024 11:35	17.98	7.5	142.46	13.37	18.08	2.52	57.56	13.34	33.18	13.84	262.87	33.23	4.63	105.79	
01/08/2024 11:40	18.09	7.5	142.06	13.37	17.18	1.6	52.98	13.34	33.39	13.85	262.2	31.57	2.95	97.37	
01/08/2024 11:45	18.14	7.53	139.74	13.37	17.57	2.08	53.82	13.35	33.5	13.9	258.01	32.33	3.82	99.04	
01/08/2024 11:50	17.63	7.35	142.56	13.38	17.92	2.54	56.96	13.35	32.59	13.59	263.63	33	4.68	104.95	
01/08/2024 11:55	17.72	7.57	142.98	13.39	17.82	2.07	52.39	13.35	32.78	14	264.56	32.83	3.82	96.49	
01/08/2024 12:00	18.06	7.52	138.27	13.38	17.46	1.63	51.72	13.34	33.38	13.89	255.48	32.1	2.99	95.1	
01/08/2024 12:05	17.98	7.54	142.6	13.38	17.72	2.08	55.08	13.35	33.22	13.94	263.52	32.61	3.83	101.36	
01/08/2024 12:10	17.91	7.49	142.64	13.38	17.34	1.68	52.67	13.34	33.08	13.83	263.54	31.9	3.09	96.89	
01/08/2024 12:15	18.47	7.74	139.54	13.36	17.92	2.38	53.08	13.34	34.07	14.27	257.38	32.96	4.38	97.61	
01/08/2024 12:20	17.67	7.31	143.31	13.36	18.03	2.68	56.73	13.34	32.58	13.47	264.2	33.15	4.93	104.36	
01/08/2024 12:25	17.75	7.5	144.28	13.36	17.67	1.99	53.63	13.34	32.74	13.84	266.13	32.48	3.65	98.54	
01/08/2024 12:30	17.97	7.29	139.29	13.35	16.77	1.23	52.73	13.32	33.11	13.44	256.61	30.75	2.26	96.71	
01/08/2024 12:35	17.97	7.71	143.22	13.36	17.33	2.09	58.53	13.33	33.13	14.21	264	31.81	3.84	107.49	
01/08/2024 12:40	18.06	7.8	143.17	13.36	17.5	1.75	54.02	13.32	33.31	14.39	264.03	32.08	3.2	99.03	
01/08/2024 12:45	18.51	7.84	139.5	13.34	17.62	1.89	54.06	13.31	34.04	14.43	256.62	32.29	3.47	99.06	
01/08/2024 12:50	17.73	7.43	143.91	13.33	17.79	2.3	57.6	13.31	32.56	13.65	264.3	32.6	4.22	105.57	
01/08/2024 12:55	17.47	7.16	144.75	13.33	17.75	2.01	53.89	13.31	32.07	13.14	265.72	32.51	3.68	98.68	
01/08/2024 13:00	18.01	7.28	140.19	13.33	18.66	2.42	54.08	13.31	33.04	13.37	257.28	34.15	4.44	98.99	
01/08/2024 13:05	17.83	7.44	142.83	13.33	18.72	2.81	57.18	13.31	32.76	13.68	262.43	34.28	5.15	104.73	
01/08/2024 13:10	17.91	7.6	143.11	13.34	18.36	2.37	53.77	13.3	32.91	13.96	262.98	33.59	4.34	98.39	
01/08/2024 13:15	18.07	7.43	140.01	13.33	17.21	1.28	54.59	13.29	33.18	13.65	257.05	31.44	2.34	99.75	
01/08/2024 13:20	18.28	7.74	142.71	13.33	17.55	1.83	57.6	13.29	33.55	14.21	261.94	32.08	3.34	105.29	
01/08/2024 1															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
01/08/2024 14:50	17.94	7.64	143.05	13.34	17.37	1.82	55.99	13.3	32.99	14.04	262.99	31.79	3.32	102.48	
01/08/2024 14:55	17.86	7.75	143.94	13.34	17.58	1.7	52.25	13.31	32.84	14.26	264.67	32.2	3.12	95.7	
01/08/2024 15:00	18.39	7.64	139.96	13.34	17.76	1.83	51.84	13.31	33.81	14.05	257.3	32.53	3.35	94.95	
01/08/2024 15:05	17.74	7.08	142.13	13.35	18.04	2.44	57.08	13.32	32.65	13.03	261.5	33.07	4.47	104.7	
01/08/2024 15:10	17.84	7.19	142.34	13.35	17.75	1.72	51.26	13.33	32.84	13.24	262.01	32.58	3.16	94.08	
01/08/2024 15:15	18.2	7.26	138.42	13.35	17.32	1.33	50.4	13.32	33.53	13.37	254.99	31.77	2.45	92.47	
01/08/2024 15:20	18.16	7.43	142.15	13.36	17.67	1.97	55.1	13.33	33.5	13.71	262.22	32.44	3.62	101.21	
01/08/2024 15:25	18.34	7.28	142	13.37	17.51	1.73	52.79	13.34	33.85	13.44	262.03	32.19	3.18	97.05	
01/08/2024 15:30	18.43	7.5	138.68	13.37	18.06	2.32	53.36	13.35	34	13.84	255.9	33.22	4.28	98.18	
01/08/2024 15:35	17.76	7.16	142.34	13.37	18.23	2.77	58.73	13.35	32.79	13.22	262.82	33.56	5.11	108.16	
01/08/2024 15:40	17.86	7.25	141.97	13.38	17.67	1.9	52.86	13.35	32.99	13.4	262.24	32.52	3.5	97.28	
01/08/2024 15:45	18.15	7.42	139.61	13.37	17.14	1.49	52.86	13.34	33.53	13.7	257.84	31.51	2.74	97.2	
01/08/2024 15:50	17.91	7.46	143.65	13.39	17.48	2.2	57.74	13.35	33.13	13.79	265.71	32.19	4.05	106.35	
01/08/2024 15:55	17.81	7.36	143.38	13.39	17.45	1.9	53.31	13.37	32.96	13.62	265.28	32.2	3.5	98.35	
01/08/2024 16:00	18.37	7.51	139.61	13.39	18.25	2.57	52.8	13.37	33.97	13.89	258.24	33.68	4.75	97.46	
01/08/2024 16:05	17.64	7.3	142.53	13.39	18.33	2.93	56.39	13.37	32.65	13.52	263.82	33.84	5.41	104.14	
01/08/2024 16:10	17.55	7.47	142.59	13.39	17.64	2	54.09	13.36	32.49	13.84	264.05	32.52	3.68	99.72	
01/08/2024 16:15	18.14	7.6	139.69	13.39	17.5	1.89	54.2	13.36	33.57	14.08	258.55	32.27	3.48	99.93	
01/08/2024 16:20	17.55	7.37	143.96	13.39	17.8	2.38	57.89	13.37	32.5	13.64	266.53	32.85	4.39	106.84	
01/08/2024 16:25	17.47	7.28	143.34	13.39	17.71	2.04	53.33	13.37	32.34	13.49	265.39	32.69	3.76	98.45	
01/08/2024 16:30	18.13	7.34	139.55	13.39	17.67	2	53.54	13.37	33.56	13.58	258.26	32.6	3.69	98.78	
01/08/2024 16:35	17.98	7.52	143.95	13.4	17.96	2.47	56.58	13.37	33.3	13.93	266.66	33.15	4.56	104.47	
01/08/2024 16:40	18.06	7.72	145.03	13.4	17.68	1.99	52.88	13.37	33.46	14.31	268.68	32.62	3.68	97.56	
01/08/2024 16:45	18.17	7.09	138.38	13.37	17.2	1.76	53.49	13.37	33.51	13.08	255.28	31.72	3.24	98.68	
01/08/2024 16:50	17.7	6.82	143.37	13.36	17.47	2.21	56.5	13.37	32.63	12.57	264.21	32.25	4.09	104.29	
01/08/2024 16:55	17.45	6.83	143.53	13.36	17.86	2.12	53.47	13.37	32.19	12.6	264.69	32.98	3.92	98.76	
01/08/2024 17:00	18.13	6.85	139.39	13.36	17.88	2.4	53.27	13.37	33.41	12.63	256.85	33.01	4.43	98.33	
01/08/2024 17:05	18.03	6.76	140.37	13.35	18	2.69	56.51	13.37	33.22	12.45	258.58	33.23	4.96	104.3	
01/08/2024 17:10	18.08	6.85	140.75	13.35	17.33	1.57	52.23	13.37	33.3	12.61	259.29	31.99	2.9	96.39	
01/08/2024 17:15	18.21	7.09	139.28	13.36	17.58	1.99	52.92	13.37	33.55	13.06	256.65	32.46	3.68	97.71	
01/08/2024 17:20	17.77	6.72	142.36	13.36	17.91	2.48	57.28	13.37	32.75	12.38	262.38	33.05	4.57	105.72	
01/08/2024 17:25	17.84	6.93	142.7	13.36	18.02	1.69	46.22	13.34	32.91	12.77	263.16	33.15	3.11	85.01	
01/08/2024 17:30	18.11	7.17	138.69	13.38	17.67	1.31	45.58	13.33	33.49	13.26	256.49	32.44	2.4	83.68	
01/08/2024 17:35	17.93	7.49	143.23	13.4	18.07	1.85	48.6	13.34	33.22	13.87	265.39	33.2	3.41	89.33	
01/08/2024 17:40	17.94	7.43	142.83	13.4	17.46	1.31	46.81	13.34	33.23	13.76	264.6	32.1	2.42	86.05	
01/08/2024 17:45	18.23	7.41	139.18	13.39	18.26	1.85	46.92	13.34	33.75	13.72	257.76	33.57	3.4	86.26	
01/08/2024 17:50	17.83	7.44	143.76	13.4	18.43	2.42	52.1	13.35	33.06	13.8	266.57	33.95	4.46	96.03	
01/08/2024 17:55	18	7.66	143.25	13.41	17.15	1.66	52.9	13.37	33.39	14.21	265.77	31.67	3.06	97.7	
01/08/2024 18:00	18.06	7.55	140.83	13.4	17.17	1.7	53.63	13.37	33.48	14	261.06	31.7	3.13	99.03	
01/08/2024 18:05	17.78	7.55	144.52	13.41	17.38	2.11	57.01	13.38	32.99	14	268.09	32.11	3.9	105.37	
01/08/2024 18:10	17.72	7.47	144.84	13.41	17.23	1.74	53.05	13.38	32.87	13.86	268.72	31.85	3.22	98.06	
01/08/2024 18:15	18.07	7.45	140.78	13.4	17.75	2.16	53.87	13.38	33.5	13.81	261.02	32.81	3.99	99.58	
01/08/2024 18:20	17.88	7.68	145.56	13.42	17.9	2.47	54.98	13.39	33.21	14.27	270.38	33.12	4.56	101.71	
01/08/2024 18:25	18.06	7.86	145.84	13.42	17.06	1.73	53.58	13.39	33.56	14.61	270.97	31.58	3.2	99.16	
01/08/2024 18:30	18.04	7.75	140.83	13.41	17.16	2.02	53.03	13.39	33.5	14.39	261.51	31.76	3.74	98.16	
01/08/2024 18:35	17.63	7.47	145.51	13.42	17.31	2.29	58.36	13.39	32.76	13.88	270.4	32.06	4.24	108.08	
01/08/2024 18:40	17.75	7.46	145.16	13.43	17.35	1.93	54.06	13.4	33.01	13.87	269.92	32.15	3.58	100.15	
01/08/2024 18:45	17.87	7.61	142.64	13.42	17.23	1.96	54.73	13.4	33.22	14.15	265.1	31.92	3.63	101.36	
01/08/2024 18:50	17.78	7.8	145.83	13.42	17.61	2.48	57.9	13.4	33.05	14.49	271.11	32.63	4.6	107.3	
01/08/2024 18:55	17.73	7.72	145.91	13.42	17.24	1.84	54.28	13.39	32.96	14.35	271.2	31.9	3.41	100.42	
01/08/2024 19:00	18.12	7.8	140.66	13.42	17.31	2.15	54.75	13.39	33.66	14.48	261.23	32.04	3.98	101.33	
01/08/2024 19:05	17.81	7.65	146.17	13.42	17.62	2.71	58.54	13.4	33.12	14.22	271.78	32.63	5.03	108.46	
01/08/2024 19:10	18.11	7.69	145.89	13.43	17.4	2.05	53.97	13.39	33.69	14.31	271.4	32.23	3.79	99.95	
01/08/2024 19:15	18.12	7.7	142.59	13.42	17.03	1.83	53.79	13.39	33.66	14.31	264.92	31.51	3.38	99.51	
01/08/2024 19:20	17.93	7.92	146.15	13.42	17.35	2.38	60.09	13.39	33.34	14.73	271.64	32.12	4.4	111.26	
01/08/2024 19:25	17.75	7.93	146.22	13.42	17.34	2.09	54.58	13.39	32.99	14.73	271.78	32.11	3.86	101.06	
01/08/2024 19:30	18.02	7.68	141.31	13.42	17.48	2.2	54.03	13.39	33.47	14.26	262.48	32.36	4.08	99.99	
01/08/2024 19:35	17.68	7.77	146.14	13.43	17.72	2.65	57.63	13.4	32.89	14.45	271.78	32.82	4.92	106.77	
01/08/2024 19:40	17.72	8	146.73	13.43	17.2	2	54.27	13.4	32.97	14.89	273.03	31.87	3.7	100.58	
01/08/2024 19:45	18.07	7.9	142.72	13.43	17.24	2.14	53.75	13.4	33.6	14.7	265.41	31.95	3.96	99.61	
01/08/2024 19:50	17.62	7.74	145.84	13.43	17.62	2.6	57.18	13.4	32.76	14.4	271.26	32.67	4.82	106.04	
01/08/2024 19:55	17.63	7.68	144.97	13.43	17.25	2.09	54.4	13.4	32.78	14.28	269.63	31.98	3.87	100.84	
01/08/2024 20:00	17.97	7.62	142.04	13.43	17.7	2.17	53.7	13.4	33.42	14.16	264.19	32.8	4.02	99.52	
01/08/2024 20:05	18	7.87	145.56	13.43	17.95	2.75	59.38	13.41	33.51	14.64	270.97	33.3	5.11	110.17	
01/08/2024 20:10	18.14	7.89	145.97	13.43	17.22	2	55.13	13.4	33.77	14.7	271.72	31.92	3.71	102.17	
01/08/2024 20:15	18.04	7.92	142.11	13.43	17.52	2.44	56.05	13.4	33.55	14.74	264.39	32.47	4.52	103.9	
01/08/2024 20:20	17.69	7.76	145.22	13.44	17.74	2.83	60.41	13.41	32.95	14.46	270.51	32.92	5.25	112.11	
01/08/2024 20:25	17.8	7.8	145	13.44	17.13	2.14	57.1	13.41	33.17	14.54	270.25	31.8	3.96	105.96	
01/08/2024 20:30	17.85	8.16	142.66	13.43	17.16	2.33	58.73	13.41	33.23	15.2	265.56	31.83	4.32	108.97	
01/08/2024 20:35	17.71	8.17	148.17	13.43	17.44	2.71	59.64	13.41	32.98	15.21	275.88	32.37	5.04	110.71	
01/08/2024 20:40	17.61	8.02	147.72	13.43	17.13	2.18	55.74	13.4	32.79	14.93	275.03	31.77	4.05	103.36	
01/08/2024 20:45	17.78	7.93	143.3	13.43	17.75	2.54	57.63	13.4	33.06	14.76	266.58	32.92	4.71	106.85	
01/08/2024 20:50	17.58	8.24	148.35	13.44											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
01/08/2024 22:15	17.79	7.62	142.35	13.43	16.84	1.92	52.33	13.41	33.11	14.19	265.03	31.24	3.57	97.06	
01/08/2024 22:20	17.72	7.86	144.65	13.44	17.23	2.48	57.32	13.41	32.99	14.63	269.38	31.99	4.61	106.4	
01/08/2024 22:25	17.61	7.72	143.31	13.43	17.03	1.97	53.6	13.41	32.78	14.38	266.77	31.6	3.66	99.48	
01/08/2024 22:30	17.78	7.66	142.47	13.43	17.15	2.08	53.92	13.41	33.1	14.26	265.26	31.83	3.86	100.07	
01/08/2024 22:35	17.8	7.81	144.89	13.44	17.39	2.57	57.64	13.42	33.17	14.56	269.97	32.3	4.77	107.07	
01/08/2024 22:40	17.95	7.99	144.91	13.44	16.88	1.78	53.35	13.41	33.45	14.89	270.02	31.33	3.3	99	
01/08/2024 22:45	17.97	7.78	141.54	13.44	17.42	2.18	53.78	13.41	33.49	14.5	263.76	32.34	4.04	99.86	
01/08/2024 22:50	17.63	7.61	144.6	13.44	17.61	2.48	59.1	13.42	32.87	14.19	269.56	32.72	4.6	109.82	
01/08/2024 22:55	17.8	7.5	142.98	13.44	17.27	2.1	53.42	13.42	33.18	13.99	266.55	32.08	3.9	99.22	
01/08/2024 23:00	17.84	7.55	139.12	13.44	17.49	2.3	53.05	13.41	33.25	14.07	259.22	32.47	4.27	98.48	
01/08/2024 23:05	17.87	7.65	142.53	13.45	17.8	2.71	56.08	13.42	33.33	14.26	265.84	33.07	5.03	104.22	
01/08/2024 23:10	18.05	7.66	142.56	13.45	17.33	2.11	52.61	13.42	33.67	14.29	265.99	32.21	3.92	97.77	
01/08/2024 23:15	17.95	7.38	136.79	13.45	17.81	2.34	52.14	13.42	33.48	13.77	255.13	33.12	4.35	96.94	
01/08/2024 23:20	17.74	7.81	142.98	13.46	17.93	2.82	56.09	13.43	33.14	14.6	267.1	33.37	5.24	104.4	
01/08/2024 23:25	17.91	7.97	142.45	13.46	17.23	2.13	53.13	13.43	33.47	14.9	266.29	32.06	3.96	98.86	
01/08/2024 23:30	18.03	7.72	140.55	13.46	17.42	2.42	53.65	13.43	33.66	14.42	262.44	32.42	4.51	99.82	
01/08/2024 23:35	17.63	7.77	144.41	13.47	17.68	2.86	56.92	13.44	32.97	14.52	270.03	32.93	5.32	106.05	
01/08/2024 23:40	17.56	7.88	143.88	13.47	17.11	2.26	53.85	13.44	32.87	14.75	269.29	31.87	4.21	100.33	
01/08/2024 23:45	17.78	7.78	138.32	13.46	17.16	2.36	53.95	13.44	33.24	14.55	258.59	31.97	4.39	100.53	
01/08/2024 23:50	17.68	8.05	146.41	13.47	17.34	2.74	57.4	13.44	33.08	15.06	273.97	32.34	5.11	107.03	
01/08/2024 23:55	17.67	8	147.27	13.47	17.1	2.32	53.8	13.44	33.08	14.98	275.63	31.85	4.32	100.25	
02/08/2024 00:00	17.8	7.82	142.65	13.46	17.57	2.53	52.64	13.44	33.27	14.61	266.56	32.73	4.72	98.03	
02/08/2024 00:05	17.75	8.15	146.6	13.47	17.76	2.97	56.6	13.44	33.2	15.24	274.28	33.12	5.55	105.54	
02/08/2024 00:10	17.55	8.29	147.39	13.47	17.02	2.21	54.04	13.45	32.84	15.51	275.87	31.74	4.12	100.77	
02/08/2024 00:15	17.7	7.98	143.28	13.47	17.31	2.4	54.81	13.44	33.09	14.93	267.97	32.27	4.47	102.16	
02/08/2024 00:20	17.74	8.06	146.56	13.47	17.61	2.79	57.89	13.45	33.21	15.09	274.32	32.84	5.2	108	
02/08/2024 00:25	18	8.14	146.27	13.48	17.11	2.23	53.86	13.45	33.7	15.25	273.87	31.92	4.15	100.46	
02/08/2024 00:30	18.05	7.59	141.24	13.47	17.3	2.41	54.18	13.45	33.75	14.2	264.16	32.26	4.49	101.07	
02/08/2024 00:35	17.88	7.83	144.36	13.48	17.54	2.77	57.35	13.45	33.48	14.67	270.32	32.73	5.17	107.03	
02/08/2024 00:40	18.08	7.79	144.31	13.48	17.2	2.23	53.29	13.45	33.86	14.58	270.33	32.08	4.17	99.37	
02/08/2024 00:45	17.99	7.56	138.69	13.47	17.48	2.38	52.15	13.44	33.65	14.15	259.45	32.57	4.44	97.19	
02/08/2024 00:50	17.96	7.72	142.41	13.47	17.71	2.75	55.56	13.45	33.6	14.45	266.51	33.03	5.13	103.64	
02/08/2024 00:55	17.98	7.64	142.11	13.47	17.18	2.09	51.96	13.44	33.66	14.31	265.98	32.02	3.89	96.86	
02/08/2024 01:00	18.02	7.64	140.15	13.46	17.8	2.67	53.1	13.44	33.69	14.29	262.01	33.19	4.98	99.01	
02/08/2024 01:05	17.94	7.86	144.16	13.47	18.01	3.03	56.57	13.45	33.59	14.71	269.82	33.61	5.65	105.56	
02/08/2024 01:10	18.19	8.05	144.39	13.48	17.18	2.14	51.75	13.45	34.05	15.07	270.31	32.05	3.99	96.52	
02/08/2024 01:15	18.15	7.74	138.24	13.47	17.3	2.25	52.06	13.45	33.97	14.48	258.71	32.28	4.2	97.13	
02/08/2024 01:20	17.95	7.7	142.5	13.48	17.55	2.72	56.3	13.46	33.63	14.41	266.91	32.77	5.07	105.15	
02/08/2024 01:25	17.95	7.64	142.55	13.48	17.22	2.21	52.53	13.45	33.64	14.32	267.08	32.13	4.12	98	
02/08/2024 01:30	17.84	7.71	139.44	13.48	17.59	2.6	54.6	13.45	33.41	14.44	261.07	32.82	4.84	101.91	
02/08/2024 01:35	17.84	8.08	144.39	13.48	17.73	2.93	57.63	13.46	33.42	15.15	270.48	33.1	5.48	107.63	
02/08/2024 01:40	17.8	8.05	143.8	13.48	16.59	1.98	53.93	13.45	33.34	15.08	269.37	30.96	3.7	100.61	
02/08/2024 01:45	17.89	7.64	139.86	13.48	17.57	2.61	52.56	13.45	33.5	14.32	261.91	32.79	4.88	98.07	
02/08/2024 01:50	17.77	7.87	144.8	13.49	17.76	2.88	57.87	13.46	33.33	14.76	271.54	33.16	5.38	108.07	
02/08/2024 01:55	17.98	7.97	145	13.49	17.2	2.35	54.16	13.46	33.73	14.95	271.96	32.13	4.4	101.19	
02/08/2024 02:00	17.92	7.75	141.22	13.48	17.41	2.6	55.08	13.46	33.57	14.52	264.62	32.52	4.86	102.88	
02/08/2024 02:05	17.87	7.91	143.57	13.48	17.61	2.93	57.91	13.46	33.5	14.82	269.12	32.89	5.48	108.2	
02/08/2024 02:10	17.89	7.89	143.14	13.48	17.14	2.36	54.54	13.45	33.53	14.79	268.25	32	4.4	101.79	
02/08/2024 02:15	17.84	7.64	140.51	13.47	17.27	2.56	53.35	13.45	33.39	14.3	263.01	32.25	4.77	99.59	
02/08/2024 02:20	17.94	8.12	144.78	13.48	17.56	2.91	56.26	13.46	33.62	15.21	271.3	32.79	5.43	105.09	
02/08/2024 02:25	18.16	8.11	144.95	13.49	17.07	2.19	52.91	13.45	34.05	15.21	271.82	31.85	4.09	98.72	
02/08/2024 02:30	18	7.89	140.4	13.48	17.76	2.69	53.69	13.45	33.71	14.77	262.93	33.14	5.03	100.2	
02/08/2024 02:35	18.02	7.91	144.91	13.48	17.92	3.04	57.05	13.46	33.78	14.82	271.59	33.47	5.68	106.57	
02/08/2024 02:40	18.28	8.05	144.47	13.49	17.1	2.22	53.15	13.46	34.27	15.09	270.85	31.94	4.14	99.25	
02/08/2024 02:45	18.04	7.84	141.47	13.48	17.59	2.49	55.15	13.46	33.8	14.68	265	32.85	4.65	102.99	
02/08/2024 02:50	17.73	8.03	145.25	13.49	17.8	2.9	58.29	13.46	33.24	15.05	272.3	33.27	5.41	108.93	
02/08/2024 02:55	17.61	8.13	146.16	13.49	17.14	2.34	54.03	13.46	33.01	15.24	274.02	32	4.37	100.9	
02/08/2024 03:00	17.93	7.82	141.18	13.48	17.59	2.56	53.63	13.46	33.6	14.65	264.53	32.85	4.77	100.18	
02/08/2024 03:05	17.94	8.14	145.51	13.49	17.86	2.88	55.51	13.46	33.64	15.26	272.85	33.37	5.39	103.74	
02/08/2024 03:10	18	8.14	146.97	13.49	17.04	2.23	52.85	13.46	33.75	15.27	275.54	31.83	4.17	98.71	
02/08/2024 03:15	17.92	7.8	141.58	13.48	17.38	2.72	53.93	13.46	33.58	14.61	265.34	32.48	5.08	100.77	
02/08/2024 03:20	17.86	8.08	145.18	13.49	17.53	3.06	57.31	13.46	33.5	15.16	272.29	32.77	5.72	107.15	
02/08/2024 03:25	18.13	8.29	146.47	13.49	16.9	2.22	53.72	13.46	34	15.54	274.72	31.56	4.14	100.31	
02/08/2024 03:30	17.95	7.91	141.72	13.48	17.45	2.55	52.61	13.46	33.62	14.81	265.43	32.58	4.76	98.23	
02/08/2024 03:35	17.82	8.04	145.09	13.48	17.65	2.91	56.22	13.46	33.4	15.06	271.94	32.96	5.44	105.04	
02/08/2024 03:40	18.03	8.11	144.64	13.49	17.03	2.37	54.23	13.45	33.82	15.22	271.29	31.78	4.43	101.2	
02/08/2024 03:45	17.94	7.83	143.09	13.48	17.34	2.55	54.43	13.45	33.6	14.67	267.99	32.36	4.75	101.6	
02/08/2024 03:50	17.91	7.99	144.05	13.49	17.52	2.91	58.28	13.46	33.58	14.99	270.07	32.73	5.44	108.88	
02/08/2024 03:55	18.03	7.96	143.42	13.49	16.95	2.23	53.35	13.45	33.81	14.92	268.89	31.63	4.16	99.56	
02/08/2024 04:00	17.99	7.77	140.9	13.47	17.4	2.58	53.66	13.45	33.67	14.54	263.71	32.46	4.82	100.12	
02/08/2024 04:05	17.83	8.13	144.89	13.48	17.66	2.97	57.15	13.45	33.42	15.24	271.52	32.97	5.55	106.72	
02/08/2024 04:10	17.67	8.18	144.41	13.49	16.83	2.17	53.65	13.45	33.13	15.33	270.74	31.4	4.05	100.11	
02/08/2															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
02/08/2024 05:40	17.94	8.13	144.8	13.49	17.06	2.26	53.11	13.46	33.64	15.25	271.58	31.86	4.22	99.19	
02/08/2024 05:45	18	7.91	138.58	13.48	17.74	2.79	53.71	13.46	33.73	14.83	259.75	33.16	5.22	100.39	
02/08/2024 05:50	18.06	8.06	144.33	13.49	17.9	3.14	57.57	13.47	33.87	15.13	270.77	33.48	5.88	107.69	
02/08/2024 05:55	18.3	8.1	143.8	13.49	17.15	2.33	53	13.46	34.32	15.19	269.76	32.06	4.36	99.05	
02/08/2024 06:00	17.98	7.74	139.89	13.48	17.43	2.58	52.74	13.46	33.69	14.51	262.19	32.56	4.82	98.54	
02/08/2024 06:05	17.96	8.12	143.62	13.49	17.65	2.95	56.52	13.47	33.72	15.25	269.57	33.01	5.52	105.7	
02/08/2024 06:10	18	8.11	143.83	13.5	16.98	2.36	53.81	13.47	33.8	15.23	270.05	31.76	4.42	100.67	
02/08/2024 06:15	17.96	7.82	140.78	13.49	17.51	2.77	54.7	13.47	33.69	14.67	264.18	32.77	5.18	102.35	
02/08/2024 06:20	17.82	8.23	145.12	13.5	17.71	3.05	59.1	13.48	33.49	15.46	272.74	33.16	5.72	110.65	
02/08/2024 06:25	17.75	8.35	145.45	13.5	16.95	2.29	54.3	13.47	33.36	15.69	273.33	31.72	4.29	101.59	
02/08/2024 06:30	17.95	8.05	141.87	13.49	17.4	2.67	55.11	13.47	33.69	15.1	266.27	32.56	5	103.12	
02/08/2024 06:35	17.9	8.14	144.48	13.5	17.56	3	58.49	13.47	33.61	15.28	271.27	32.87	5.61	109.49	
02/08/2024 06:40	17.94	8.21	144.84	13.5	16.91	2.46	55.51	13.47	33.69	15.42	272.07	31.61	4.59	103.8	
02/08/2024 06:45	17.9	7.96	140.14	13.49	17.34	2.65	55.36	13.47	33.57	14.94	262.8	32.43	4.95	103.52	
02/08/2024 06:50	18.06	8.22	144.42	13.49	17.61	3.01	58.8	13.47	33.87	15.41	270.91	32.95	5.64	110	
02/08/2024 06:55	18.11	8.21	144.92	13.49	16.98	2.36	54.38	13.46	33.97	15.39	271.82	31.74	4.41	101.62	
02/08/2024 07:00	18.02	8.12	141.31	13.48	17.7	2.87	54.12	13.46	33.75	15.21	264.73	33.06	5.37	101.09	
02/08/2024 07:05	17.97	8.24	144.52	13.49	17.94	3.25	57.71	13.46	33.71	15.46	271.1	33.52	6.07	107.88	
02/08/2024 07:10	18.03	8.3	143.92	13.5	16.91	2.21	53.63	13.46	33.85	15.58	270.17	31.59	4.13	100.17	
02/08/2024 07:15	18.02	7.92	140.61	13.48	17.5	2.82	54.83	13.46	33.75	14.83	263.41	32.7	5.27	102.48	
02/08/2024 07:20	17.91	8.08	144.2	13.48	17.83	3.31	59.18	13.46	33.57	15.14	270.26	33.33	6.19	110.66	
02/08/2024 07:25	18.14	8.11	143.78	13.48	17.1	2.32	54.15	13.45	34	15.2	269.45	31.93	4.32	101.07	
02/08/2024 07:30	18.04	7.9	137.92	13.47	17.58	2.67	53.14	13.45	33.77	14.8	258.19	32.8	4.99	99.15	
02/08/2024 07:35	17.73	8	144.85	13.48	17.68	2.96	58.99	13.45	33.22	14.98	271.4	33	5.53	110.14	
02/08/2024 07:40	17.92	8	144.13	13.48	16.99	2.23	54.16	13.45	33.58	15	270.04	31.72	4.15	101.09	
02/08/2024 07:45	17.84	7.84	140.99	13.47	17.17	2.45	52.94	13.45	33.39	14.68	263.92	32.03	4.56	98.73	
02/08/2024 07:50	17.8	7.88	144.37	13.48	17.39	2.84	56.93	13.45	33.34	14.75	270.4	32.46	5.29	106.27	
02/08/2024 07:55	17.67	7.77	144.38	13.48	17.05	2.31	53.67	13.45	33.11	14.56	270.51	31.8	4.32	100.11	
02/08/2024 08:00	17.72	7.72	140.74	13.47	17.33	2.46	53.53	13.44	33.14	14.45	263.32	32.31	4.58	99.77	
02/08/2024 08:05	17.93	8.19	145.45	13.48	17.58	2.86	56.08	13.45	33.58	15.33	272.38	32.77	5.34	104.58	
02/08/2024 08:10	18.05	8.19	145.98	13.48	17.24	2.25	53.66	13.44	33.78	15.34	273.29	32.11	4.18	99.93	
02/08/2024 08:15	17.87	7.82	141.5	13.46	17.53	2.78	53.9	13.44	33.4	14.61	264.43	32.65	5.19	100.4	
02/08/2024 08:20	17.62	8.06	145.47	13.47	17.76	3.16	57.53	13.44	32.95	15.07	272.03	33.1	5.89	107.23	
02/08/2024 08:25	17.63	8.16	145.53	13.47	17.08	2.21	54.17	13.43	32.97	15.27	272.27	31.8	4.12	100.85	
02/08/2024 08:30	17.83	7.86	141.15	13.46	17.26	2.5	54.66	13.44	33.32	14.68	263.75	32.14	4.65	101.79	
02/08/2024 08:35	17.71	7.97	145.31	13.47	17.52	2.85	58.72	13.44	33.13	14.92	271.81	32.65	5.3	109.45	
02/08/2024 08:40	17.77	8.02	145.88	13.48	16.96	2.16	54.85	13.43	33.26	15.01	273.09	31.56	4.02	102.08	
02/08/2024 08:45	17.85	7.7	140.17	13.46	17.58	2.49	54.58	13.43	33.32	14.38	261.75	32.72	4.64	101.59	
02/08/2024 08:50	17.8	7.98	144.77	13.45	17.79	2.83	57.91	13.43	33.24	14.91	270.28	33.12	5.28	107.8	
02/08/2024 08:55	17.91	7.89	144.77	13.45	17.11	2.16	54.75	13.42	33.42	14.73	270.16	31.8	4.01	101.79	
02/08/2024 09:00	17.97	7.7	140.78	13.44	17.79	2.51	53.69	13.42	33.5	14.35	262.41	33.05	4.66	99.74	
02/08/2024 09:05	17.55	7.67	143.57	13.45	17.78	2.76	57.24	13.42	32.74	14.3	267.81	33.05	5.13	106.42	
02/08/2024 09:10	17.41	7.63	143.67	13.45	16.69	2	53.57	13.45	32.49	14.24	268.17	31.16	3.73	100.01	
02/08/2024 09:15	17.7	7.52	139.51	13.54	17.49	2.58	54.71	13.51	33.44	14.21	263.56	32.9	4.86	102.89	
02/08/2024 09:20	17.83	7.86	143.35	13.64	17.72	2.88	58.9	13.55	34.14	15.05	274.44	33.52	5.46	111.5	
02/08/2024 09:25	18	7.85	143	13.66	17.11	1.95	54.06	13.65	34.56	15.07	274.52	32.82	3.75	103.71	
02/08/2024 09:30	17.84	7.48	140.2	13.7	17.29	2.1	53.71	13.67	34.43	14.43	270.54	33.26	4.04	103.33	
02/08/2024 09:35	18.1	7.91	143.73	13.74	17.66	2.54	56.04	13.69	35.15	15.35	279.04	34.04	4.9	108.06	
02/08/2024 09:40	18.22	8.04	143.94	13.75	17.34	2.02	53.88	13.72	35.4	15.61	279.64	33.57	3.91	104.34	
02/08/2024 09:45	18.08	7.48	140.83	13.74	18.08	2.71	55.09	13.73	35.13	14.53	273.59	35.05	5.26	106.79	
02/08/2024 09:50	17.93	7.67	143.41	13.76	18.2	3.05	58.54	13.73	34.9	14.93	279.06	35.29	5.92	113.56	
02/08/2024 09:55	18.03	7.66	142.77	13.76	17.34	2.16	54.38	13.73	35.1	14.91	277.91	33.63	4.18	105.48	
02/08/2024 10:00	17.97	7.37	139.51	13.76	17.51	1.99	54.47	13.73	34.98	14.34	271.55	33.95	3.87	105.65	
02/08/2024 10:05	18.08	7.38	142.45	13.76	17.72	2.26	57.56	13.73	35.19	14.37	277.23	34.37	4.38	111.67	
02/08/2024 10:10	18.25	7.3	140.8	13.76	17.18	1.61	52.48	13.72	35.51	14.21	273.96	33.26	3.12	101.62	
02/08/2024 10:15	18.28	7.13	137.94	13.75	17.63	2.19	53.53	13.73	35.53	13.86	268.11	34.16	4.24	103.71	
02/08/2024 10:20	18.17	7.39	140.85	13.75	17.94	2.53	56.78	13.73	35.33	14.37	273.85	34.77	4.9	110.06	
02/08/2024 10:25	18.11	7.39	140.53	13.75	17.37	1.56	53.37	13.71	35.2	14.37	273.14	33.57	3.02	103.18	
02/08/2024 10:30	18.03	6.84	136.54	13.73	18	1.95	53.83	13.71	34.97	13.26	264.81	34.78	3.76	104.03	
02/08/2024 10:35	18.01	7.27	141.08	13.74	18.11	2.3	57.47	13.71	34.97	14.12	273.9	35.03	4.45	111.17	
02/08/2024 10:40	18.11	7.27	140.53	13.74	17.43	1.56	54.08	13.71	35.16	14.11	272.84	33.68	3.02	104.52	
02/08/2024 10:45	18.1	7	137.98	13.72	17.58	1.44	53.52	13.7	35.06	13.56	267.22	33.94	2.78	103.33	
02/08/2024 10:50	18.09	7.13	141.41	13.72	17.79	1.9	56.94	13.7	35.05	13.82	273.96	34.36	3.67	110	
02/08/2024 10:55	18.19	7.28	142.22	13.73	17.36	1.65	53.61	13.71	35.25	14.12	275.64	33.55	3.2	103.59	
02/08/2024 11:00	18.18	7.03	135.95	13.73	17.54	2.09	54.41	13.71	35.23	13.62	263.43	33.92	4.04	105.21	
02/08/2024 11:05	18.11	7.12	141.41	13.73	17.87	2.48	58.18	13.71	35.1	13.8	274.02	34.55	4.8	112.53	
02/08/2024 11:10	18.25	7.19	141.64	13.73	17.43	1.53	53.4	13.7	35.38	13.94	274.58	33.63	2.94	103.06	
02/08/2024 11:15	17.97	6.82	139.3	13.72	16.99	1.43	53.94	13.7	34.77	13.19	269.55	32.77	2.76	104.08	
02/08/2024 11:20	18.09	7.31	142.34	13.73	17.34	1.9	56.92	13.7	35.04	14.16	275.75	33.49	3.66	109.92	
02/08/2024 11:25	18.19	7.38	141.88	13.73	17.33	1.54	53.69	13.7	35.25	14.3	274.97	33.48	2.97	103.72	
02/08/2024 11:30	18.1	6.92	138.49	13.72	17.46	1.76	53.78	13.71	35.02	13.4	268.02	33.74	3.41	103.92	
02/08/2024 11:35	17.87	7.05	142.94	13.72	17.64	2.09	57.65	13.71	34.58	13.64	276.64	34.08	4.03	111.39	
02/08/2024 11:40															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
02/08/2024 13:05	17.83	7.51	146.23	13.74	17.57	2.1	59.08	13.72	34.61	14.58	283.76	34	4.07	114.4	
02/08/2024 13:10	17.83	7.68	146.36	13.74	17.27	1.68	54.24	13.72	34.6	14.9	284.03	33.43	3.25	104.98	
02/08/2024 13:15	17.91	7.26	142.66	13.74	18.07	2.09	54.43	13.73	34.77	14.1	276.96	35.03	4.06	105.5	
02/08/2024 13:20	17.96	7.54	146.97	13.75	18.18	2.38	58.91	13.73	34.91	14.66	285.7	35.24	4.61	114.22	
02/08/2024 13:25	18.03	7.55	146.8	13.75	17.21	1.56	55.34	13.72	35.05	14.68	285.32	33.3	3.02	107.07	
02/08/2024 13:30	17.95	7.25	142.71	13.74	17.49	2.12	55.35	13.72	34.83	14.07	276.92	33.86	4.11	107.17	
02/08/2024 13:35	18.07	7.56	145.65	13.74	17.85	2.49	57.72	13.72	35.11	14.68	282.91	34.58	4.83	111.82	
02/08/2024 13:40	18.33	7.54	145.45	13.75	17.25	1.35	53.62	13.72	35.61	14.64	282.58	33.37	2.62	103.74	
02/08/2024 13:45	17.91	7.1	143.67	13.74	17.25	1.53	53.6	13.71	34.75	13.78	278.76	33.35	2.95	103.66	
02/08/2024 13:50	17.96	7.47	145.32	13.75	17.49	1.96	57.68	13.72	34.9	14.51	282.32	33.85	3.8	111.65	
02/08/2024 13:55	18.02	7.58	146.22	13.75	16.99	1.34	53.31	13.72	35.01	14.73	284.13	32.89	2.6	103.19	
02/08/2024 14:00	17.97	7.11	142.11	13.73	17.75	1.96	53.82	13.72	34.86	13.8	275.71	34.38	3.8	104.24	
02/08/2024 14:05	17.91	7.24	144.17	13.74	17.94	2.3	56.73	13.72	34.75	14.06	279.83	34.74	4.46	109.88	
02/08/2024 14:10	17.94	7.21	142.38	13.74	17.27	1.67	53.39	13.72	34.83	13.99	276.42	33.41	3.24	103.3	
02/08/2024 14:15	17.94	7.09	140.37	13.74	17.01	1.83	55.94	13.72	34.83	13.76	272.47	32.94	3.55	108.33	
02/08/2024 14:20	17.94	7.35	144.48	13.75	17.26	2.14	61.6	13.73	34.85	14.29	280.73	33.43	4.15	119.38	
02/08/2024 14:25	17.95	7.28	143.98	13.75	17.04	1.43	54.79	13.72	34.88	14.15	279.73	32.97	2.77	106	
02/08/2024 14:30	17.91	7.24	142.98	13.74	17.51	1.9	56.43	13.72	34.77	14.06	277.56	33.9	3.67	109.24	
02/08/2024 14:35	18.06	7.59	144.76	13.75	17.88	2.35	58.82	13.73	35.12	14.75	281.53	34.65	4.57	114	
02/08/2024 14:40	18.14	7.57	143.78	13.75	17.35	1.41	50.58	13.73	35.28	14.72	279.64	33.63	2.73	98.04	
02/08/2024 14:45	18	6.81	140.45	13.74	17.56	1.25	50.41	13.72	34.95	13.23	272.75	34	2.42	97.61	
02/08/2024 14:50	17.87	7.16	144.9	13.75	17.66	1.57	55.77	13.72	34.74	13.91	281.67	34.21	3.03	108.04	
02/08/2024 14:55	17.77	7.3	145.73	13.75	17.3	1.6	51.7	13.73	34.54	14.2	283.38	33.52	3.1	100.17	
02/08/2024 15:00	18.02	6.92	141.1	13.75	17.81	2.04	51.75	13.73	35.05	13.47	274.51	34.52	3.95	100.33	
02/08/2024 15:05	18.12	7.13	144.69	13.75	18.08	2.41	55.61	13.73	35.24	13.87	281.41	35.06	4.67	107.86	
02/08/2024 15:10	18.2	7.19	145.45	13.75	17.49	1.53	51.49	13.72	35.41	13.99	282.95	33.86	2.97	99.69	
02/08/2024 15:15	18.04	6.92	140.95	13.75	17.68	1.98	52.28	13.72	35.05	13.46	273.94	34.25	3.83	101.26	
02/08/2024 15:20	18.25	7.17	141.44	13.77	17.94	2.24	54.28	13.73	35.56	13.97	275.57	34.77	4.34	105.27	
02/08/2024 15:25	18.47	7.03	139.86	13.77	17.48	1.49	48.7	13.74	36	13.71	272.61	33.91	2.9	94.51	
02/08/2024 15:30	18.17	6.76	137.97	13.76	18.04	1.98	50.19	13.73	35.36	13.16	268.56	35	3.84	97.36	
02/08/2024 15:35	18.1	7.16	141.34	13.77	18.17	2.3	52.82	13.74	35.27	13.96	275.44	35.28	4.46	102.56	
02/08/2024 15:40	18.39	7.28	141.34	13.77	17.47	1.59	46.43	13.75	35.85	14.2	275.56	33.96	3.08	90.24	
02/08/2024 15:45	18.3	6.44	134.4	13.77	17.99	1.71	44.79	13.75	35.68	12.56	262	34.97	3.33	87.06	
02/08/2024 15:50	18.22	6.57	136.42	13.78	18.13	1.96	47.95	13.75	35.58	12.83	266.45	35.26	3.81	93.28	
02/08/2024 15:55	18.28	6.6	136.39	13.79	17.78	1.45	44.32	13.76	35.73	12.89	266.55	34.61	2.82	86.25	
02/08/2024 16:00	18.33	6.38	133.46	13.78	18.17	1.87	44.48	13.76	35.79	12.47	260.64	35.4	3.65	86.66	
02/08/2024 16:05	18.34	6.62	136.74	13.79	18.3	2.06	47.73	13.77	35.83	12.93	267.16	35.65	4.01	93.01	
02/08/2024 16:10	18.36	6.64	136.34	13.78	17.59	1.26	43.81	13.75	35.86	12.98	266.34	34.23	2.45	85.22	
02/08/2024 16:15	18.27	6.39	132.8	13.78	18.19	1.72	44.05	13.76	35.68	12.48	259.39	35.4	3.35	85.75	
02/08/2024 16:20	18.35	6.67	135.65	13.8	18.35	1.96	47.01	13.76	35.92	13.05	265.5	35.75	3.82	91.59	
02/08/2024 16:25	18.16	6.49	134.73	13.8	17.53	1.09	44.38	13.76	35.54	12.7	263.72	34.12	2.13	86.39	
02/08/2024 16:30	17.93	6.11	132.6	13.78	17.96	1.44	44.34	13.76	35.02	11.95	259.08	34.95	2.8	86.3	
02/08/2024 16:35	18.25	6.73	135.95	13.79	18.27	1.92	48.17	13.76	35.69	13.16	265.92	35.58	3.75	93.84	
02/08/2024 16:40	18.36	6.78	135.5	13.8	17.62	1.28	43.42	13.76	35.92	13.27	265.1	34.31	2.5	84.55	
02/08/2024 16:45	18.11	6.11	130.95	13.78	17.89	1.41	44.46	13.76	35.35	11.94	255.68	34.81	2.75	86.52	
02/08/2024 16:50	18.15	6.54	135.8	13.78	18.12	1.89	50.5	13.76	35.46	12.77	265.29	35.27	3.68	98.33	
02/08/2024 16:55	18.33	6.61	135.89	13.79	17.67	1.29	42.36	13.75	35.81	12.92	265.51	34.33	2.51	82.32	
02/08/2024 17:00	18.04	6.22	131.66	13.78	17.77	1.51	43.06	13.75	35.21	12.14	257	34.56	2.94	83.76	
02/08/2024 17:05	18.26	6.42	134.09	13.78	17.98	1.81	46.09	13.76	35.63	12.53	261.68	34.97	3.52	89.68	
02/08/2024 17:10	18.19	6.33	132.69	13.77	17.66	1.25	42.03	13.74	35.47	12.35	258.8	34.32	2.43	81.65	
02/08/2024 17:15	18.05	6.22	131.3	13.77	18.11	1.62	41.94	13.74	35.21	12.12	256.04	35.17	3.14	81.45	
02/08/2024 17:20	18.09	6.48	133.79	13.77	18.25	1.93	45.45	13.75	35.26	12.63	260.8	35.47	3.75	88.3	
02/08/2024 17:25	17.89	6.08	131.63	13.75	17.82	1.25	41.76	13.75	34.76	11.81	255.72	34.63	2.44	81.13	
02/08/2024 17:30	18.09	5.4	124.24	13.73	18.3	1.58	42.93	13.75	35.06	10.47	240.72	35.55	3.07	83.41	
02/08/2024 17:35	18.4	5.75	126.89	13.73	18.43	2.01	49.01	13.75	35.66	11.15	245.95	35.8	3.9	95.19	
02/08/2024 17:40	18.56	5.8	127.27	13.73	17.82	1.41	42.98	13.74	35.98	11.24	246.71	34.62	2.75	83.48	
02/08/2024 17:45	18.41	5.48	123.05	13.72	18.57	2.07	43.81	13.75	35.65	10.62	238.22	36.1	4.03	85.18	
02/08/2024 17:50	18.09	5.59	125.62	13.72	18.53	2.16	46.63	13.75	35.03	10.82	243.25	36.01	4.2	90.6	
02/08/2024 17:55	17.89	5.64	125.44	13.72	17.24	1.13	37.69	13.71	34.64	10.93	242.85	33.34	2.19	72.89	
02/08/2024 18:00	18.16	6.06	128.79	13.76	17.89	1.55	36.81	13.72	35.34	11.8	250.7	34.61	3	71.21	
02/08/2024 18:05	18.28	6.51	135.05	13.77	18.19	1.86	40.71	13.72	35.67	12.7	263.46	35.2	3.61	78.85	
02/08/2024 18:10	18.33	6.53	135.5	13.78	17.12	0.93	36.77	13.7	35.76	12.75	264.34	33.07	1.8	71.01	
02/08/2024 18:15	18.11	6.22	130.92	13.76	17.65	1.18	36.87	13.7	35.26	12.11	254.95	34.09	2.29	71.2	
02/08/2024 18:20	18.33	6.6	134.71	13.77	17.83	1.48	41.05	13.71	35.72	12.86	262.58	34.48	2.87	79.42	
02/08/2024 18:25	18.41	6.58	134.83	13.77	17.19	0.87	40.68	13.73	35.88	12.83	262.8	33.31	1.69	78.81	
02/08/2024 18:30	18.11	6.19	131.53	13.76	18.55	2.07	42.09	13.73	35.25	12.06	255.99	35.98	4.02	81.64	
02/08/2024 18:35	18.03	6.71	135.14	13.77	18.55	2.24	46.08	13.74	35.14	13.07	263.3	36.01	4.35	89.47	
02/08/2024 18:40	18.19	6.78	135.25	13.77	17.17	0.98	41.8	13.73	35.46	13.23	263.68	33.29	1.9	81.04	
02/08/2024 18:45	17.98	6.21	131.52	13.76	17.64	1.43	41.97	13.73	34.99	12.08	255.98	34.21	2.78	81.38	
02/08/2024 18:50	18.03	6.54	135.18	13.76	17.69	1.68	45.51	13.74	35.12	12.74	263.34	34.32	3.26	88.31	
02/08/2024 18:55	17.95	6.6	135.14	13.77	17.25	1.23	42.47	13.74	34.99	12.86	263.41	33.48	2.38	82.42	
02/08/2024 19:00	18.14	6.39	132.74	13.76	18.13	2.08	43.48	13.74	35.34	12.45					



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
02/08/2024 20:30	18.13	6.54	134.38	13.78	17.8	1.53	43.63	13.75	35.37	12.75	262.2	34.6	2.98	84.8	
02/08/2024 20:35	18.15	6.88	137.53	13.78	18.09	1.96	47.02	13.75	35.43	13.42	268.5	35.19	3.81	91.46	
02/08/2024 20:40	18.3	6.97	136.73	13.78	17.46	1.46	43.25	13.75	35.72	13.61	266.93	33.93	2.83	84.06	
02/08/2024 20:45	18.13	6.52	135.21	13.77	17.59	1.75	44.34	13.75	35.37	12.71	263.67	34.2	3.41	86.24	
02/08/2024 20:50	18.21	6.8	137.66	13.78	17.85	2.15	48.8	13.75	35.55	13.27	268.67	34.72	4.18	94.96	
02/08/2024 20:55	18.33	6.82	137.84	13.78	17.26	1.26	43.52	13.74	35.76	13.3	268.98	33.52	2.46	84.54	
02/08/2024 21:00	18.14	6.47	132.93	13.78	17.69	1.87	44.55	13.75	35.39	12.64	259.4	34.41	3.64	86.65	
02/08/2024 21:05	18.31	6.75	137.03	13.79	17.84	2.09	47.93	13.76	35.78	13.19	267.75	34.71	4.07	93.29	
02/08/2024 21:10	18.39	6.69	136.81	13.78	17.35	1.19	42.71	13.75	35.93	13.07	267.26	33.7	2.31	82.99	
02/08/2024 21:15	18.15	6.49	134.95	13.78	17.72	1.5	43.17	13.75	35.41	12.67	263.29	34.43	2.92	83.87	
02/08/2024 21:20	18.37	6.88	136.93	13.78	18.05	2.02	47.56	13.75	35.88	13.43	267.49	35.11	3.94	92.53	
02/08/2024 21:25	18.23	6.86	136.59	13.78	17.4	1.34	42.63	13.75	35.62	13.41	266.83	33.82	2.6	82.88	
02/08/2024 21:30	18.08	6.39	133.67	13.77	18.28	2.03	42.49	13.75	35.25	12.46	260.69	35.54	3.94	82.61	
02/08/2024 21:35	18.25	6.8	137.73	13.78	18.35	2.14	46.46	13.75	35.63	13.27	268.94	35.7	4.17	90.36	
02/08/2024 21:40	18.55	6.97	138.52	13.79	17.42	1.46	43.05	13.75	36.24	13.62	270.64	33.87	2.84	83.68	
02/08/2024 21:45	18.21	6.44	133.27	13.77	17.99	1.98	43.03	13.75	35.52	12.55	259.95	34.99	3.86	83.7	
02/08/2024 21:50	18.04	6.74	137.3	13.78	18	2.11	46.42	13.76	35.22	13.16	268	35.03	4.11	90.34	
02/08/2024 21:55	17.94	6.8	137.48	13.78	17.21	1.3	43.79	13.75	35.01	13.27	268.33	33.46	2.53	85.12	
02/08/2024 22:00	18.13	6.51	133.8	13.78	17.98	2.15	45.14	13.76	35.37	12.7	261.06	35	4.18	87.84	
02/08/2024 22:05	18.33	6.68	136.79	13.78	18.1	2.35	48.5	13.76	35.77	13.03	266.92	35.23	4.58	94.4	
02/08/2024 22:10	18.31	6.63	136.31	13.78	17.51	1.33	43.66	13.74	35.73	12.93	265.99	34	2.58	84.79	
02/08/2024 22:15	18.16	6.45	132.97	13.77	17.77	1.86	44.01	13.75	35.42	12.58	259.28	34.52	3.62	85.5	
02/08/2024 22:20	18.25	6.84	136.81	13.78	17.95	2.19	47.53	13.75	35.63	13.36	267.08	34.9	4.26	92.43	
02/08/2024 22:25	18.17	6.83	136.31	13.78	17.5	1.33	43.87	13.75	35.47	13.34	266.1	34.02	2.59	85.3	
02/08/2024 22:30	18.16	6.13	130.1	13.77	18.01	1.67	43.33	13.75	35.39	11.95	253.6	35.03	3.25	84.26	
02/08/2024 22:35	18.25	6.7	136.72	13.78	18.11	1.94	46.67	13.76	35.62	13.08	266.88	35.24	3.78	90.83	
02/08/2024 22:40	18.69	7	137.95	13.78	17.52	1.55	43.94	13.75	36.51	13.68	269.48	34.09	3.02	85.48	
02/08/2024 22:45	18.04	6.09	130.94	13.77	17.89	1.71	44.4	13.76	35.2	11.88	255.42	34.81	3.33	86.39	
02/08/2024 22:50	18.06	6.47	135.08	13.78	17.92	1.88	48.02	13.76	35.24	12.63	263.63	34.87	3.66	93.46	
02/08/2024 22:55	18.16	6.49	134.31	13.78	17.18	1.28	43.88	13.75	35.44	12.66	262.2	33.4	2.48	85.29	
02/08/2024 23:00	17.93	6.27	128.94	13.78	18.04	1.68	44.38	13.76	34.99	12.24	251.62	35.13	3.27	86.42	
02/08/2024 23:05	18.12	6.61	134.88	13.78	18.03	1.86	48.98	13.76	35.39	12.91	263.38	35.11	3.62	95.39	
02/08/2024 23:10	18.05	6.55	133.97	13.78	17.09	1.17	43.69	13.75	35.23	12.79	261.53	33.2	2.27	84.89	
02/08/2024 23:15	17.9	6.25	130.31	13.77	18.15	1.77	44.1	13.75	34.91	12.18	254.12	35.27	3.45	85.69	
02/08/2024 23:20	18.17	6.71	134.92	13.78	18.26	2	46.21	13.75	35.49	13.11	263.58	35.49	3.89	89.84	
02/08/2024 23:25	18.09	6.75	134.27	13.78	17.54	1.42	42.88	13.75	35.35	13.19	262.28	34.1	2.77	83.38	
02/08/2024 23:30	18.16	6.21	130.67	13.77	18.05	1.96	44.12	13.75	35.41	12.11	254.85	35.11	3.81	85.83	
02/08/2024 23:35	18.05	6.63	135.67	13.79	18.1	2.32	49.37	13.76	35.28	12.96	265.06	35.24	4.53	96.16	
02/08/2024 23:40	18.02	6.78	136.39	13.79	17.64	1.63	43.25	13.75	35.22	13.27	266.67	34.32	3.17	84.14	
02/08/2024 23:45	18.01	6.27	132.46	13.77	17.76	1.52	42.78	13.75	35.13	12.24	258.43	34.52	2.95	83.13	
02/08/2024 23:50	18.19	6.6	135.64	13.78	17.89	1.85	46.09	13.75	35.51	12.89	264.8	34.77	3.61	89.62	
02/08/2024 23:55	18.33	6.58	134.91	13.78	17.19	1.21	42.92	13.75	35.79	12.85	263.42	33.4	2.35	83.4	
03/08/2024 00:00	18.14	6.28	131.3	13.77	18.06	1.77	42.66	13.75	35.38	12.25	256.18	35.11	3.44	82.93	
03/08/2024 00:05	18.13	6.64	136.38	13.79	18.1	2	47.1	13.76	35.43	12.97	266.57	35.21	3.89	91.67	
03/08/2024 00:10	18.03	6.58	136.55	13.79	17.23	1.22	42.39	13.74	35.24	12.86	266.85	33.47	2.37	82.32	
03/08/2024 00:15	18	6.35	133.33	13.77	17.86	1.58	42.81	13.74	35.11	12.39	260.08	34.7	3.07	83.15	
03/08/2024 00:20	18.2	6.76	136.53	13.78	17.98	1.83	46.2	13.75	35.55	13.21	266.6	34.94	3.56	89.8	
03/08/2024 00:25	18.17	6.75	136.25	13.78	17.39	1.22	43.04	13.74	35.49	13.19	266.1	33.77	2.37	83.61	
03/08/2024 00:30	18.04	6.26	130.27	13.77	17.69	1.73	43.54	13.75	35.18	12.2	254.03	34.37	3.37	84.61	
03/08/2024 00:35	18.21	6.83	136.41	13.78	17.95	2.04	48.75	13.75	35.56	13.33	266.36	34.92	3.97	94.87	
03/08/2024 00:40	18.52	6.88	136.31	13.78	17.48	1.32	42.67	13.75	36.17	13.44	266.28	33.98	2.56	82.92	
03/08/2024 00:45	18.12	6.45	134	13.77	17.87	1.82	44.09	13.75	35.34	12.57	261.33	34.72	3.54	85.68	
03/08/2024 00:50	18.2	6.74	136.21	13.77	18.01	2.13	47.1	13.75	35.5	13.15	265.72	35.02	4.14	91.59	
03/08/2024 00:55	18.19	6.83	136.55	13.78	17.33	1.44	42.64	13.75	35.48	13.33	266.39	33.69	2.8	82.88	
03/08/2024 01:00	18.04	6.22	132.14	13.77	17.63	1.65	42.64	13.75	35.17	12.14	257.68	34.27	3.21	82.88	
03/08/2024 01:05	18.04	6.59	135.31	13.78	17.85	2	48.63	13.75	35.21	12.87	264.19	34.71	3.89	94.59	
03/08/2024 01:10	18	6.53	134.78	13.78	17.16	1.12	42.05	13.74	35.15	12.76	263.23	33.33	2.17	81.66	
03/08/2024 01:15	17.95	6.31	131.73	13.77	17.49	1.58	42.53	13.75	35.02	12.31	257.01	34	3.08	82.66	
03/08/2024 01:20	18.11	6.7	135.49	13.78	17.77	1.94	45.7	13.75	35.38	13.09	264.69	34.56	3.77	88.88	
03/08/2024 01:25	18.11	6.72	136.14	13.79	17.55	1.29	42.43	13.74	35.38	13.13	266	34.09	2.5	82.43	
03/08/2024 01:30	18.02	6.28	131.74	13.77	18.18	1.67	42.74	13.75	35.13	12.24	256.89	35.34	3.25	83.07	
03/08/2024 01:35	18.16	6.73	134.91	13.78	18.19	1.85	45.76	13.75	35.48	13.14	263.53	35.37	3.61	89.02	
03/08/2024 01:40	18.38	6.77	134.36	13.79	17.28	1.22	42.16	13.75	35.91	13.23	262.58	33.58	2.37	81.96	
03/08/2024 01:45	18.25	6.27	131.07	13.77	18.05	1.76	42.73	13.75	35.59	12.23	255.6	35.11	3.43	83.1	
03/08/2024 01:50	18.18	6.57	134.82	13.77	18.21	2.11	47.3	13.75	35.46	12.81	263.02	35.43	4.11	92.03	
03/08/2024 01:55	18.28	6.61	135.38	13.77	17.3	1.39	42.18	13.74	35.66	12.9	264.04	33.6	2.7	81.91	
03/08/2024 02:00	18.06	6.39	131.6	13.77	18	2.11	42.83	13.75	35.24	12.46	256.74	34.99	4.1	83.27	
03/08/2024 02:05	18.26	6.63	135.03	13.78	18.06	2.27	46.7	13.75	35.63	12.94	263.51	35.13	4.42	90.87	
03/08/2024 02:10	18.22	6.55	134.94	13.78	17.32	1.29	42.25	13.74	35.55	12.78	263.3	33.63	2.5	82.05	
03/08/2024 02:15	17.95	6.27	131.61	13.77	17.9	1.8	42.77	13.74	35	12.24	256.67	34.77	3.49	83.06	
03/08/2024 02:20	18.17	6.79	134.86	13.79	17.95	2.06	46.02	13.75	35.51	13.26	263.53	34.89	4.01	89.48	
03/08/2024 02:25	18.17	6.8	134.69	13.79	17.2	1.18	42.25	13.75	35.53	13.3	263.34	33.45	2.3	82.16	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
03/08/2024 03:55	18.22	6.74	135.2	13.78	17.24	1.46	42.26	13.75	35.57	13.15	263.94	33.52	2.83	82.14	
03/08/2024 04:00	18.2	6.55	131.93	13.78	18.15	1.88	42.27	13.76	35.52	12.79	257.49	35.33	3.66	82.29	
03/08/2024 04:05	18.35	6.68	135.3	13.78	18.16	2.07	45.71	13.76	35.84	13.05	264.26	35.37	4.03	89.04	
03/08/2024 04:10	18.25	6.63	134	13.78	17.21	1.33	41.94	13.75	35.65	12.95	261.76	33.47	2.59	81.55	
03/08/2024 04:15	18.17	6.39	131.22	13.78	17.95	1.85	43.07	13.76	35.47	12.48	256.17	34.94	3.6	83.84	
03/08/2024 04:20	18.3	6.74	134.8	13.79	18.02	2.07	46.48	13.76	35.78	13.18	263.57	35.09	4.04	90.54	
03/08/2024 04:25	18.23	6.61	133.95	13.79	17.46	1.41	42.07	13.76	35.65	12.93	261.9	33.98	2.75	81.84	
03/08/2024 04:30	18.04	6.37	131.66	13.78	17.92	1.95	43.39	13.76	35.23	12.44	257.11	34.89	3.8	84.49	
03/08/2024 04:35	18.38	6.88	135.49	13.79	18.04	2.28	47.12	13.77	35.92	13.45	264.87	35.15	4.44	91.84	
03/08/2024 04:40	18.45	6.86	134.78	13.79	17.5	1.45	42.3	13.76	36.08	13.42	263.52	34.06	2.82	82.32	
03/08/2024 04:45	18.19	6.35	131.63	13.78	17.8	1.8	43.43	13.76	35.51	12.39	257.01	34.64	3.5	84.52	
03/08/2024 04:50	18.33	6.82	136.05	13.79	17.94	2.1	47.85	13.76	35.83	13.33	265.94	34.93	4.09	93.2	
03/08/2024 04:55	18.5	6.89	135.7	13.79	17.38	1.54	42.89	13.76	36.17	13.48	265.32	33.84	3	83.53	
03/08/2024 05:00	18.2	6.36	132.21	13.78	17.69	1.57	42.59	13.76	35.54	12.42	258.16	34.43	3.05	82.89	
03/08/2024 05:05	18.18	6.73	135.53	13.79	17.75	1.81	45.95	13.76	35.52	13.14	264.77	34.55	3.53	89.46	
03/08/2024 05:10	18	6.75	134.61	13.79	17.33	1.42	42.24	13.75	35.17	13.2	263.01	33.7	2.76	82.15	
03/08/2024 05:15	18.1	6.34	131.37	13.78	18.17	1.87	42.64	13.75	35.33	12.38	256.41	35.34	3.65	82.95	
03/08/2024 05:20	18.17	6.72	136.19	13.78	18.19	2.04	46.08	13.76	35.49	13.12	266.02	35.4	3.98	89.67	
03/08/2024 05:25	18.3	6.8	136.73	13.78	17.17	1.25	42.29	13.75	35.73	13.28	267.04	33.38	2.43	82.23	
03/08/2024 05:30	18.21	6.4	131.83	13.78	18.01	1.94	43.46	13.76	35.56	12.5	257.38	35.04	3.77	84.56	
03/08/2024 05:35	18.47	6.69	134.32	13.79	18.22	2.17	46.23	13.76	36.13	13.09	262.73	35.48	4.23	90.04	
03/08/2024 05:40	18.63	6.64	134.39	13.8	17.81	1.48	41.36	13.76	36.45	13	262.99	34.67	2.88	80.54	
03/08/2024 05:45	18.38	6.35	130.81	13.79	18.02	1.78	41.24	13.76	35.92	12.41	255.68	35.09	3.46	80.31	
03/08/2024 05:50	18.38	6.98	137.25	13.8	18.19	2.25	46.81	13.77	35.97	13.66	268.68	35.45	4.38	91.29	
03/08/2024 05:55	18.42	7	137.81	13.8	17.87	1.61	42.12	13.77	36.08	13.72	269.92	34.82	3.13	82.08	
03/08/2024 06:00	18.35	6.45	132.89	13.79	18.08	1.91	41.61	13.76	35.88	12.61	259.84	35.22	3.72	81.06	
03/08/2024 06:05	18.39	6.78	135.63	13.79	18.18	2.14	44.73	13.77	35.98	13.26	265.31	35.43	4.17	87.18	
03/08/2024 06:10	18.56	6.78	134.67	13.8	17.72	1.62	40.62	13.77	36.32	13.27	263.48	34.53	3.16	79.14	
03/08/2024 06:15	18.6	6.55	130.34	13.79	17.99	1.98	41.9	13.77	36.37	12.82	254.84	35.08	3.86	81.71	
03/08/2024 06:20	18.69	6.74	134.36	13.8	18.17	2.25	45.45	13.77	36.59	13.2	263	35.45	4.38	88.69	
03/08/2024 06:25	18.72	6.66	133.2	13.8	17.67	1.73	41.54	13.77	36.65	13.04	260.84	34.46	3.37	81.01	
03/08/2024 06:30	18.47	6.47	130.58	13.8	18.23	2.01	41.76	13.78	36.16	12.67	255.66	35.57	3.93	81.49	
03/08/2024 06:35	18.43	6.77	134.9	13.81	18.4	2.22	45.26	13.78	36.13	13.28	264.54	35.92	4.34	88.39	
03/08/2024 06:40	18.41	6.77	134.81	13.81	17.68	1.69	42.06	13.78	36.11	13.28	264.45	34.52	3.29	82.12	
03/08/2024 06:45	18.33	6.46	130.71	13.8	17.82	2.06	42.24	13.78	35.91	12.64	256.02	34.8	4.02	82.48	
03/08/2024 06:50	18.54	6.73	133.8	13.81	17.9	2.26	48.82	13.78	36.35	13.19	262.3	34.97	4.41	95.38	
03/08/2024 06:55	18.75	6.63	132.72	13.81	17.53	1.67	41.74	13.78	36.77	13	260.29	34.23	3.26	81.5	
03/08/2024 07:00	18.64	6.36	130.35	13.8	18.19	2.01	42.2	13.78	36.51	12.47	255.35	35.53	3.94	82.43	
03/08/2024 07:05	18.59	6.71	134.4	13.81	18.25	2.32	46.35	13.79	36.47	13.15	263.62	35.67	4.54	90.62	
03/08/2024 07:10	18.59	6.66	133.22	13.81	17.62	1.59	41.28	13.78	36.47	13.06	261.27	34.41	3.1	80.63	
03/08/2024 07:15	18.33	6.35	130.89	13.81	17.86	1.87	42.35	13.79	35.9	12.45	256.46	34.9	3.66	82.74	
03/08/2024 07:20	18.65	6.66	134.43	13.81	17.93	2.07	45.6	13.79	36.56	13.06	263.51	35.03	4.05	89.12	
03/08/2024 07:25	18.81	6.64	134.47	13.81	17.47	1.48	41.54	13.78	36.9	13.03	263.78	34.08	2.89	81.05	
03/08/2024 07:30	18.47	6.4	132.25	13.8	17.99	1.97	41.21	13.78	36.18	12.53	259.12	35.11	3.84	80.42	
03/08/2024 07:35	18.28	6.72	135.26	13.81	18.1	2.16	44.61	13.78	35.82	13.16	265.05	35.33	4.21	87.08	
03/08/2024 07:40	18.34	6.83	136.14	13.8	17.53	1.53	41.94	13.77	35.92	13.38	266.59	34.2	2.98	81.82	
03/08/2024 07:45	18.27	6.41	131.82	13.8	18.47	1.88	40.67	13.77	35.76	12.56	258.04	36.02	3.67	79.32	
03/08/2024 07:50	18.34	6.68	135.04	13.8	18.6	2.17	44.64	13.78	35.92	13.07	264.43	36.32	4.23	87.15	
03/08/2024 07:55	18.25	6.58	134.42	13.8	17.39	1.47	41.27	13.77	35.74	12.89	263.28	33.89	2.86	80.44	
03/08/2024 08:00	18.34	6.4	132.39	13.79	18.36	2.13	42.05	13.77	35.87	12.52	258.88	35.79	4.15	81.95	
03/08/2024 08:05	18.41	6.66	135.28	13.8	18.52	2.31	45.36	13.77	36.03	13.04	264.68	36.11	4.5	88.44	
03/08/2024 08:10	18.67	6.58	134.94	13.79	17.64	1.4	40.8	13.76	36.52	12.87	263.94	34.34	2.72	79.43	
03/08/2024 08:15	18.41	6.35	131.18	13.79	18.03	1.93	41.6	13.77	35.99	12.41	256.49	35.14	3.76	81.06	
03/08/2024 08:20	18.27	6.67	135.33	13.8	18.2	2.17	45.55	13.77	35.76	13.05	264.83	35.47	4.22	88.81	
03/08/2024 08:25	18.3	6.61	135.86	13.8	17.25	1.27	42.1	13.76	35.81	12.94	265.92	33.57	2.47	81.94	
03/08/2024 08:30	18.03	6.33	133.05	13.78	17.68	1.72	42.55	13.76	35.22	12.37	259.93	34.41	3.34	82.8	
03/08/2024 08:35	18.36	6.7	134.08	13.79	17.78	1.91	45.63	13.76	35.89	13.09	262.13	34.62	3.72	88.85	
03/08/2024 08:40	18.41	6.66	132.66	13.79	17.29	1.13	41.25	13.75	36	13.02	259.42	33.63	2.19	80.2	
03/08/2024 08:45	18.07	6.27	129.52	13.78	17.96	1.6	41.72	13.75	35.29	12.25	252.92	34.92	3.11	81.13	
03/08/2024 08:50	18.35	6.65	134.15	13.79	18.21	1.97	44.79	13.76	35.87	12.99	262.23	35.43	3.84	87.19	
03/08/2024 08:55	18.66	6.66	133.27	13.79	17.63	1.33	40.73	13.75	36.46	13.01	260.44	34.27	2.58	79.19	
03/08/2024 09:00	18.21	6.29	132.44	13.78	17.98	1.69	41.34	13.75	35.53	12.28	258.39	34.95	3.28	80.36	
03/08/2024 09:05	18.29	6.56	133.89	13.78	18.17	2.16	45.59	13.75	35.7	12.79	261.24	35.35	4.2	88.69	
03/08/2024 09:10	18.3	6.61	133.47	13.78	17.61	1.44	41.86	13.75	35.73	12.91	260.61	34.24	2.81	81.36	
03/08/2024 09:15	18.2	6.25	130.75	13.78	17.48	1.6	41.78	13.75	35.52	12.19	255.13	34	3.1	81.25	
03/08/2024 09:20	18.23	6.54	134.69	13.78	17.58	1.78	44.49	13.75	35.57	12.76	262.81	34.18	3.47	86.53	
03/08/2024 09:25	18.47	6.58	134.42	13.77	17.41	1.25	41.45	13.74	36.02	12.84	262.18	33.79	2.43	80.44	
03/08/2024 09:30	18.26	6.27	130.62	13.77	17.85	1.75	41.67	13.74	35.58	12.23	254.6	34.65	3.4	80.9	
03/08/2024 09:35	18.47	6.5	133.94	13.77	18.12	2.03	45.63	13.74	36.03	12.68	261.21	35.2	3.94	88.65	
03/08/2024 09:40	18.73	6.49	133.89	13.77	17.66	1.12	41.43	13.73	36.52	12.65	260.98	34.23	2.17	80.31	
03/08/2024 09:45	18.25	6.22	129.82	13.76	18.14	1.46	41.16	13.72	35.52	12.1	252.63	35.15	2.83	79.73	
03/08/2024 09:50	18.26	6.59	133.69	13.76	18.29	1.78	44.79	13.73	35.57	12.83	260.45	35.45	3.45	86.86	
03/08/2024 09:55	18.22	6.8	133.67	13.77</											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
03/08/2024 11:20	18.36	6.03	132.78	13.71	18.43	1.77	43.06	13.68	35.5	11.66	256.75	35.5	3.42	82.95	
03/08/2024 11:25	18.31	5.96	132.2	13.71	17.51	0.76	41.02	13.67	35.41	11.52	255.67	33.67	1.46	78.88	
03/08/2024 11:30	18.34	5.83	128.83	13.7	17.78	1.44	42.5	13.67	35.4	11.26	248.72	34.18	2.77	81.69	
03/08/2024 11:35	18.28	6.09	131.9	13.71	18.07	1.81	45.47	13.67	35.34	11.77	254.93	34.75	3.49	87.49	
03/08/2024 11:40	18.38	6	130.69	13.71	17.49	0.58	40.98	13.66	35.52	11.6	252.63	33.6	1.11	78.72	
03/08/2024 11:45	18.16	5.62	126.53	13.69	17.56	0.79	40.5	13.66	35	10.84	243.91	33.72	1.52	77.76	
03/08/2024 11:50	18.31	5.99	131.2	13.7	17.81	1.17	43.91	13.66	35.33	11.56	253.2	34.21	2.25	84.38	
03/08/2024 11:55	18.55	6.11	132.05	13.7	17.62	0.79	40.44	13.67	35.81	11.8	254.98	33.85	1.51	77.7	
03/08/2024 12:00	18.57	5.74	129.69	13.69	18.3	1.22	40.64	13.66	35.82	11.06	250.16	35.16	2.35	78.09	
03/08/2024 12:05	18.38	5.69	131.35	13.69	18.57	1.6	43.87	13.67	35.42	10.96	253.09	35.69	3.08	84.31	
03/08/2024 12:10	18.45	5.69	130.66	13.69	17.98	0.93	40.12	13.65	35.56	10.97	251.8	34.49	1.79	76.96	
03/08/2024 12:15	18.38	5.59	127.8	13.68	17.97	0.98	41.75	13.65	35.4	10.76	246.1	34.48	1.87	80.1	
03/08/2024 12:20	18.43	5.94	131.15	13.69	18.26	1.36	44.8	13.66	35.55	11.46	252.92	35.04	2.61	86.03	
03/08/2024 12:25	18.38	5.89	130.59	13.69	18.29	0.98	40.38	13.66	35.44	11.37	251.85	35.09	1.88	77.48	
03/08/2024 12:30	18.46	5.56	126.92	13.67	18.04	0.73	39.78	13.64	35.51	10.69	244.1	34.56	1.4	76.22	
03/08/2024 12:35	18.34	5.7	130.7	13.68	18.24	1.19	43.98	13.65	35.28	10.97	251.48	34.96	2.28	84.34	
03/08/2024 12:40	18.33	5.75	131.55	13.68	17.88	0.94	40.15	13.65	35.28	11.08	253.24	34.26	1.81	76.93	
03/08/2024 12:45	18.45	5.63	128.45	13.67	18.28	1.09	40.07	13.64	35.48	10.83	247	35.02	2.09	76.74	
03/08/2024 12:50	18.42	5.7	131.36	13.67	18.42	1.45	44.2	13.65	35.42	10.96	252.6	35.29	2.79	84.71	
03/08/2024 12:55	18.14	5.77	132.02	13.67	17.63	0.52	40.91	13.63	34.89	11.09	253.87	33.74	1	78.27	
03/08/2024 13:00	18.29	5.48	126.79	13.67	18.26	1.08	39.63	13.64	35.14	10.53	243.66	34.95	2.07	75.87	
03/08/2024 13:05	18.55	5.72	129.36	13.68	18.47	1.38	42.57	13.65	35.71	11.01	249.02	35.38	2.65	81.61	
03/08/2024 13:10	18.83	5.74	129.27	13.68	18.09	0.64	37.29	13.65	36.25	11.05	248.91	34.66	1.22	71.45	
03/08/2024 13:15	18.66	5.17	123.86	13.67	18.8	0.82	37.4	13.64	35.87	9.94	238.12	35.99	1.56	71.59	
03/08/2024 13:20	18.22	5.19	126.44	13.67	18.85	1.18	40.88	13.64	35.02	9.98	243	36.11	2.26	78.32	
03/08/2024 13:25	18.33	5.24	125.92	13.67	18.13	0.67	36.56	13.64	35.22	10.06	242	34.72	1.29	70.02	
03/08/2024 13:30	18.51	5.21	123.14	13.67	18.87	1.24	37.92	13.65	35.58	10.02	236.72	36.16	2.38	72.66	
03/08/2024 13:35	18.67	5.39	126.48	13.68	19.07	1.52	40.89	13.65	35.93	10.38	243.46	36.56	2.91	78.4	
03/08/2024 13:40	18.75	5.38	126.14	13.68	18.21	0.52	36.89	13.64	36.1	10.35	242.89	34.86	0.99	70.62	
03/08/2024 13:45	18.44	5.05	122.72	13.67	17.9	0.42	35.82	13.63	35.43	9.72	235.85	34.23	0.8	68.48	
03/08/2024 13:50	18.5	5.43	126.53	13.68	18.22	0.97	40.65	13.64	35.6	10.45	243.44	34.88	1.87	77.87	
03/08/2024 13:55	18.56	5.5	126.53	13.68	17.94	0.51	36.93	13.65	35.73	10.59	243.54	34.38	0.97	70.78	
03/08/2024 14:00	18.51	4.97	122.15	13.67	18.09	0.45	36.59	13.64	35.59	9.55	234.88	34.65	0.87	70.08	
03/08/2024 14:05	18.28	5.17	126.9	13.67	18.24	0.84	40.22	13.65	35.16	9.94	243.99	34.96	1.61	77.09	
03/08/2024 14:10	18.14	5.19	126.72	13.67	17.71	0.4	36.75	13.64	34.89	9.98	243.69	33.9	0.76	70.31	
03/08/2024 14:15	18.32	5.04	122.55	13.67	17.75	0.36	36.46	13.64	35.21	9.69	235.53	33.98	0.69	69.8	
03/08/2024 14:20	18.63	5.36	127.05	13.68	18.04	0.84	40.68	13.64	35.85	10.32	244.44	34.57	1.61	77.95	
03/08/2024 14:25	18.67	5.36	125.73	13.68	17.92	0.41	37.08	13.64	35.93	10.32	241.95	34.3	0.78	70.96	
03/08/2024 14:30	18.5	5.14	123.26	13.66	18.45	1.01	37.49	13.64	35.54	9.87	236.82	35.32	1.93	71.75	
03/08/2024 14:35	18.39	5.51	127.16	13.68	18.61	1.27	39.5	13.64	35.41	10.61	244.79	35.66	2.44	75.69	
03/08/2024 14:40	18.41	5.55	128.03	13.68	18.23	0.79	37.26	13.65	35.46	10.69	246.64	34.97	1.51	71.46	
03/08/2024 14:45	18.41	5.2	124.92	13.67	18.39	0.9	37.76	13.65	35.41	10	240.24	35.24	1.72	72.37	
03/08/2024 14:50	18.48	5.37	126.26	13.68	18.45	1.1	42.34	13.65	35.57	10.33	243.05	35.38	2.11	81.19	
03/08/2024 14:55	18.7	5.52	125.97	13.68	17.75	0.65	37.72	13.65	36.01	10.63	242.56	34.05	1.24	72.35	
03/08/2024 15:00	18.53	5.22	124.06	13.68	18.17	1.05	38.79	13.66	35.67	10.05	238.79	34.86	2.02	74.43	
03/08/2024 15:05	18.41	5.39	128.68	13.68	18.29	1.22	41.94	13.66	35.45	10.38	247.81	35.1	2.35	80.5	
03/08/2024 15:10	18.39	5.49	130.2	13.68	17.57	0.55	38.44	13.65	35.42	10.57	250.77	33.67	1.06	73.65	
03/08/2024 15:15	18.32	5.24	124.95	13.68	17.96	1.11	39.77	13.65	35.26	10.08	240.5	34.45	2.13	76.26	
03/08/2024 15:20	18.53	5.46	125.99	13.69	18.3	1.52	43.13	13.66	35.71	10.51	242.79	35.13	2.92	82.8	
03/08/2024 15:25	18.66	5.39	124.63	13.69	17.82	0.59	38.3	13.66	35.95	10.39	240.18	34.19	1.14	73.48	
03/08/2024 15:30	18.26	5.1	123.66	13.68	18.24	1.06	37.38	13.65	35.16	9.81	238.06	34.99	2.03	71.72	
03/08/2024 15:35	18.22	5.66	128.93	13.69	18.45	1.51	41.06	13.66	35.13	10.91	248.65	35.44	2.9	78.87	
03/08/2024 15:40	18.19	5.69	127.58	13.7	17.61	0.8	38.8	13.67	35.09	10.98	246.14	33.83	1.53	74.55	
03/08/2024 15:45	18.33	5.48	126.6	13.69	18.78	1.43	40.15	13.67	35.33	10.57	244.05	36.1	2.76	77.19	
03/08/2024 15:50	18.32	5.78	132.62	13.7	18.89	1.65	42.34	13.67	35.34	11.15	255.9	36.33	3.17	81.43	
03/08/2024 15:55	18.67	5.97	136.33	13.7	17.64	0.88	38.99	13.67	36.05	11.53	263.19	33.9	1.69	74.91	
03/08/2024 16:00	18.38	5.68	129.55	13.7	17.9	1.06	39.11	13.67	35.5	10.97	250.22	34.42	2.04	75.21	
03/08/2024 16:05	18.63	5.84	130.11	13.71	17.97	1.21	43.46	13.68	36.01	11.3	251.56	34.59	2.32	83.64	
03/08/2024 16:10	18.7	5.66	129.03	13.71	17.49	0.58	39.43	13.67	36.15	10.94	249.43	33.62	1.11	75.79	
03/08/2024 16:15	18.38	5.52	126.8	13.7	18.28	1.22	38.79	13.67	35.48	10.66	244.84	35.15	2.35	74.6	
03/08/2024 16:20	18.33	5.99	130.41	13.71	18.4	1.5	42.25	13.68	35.46	11.59	252.25	35.41	2.89	81.35	
03/08/2024 16:25	18.36	5.91	128.63	13.72	17.63	0.87	38.93	13.68	35.54	11.44	248.97	33.96	1.68	74.99	
03/08/2024 16:30	18.19	5.49	126.58	13.71	17.9	1.02	39.05	13.68	35.15	10.61	244.66	34.46	1.96	75.19	
03/08/2024 16:35	18.39	5.77	129.74	13.71	18.02	1.34	43.01	13.68	35.56	11.15	250.93	34.73	2.59	82.89	
03/08/2024 16:40	18.61	5.63	127.33	13.71	17.61	0.76	37.63	13.68	36	10.89	246.3	33.92	1.46	72.47	
03/08/2024 16:45	18.57	5.48	124.71	13.71	18.64	1.76	38.55	13.69	35.91	10.6	241.19	35.93	3.4	74.3	
03/08/2024 16:50	18.43	5.62	128.07	13.72	18.65	1.91	40.84	13.69	35.69	10.88	247.93	35.95	3.69	78.77	
03/08/2024 16:55	18.41	5.57	128.63	13.72	17.69	0.82	37.77	13.68	35.64	10.78	249.07	34.07	1.59	72.74	
03/08/2024 17:00	18.28	5.29	124.47	13.71	17.45	0.74	37.73	13.68	35.35	10.24	240.7	33.58	1.42	72.6	
03/08/2024 17:05	18.61	5.94	128.68	13.73	17.67	1.12	40.89	13.68	36.06	11.51	249.31	34.03	2.17	78.8	
03/08/2024 17:10	18.64	5.92	128.06	13.73	17.66	0.71	37.09	13.69	36.14	11.49	248.26	34.05	1.38	71.51	
03/08/2024 17:15	18.53	5.34	121.54	13.72	18.8	1.73	37.09	13.69	35.85	10.34	235.24	36.27	3.35	71.54	
03/08/2024 17:20	18.53	5.71	128.04	13.72	18.9										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
03/08/2024 18:45	18.57	5.33	122.45	13.71	18.54	1.47	36.2	13.69	35.89	10.31	236.68	35.74	2.84	69.8	
03/08/2024 18:50	18.51	5.61	127.29	13.72	18.66	1.67	40.1	13.69	35.82	10.86	246.33	35.98	3.22	77.35	
03/08/2024 18:55	18.59	5.47	126	13.72	17.94	0.95	35.81	13.68	36	10.59	243.94	34.56	1.83	68.96	
03/08/2024 19:00	18.29	5.22	122.65	13.71	17.88	0.8	36.34	13.68	35.36	10.09	237.13	34.41	1.53	69.94	
03/08/2024 19:05	18.53	5.76	127.04	13.72	18.12	1.15	39.48	13.68	35.88	11.16	246.03	34.9	2.22	76.08	
03/08/2024 19:10	18.58	5.83	129.13	13.73	17.76	0.66	34.66	13.69	36	11.3	250.21	34.23	1.28	66.8	
03/08/2024 19:15	18.47	5.37	124.64	13.71	18.6	1.59	35.48	13.69	35.72	10.4	241.13	35.85	3.07	68.39	
03/08/2024 19:20	18.46	5.55	124.41	13.72	18.75	1.86	38.53	13.69	35.75	10.74	240.92	36.16	3.59	74.35	
03/08/2024 19:25	18.56	5.38	122	13.73	17.78	0.98	34.39	13.7	35.97	10.42	236.4	34.32	1.88	66.38	
03/08/2024 19:30	18.51	5.18	120.78	13.73	18.12	1.33	34.54	13.7	35.88	10.04	234.07	35	2.57	66.72	
03/08/2024 19:35	18.57	5.46	125.62	13.73	18.39	1.68	37.48	13.71	35.97	10.58	243.41	35.53	3.25	72.42	
03/08/2024 19:40	18.72	5.36	123.17	13.72	17.75	0.73	33.39	13.69	36.26	10.39	238.57	34.22	1.41	64.38	
03/08/2024 19:45	18.62	5.2	121.97	13.72	18.98	1.75	34.92	13.7	36.04	10.07	236.08	36.66	3.38	67.45	
03/08/2024 19:50	18.61	5.44	125.99	13.73	19.13	2.09	39.58	13.7	36.05	10.54	244.08	36.96	4.05	76.47	
03/08/2024 19:55	18.86	5.27	122.72	13.72	18.01	0.78	33.55	13.69	36.51	10.2	237.59	34.71	1.5	64.67	
03/08/2024 20:00	18.57	5.12	122.43	13.71	18.11	0.98	34.71	13.69	35.91	9.9	236.81	34.9	1.89	66.88	
03/08/2024 20:05	18.58	5.7	127.18	13.73	18.31	1.37	38.61	13.69	36.01	11.05	246.46	35.32	2.65	74.51	
03/08/2024 20:10	18.73	5.86	130.13	13.73	18.06	0.92	33.91	13.69	36.32	11.36	252.25	34.83	1.78	65.42	
03/08/2024 20:15	18.57	5.22	122.84	13.71	18.79	1.31	33.77	13.69	35.92	10.11	237.63	36.22	2.52	65.11	
03/08/2024 20:20	18.52	5.51	126.37	13.72	18.88	1.64	37.96	13.69	35.85	10.67	244.69	36.42	3.17	73.27	
03/08/2024 20:25	18.5	5.58	126.75	13.73	17.88	0.92	34.48	13.7	35.85	10.81	245.6	34.5	1.78	66.55	
03/08/2024 20:30	18.5	5.19	121.79	13.72	18.78	1.65	34.01	13.7	35.82	10.04	235.8	36.27	3.18	65.67	
03/08/2024 20:35	18.56	5.37	124.61	13.72	18.84	1.81	37.73	13.7	35.93	10.39	241.23	36.38	3.49	72.87	
03/08/2024 20:40	18.55	5.25	122.61	13.72	17.59	0.72	34.18	13.69	35.9	10.17	237.32	33.91	1.39	65.86	
03/08/2024 20:45	18.45	5.09	120.97	13.72	18.43	1.35	34.18	13.69	35.71	9.86	234.09	35.55	2.6	65.95	
03/08/2024 20:50	18.6	5.6	126.63	13.73	18.55	1.55	36.55	13.7	36.05	10.85	245.44	35.81	2.98	70.57	
03/08/2024 20:55	18.8	5.38	123.67	13.73	17.94	0.74	33.64	13.69	36.42	10.42	239.64	34.58	1.42	64.85	
03/08/2024 21:00	18.53	5.03	120.94	13.72	17.79	0.63	32.67	13.68	35.86	9.74	234.03	34.27	1.21	62.94	
03/08/2024 21:05	18.68	5.28	120.59	13.73	18.12	1	35.28	13.69	36.2	10.24	233.73	34.94	1.93	68.07	
03/08/2024 21:10	18.72	5.32	119.64	13.73	17.89	0.68	29.94	13.7	36.3	10.31	231.98	34.53	1.31	57.79	
03/08/2024 21:15	18.67	4.77	115.34	13.72	18.57	1.15	29.99	13.7	36.15	9.24	223.29	35.84	2.21	57.89	
03/08/2024 21:20	18.86	5.08	119.32	13.72	18.63	1.38	34.77	13.7	36.51	9.84	231.03	35.97	2.67	67.17	
03/08/2024 21:25	19.03	5.19	120.53	13.72	17.87	0.84	30.09	13.7	36.85	10.05	233.4	34.5	1.61	58.07	
03/08/2024 21:30	18.82	4.96	116.34	13.73	18.3	1.24	30.35	13.71	36.47	9.61	225.39	35.36	2.39	58.65	
03/08/2024 21:35	19.03	5.24	119.52	13.74	18.53	1.44	36.61	13.71	36.93	10.17	231.92	35.83	2.79	70.81	
03/08/2024 21:40	18.94	5.32	119.83	13.74	18.05	0.85	30.41	13.71	36.78	10.32	232.7	34.88	1.64	58.76	
03/08/2024 21:45	18.89	5.16	116.75	13.74	18.47	1.31	31.06	13.71	36.66	10.01	226.64	35.72	2.53	60.07	
03/08/2024 21:50	18.76	5.39	119.33	13.75	18.64	1.53	34.57	13.72	36.49	10.48	232.06	36.09	2.97	66.95	
03/08/2024 21:55	18.73	5.33	118.83	13.76	18.15	0.94	30.71	13.72	36.45	10.37	231.21	35.14	1.82	59.47	
03/08/2024 22:00	18.78	5.12	116.28	13.75	18.16	1.12	30.17	13.72	36.5	9.95	225.99	35.16	2.17	58.44	
03/08/2024 22:05	18.98	5.53	120.2	13.76	18.27	1.38	33.41	13.73	36.95	10.77	234.04	35.41	2.68	64.78	
03/08/2024 22:10	19.22	5.52	119.55	13.77	18.08	1.11	30.76	13.73	37.44	10.75	232.91	35.05	2.14	59.63	
03/08/2024 22:15	18.92	5.26	115.03	13.76	18.86	1.42	31.15	13.73	36.83	10.24	223.91	36.57	2.76	60.42	
03/08/2024 22:20	19	5.58	120.43	13.77	18.95	1.73	35.07	13.74	37.05	10.88	234.82	36.79	3.37	68.1	
03/08/2024 22:25	19.08	5.61	120.91	13.78	18.15	1.22	31.49	13.74	37.22	10.95	235.87	35.25	2.36	61.16	
03/08/2024 22:30	18.95	5.24	116.46	13.77	19.08	1.49	31.27	13.75	36.94	10.22	227.05	37.09	2.89	60.77	
03/08/2024 22:35	18.88	5.62	120.26	13.79	19.19	1.8	35.92	13.75	36.9	10.98	234.99	37.32	3.5	69.91	
03/08/2024 22:40	19	5.52	118.97	13.79	18.36	1.21	30.73	13.75	37.13	10.78	232.5	35.7	2.36	59.77	
03/08/2024 22:45	18.66	5.2	116.48	13.78	18.47	1.58	32.29	13.75	36.42	10.15	227.33	35.93	3.08	62.82	
03/08/2024 22:50	18.6	5.49	119.49	13.78	18.5	1.79	33.74	13.76	36.3	10.72	233.27	36	3.48	65.67	
03/08/2024 22:55	19.08	5.47	119.25	13.78	18.29	1.31	31.77	13.75	37.24	10.68	232.74	35.56	2.54	61.77	
03/08/2024 23:00	19.09	5.34	116.36	13.77	18.53	1.62	31.88	13.76	37.23	10.43	226.99	36.06	3.15	62.02	
03/08/2024 23:05	19.03	5.54	118.84	13.79	18.64	1.87	36.29	13.76	37.18	10.83	232.17	36.29	3.65	70.68	
03/08/2024 23:10	18.98	5.61	118.63	13.79	17.99	1.28	31.16	13.76	37.12	10.97	231.93	35.01	2.5	60.63	
03/08/2024 23:15	19.06	5.33	116.51	13.78	18.54	1.65	32.45	13.76	37.22	10.4	227.56	36.11	3.21	63.2	
03/08/2024 23:20	18.56	5.51	119.23	13.79	18.63	1.82	34.01	13.77	36.29	10.78	233.12	36.3	3.55	66.29	
03/08/2024 23:25	18.94	5.53	119.23	13.79	18.07	1.32	31.49	13.76	37.04	10.82	233.23	35.18	2.56	61.31	
03/08/2024 23:30	18.86	5.28	116.38	13.79	18.54	1.82	31.51	13.77	36.84	10.32	227.38	36.12	3.54	61.38	
03/08/2024 23:35	19.05	5.59	118.89	13.79	18.63	1.98	34.94	13.77	37.26	10.94	232.49	36.3	3.86	68.11	
03/08/2024 23:40	19.25	5.74	118.91	13.79	18.11	1.33	30.67	13.77	37.65	11.22	232.58	35.28	2.59	59.77	
03/08/2024 23:45	18.93	5.35	114.2	13.79	18.74	1.85	31.53	13.77	36.99	10.46	223.2	36.52	3.61	61.45	
03/08/2024 23:50	19.29	5.56	118.81	13.79	18.86	2.05	34.9	13.77	37.73	10.88	232.4	36.76	3.99	68.07	
03/08/2024 23:55	19.69	5.57	118.64	13.79	18.01	1.22	31.06	13.76	38.51	10.89	232.06	35.05	2.38	60.47	
04/08/2024 00:00	19.09	5.24	115.67	13.78	18.68	1.66	30.61	13.75	37.27	10.24	225.87	36.34	3.23	59.55	
04/08/2024 00:05	19.05	5.64	119.98	13.78	18.8	1.88	35.08	13.76	37.18	11.02	234.21	36.58	3.67	68.3	
04/08/2024 00:10	19.06	5.66	119.48	13.78	17.82	1.24	31.3	13.75	37.21	11.05	233.25	34.64	2.42	60.86	
04/08/2024 00:15	18.85	5.32	116.02	13.77	18.41	1.7	31.34	13.75	36.76	10.37	226.27	35.77	3.31	60.88	
04/08/2024 00:20	18.81	5.64	119.28	13.78	18.5	1.9	34.54	13.75	36.74	11.02	232.94	35.97	3.69	67.17	
04/08/2024 00:25	18.84	5.72	118.84	13.78	18.03	1.3	31.23	13.75	36.81	11.18	232.16	35.07	2.53	60.74	
04/08/2024 00:30	18.65	5.46	114.92	13.78	18.48	1.82	32.13	13.76	36.41	10.66	224.38	35.96	3.53	62.52	
04/08/2024 00:35	18.88	5.61	118.66	13.79	18.61	1.96	34.32	13.76	36.92	10.98	232.04	36.24	3.81	66.85	
04/08/2024 00:40	18.91	5.61	119.39	13.79	18.05	1.37	31.08	13.76	36.97	10.98	233.48	35.17	2.68	60.54	
04/08/2024 00:45	18.31	5.33	113.82												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
04/08/2024 02:10	18.95	5.83	118.33	13.79	17.92	1.47	31.47	13.76	37.07	11.41	231.45	34.9	2.87	61.3	
04/08/2024 02:15	18.76	5.42	114.21	13.79	18.3	1.73	31.38	13.76	36.67	10.59	223.22	35.63	3.38	61.12	
04/08/2024 02:20	18.97	5.72	117.41	13.79	18.43	1.95	34.92	13.77	37.1	11.19	229.61	35.91	3.8	68.06	
04/08/2024 02:25	19.2	5.69	116.88	13.79	17.98	1.48	31.18	13.76	37.55	11.13	228.56	35.01	2.88	60.72	
04/08/2024 02:30	18.84	5.41	114.4	13.78	18.26	1.78	31.19	13.76	36.81	10.57	223.5	35.57	3.47	60.74	
04/08/2024 02:35	18.94	5.76	118.03	13.79	18.64	2.13	36.47	13.77	37.02	11.26	230.74	36.32	4.15	71.1	
04/08/2024 02:40	18.84	5.61	118.45	13.8	17.84	1.43	31.71	13.76	36.87	10.98	231.75	34.73	2.79	61.74	
04/08/2024 02:45	18.69	5.42	111.98	13.78	18.42	1.8	31.29	13.76	36.49	10.59	218.68	35.85	3.49	60.9	
04/08/2024 02:50	18.91	5.79	117.15	13.79	18.56	1.98	33.76	13.76	36.96	11.32	228.98	36.13	3.85	65.75	
04/08/2024 02:55	19.06	5.8	116.44	13.79	17.96	1.4	31.37	13.76	37.28	11.34	227.7	34.95	2.72	61.04	
04/08/2024 03:00	18.73	5.58	116.6	13.78	18.55	1.74	31.98	13.76	36.56	10.89	227.59	36.11	3.39	62.25	
04/08/2024 03:05	19.02	6.05	122.3	13.78	18.74	1.97	35.62	13.76	37.15	11.81	238.83	36.48	3.83	69.35	
04/08/2024 03:10	19.06	6.14	123.06	13.78	18.01	1.65	35.39	13.75	37.24	12	240.4	35.05	3.22	68.85	
04/08/2024 03:15	18.84	5.74	116.4	13.78	18.83	2.28	35.61	13.76	36.78	11.22	227.32	36.63	4.43	69.28	
04/08/2024 03:20	18.96	5.81	118.25	13.79	18.81	2.44	38.74	13.76	37.09	11.37	231.25	36.62	4.75	75.45	
04/08/2024 03:25	18.92	5.77	117.33	13.79	17.93	1.49	30.99	13.76	37	11.28	229.4	34.91	2.91	60.36	
04/08/2024 03:30	18.84	5.42	114.37	13.78	18.52	1.89	31.46	13.76	36.78	10.58	223.32	36.07	3.68	61.28	
04/08/2024 03:35	18.99	5.79	118.54	13.78	18.66	2.08	33.87	13.76	37.1	11.31	231.57	36.33	4.05	65.98	
04/08/2024 03:40	19.2	5.86	119.14	13.78	18.1	1.66	33.49	13.76	37.51	11.45	232.73	35.21	3.22	65.15	
04/08/2024 03:45	18.96	5.6	118.11	13.78	18.58	2.01	33.53	13.76	36.99	10.93	230.46	36.15	3.91	65.23	
04/08/2024 03:50	18.87	6.11	123.35	13.78	18.71	2.26	37.24	13.76	36.87	11.93	240.93	36.41	4.4	72.51	
04/08/2024 03:55	18.92	6.21	123.83	13.78	18.07	1.7	35.62	13.75	36.95	12.12	241.79	35.15	3.3	69.28	
04/08/2024 04:00	18.84	5.93	121.49	13.77	18.68	2.1	36.23	13.75	36.75	11.56	237.03	36.32	4.09	70.46	
04/08/2024 04:05	19.04	6.44	126.49	13.78	18.74	2.35	40.01	13.75	37.18	12.58	247	36.45	4.58	77.85	
04/08/2024 04:10	19.25	6.55	127.58	13.78	18.09	1.81	38.22	13.75	37.6	12.8	249.22	35.19	3.52	74.35	
04/08/2024 04:15	18.88	6.12	123.83	13.78	18.92	2.14	38.54	13.76	36.86	11.95	241.82	36.84	4.16	75.07	
04/08/2024 04:20	19.05	6.52	126.52	13.79	19	2.38	41.92	13.77	37.23	12.75	247.3	37.02	4.64	81.7	
04/08/2024 04:25	18.55	6.77	127.86	13.79	18.22	1.83	37.8	13.76	36.26	13.23	249.99	35.48	3.56	73.62	
04/08/2024 04:30	18.61	6.19	120.91	13.78	18.6	2.15	37.15	13.76	36.35	12.08	236.13	36.2	4.18	72.31	
04/08/2024 04:35	18.95	6.39	126.5	13.78	18.72	2.27	38.25	13.76	37.02	12.48	247.08	36.45	4.42	74.47	
04/08/2024 04:40	18.58	6.28	125.22	13.79	17.9	1.68	37.72	13.76	36.31	12.28	244.72	34.82	3.28	73.4	
04/08/2024 04:45	18.68	6.07	123.63	13.78	18.52	2.07	37.08	13.75	36.46	11.84	241.28	36.02	4.02	72.09	
04/08/2024 04:50	18.92	6.55	127.21	13.78	18.61	2.22	40.95	13.75	36.95	12.78	248.41	36.19	4.31	79.65	
04/08/2024 04:55	18.64	6.66	127.16	13.79	17.91	1.76	37.74	13.76	36.43	13.01	248.5	34.85	3.42	73.42	
04/08/2024 05:00	18.71	6.17	125.05	13.78	18.72	2.13	38.63	13.76	36.52	12.03	244.02	36.43	4.14	75.17	
04/08/2024 05:05	18.83	6.58	127.95	13.78	18.76	2.46	43.94	13.76	36.76	12.84	249.83	36.53	4.79	85.58	
04/08/2024 05:10	18.89	6.64	127.39	13.78	17.77	1.75	38.25	13.75	36.89	12.97	248.74	34.55	3.4	74.38	
04/08/2024 05:15	18.74	6.2	123.49	13.77	18.42	2.15	38.91	13.75	36.55	12.1	240.88	35.82	4.18	75.65	
04/08/2024 05:20	18.87	6.6	128.36	13.78	18.48	2.38	42.2	13.76	36.86	12.89	250.74	35.95	4.64	82.13	
04/08/2024 05:25	19.06	6.66	128.67	13.78	17.66	1.75	39.01	13.76	37.22	13	251.24	34.36	3.4	75.92	
04/08/2024 05:30	18.74	6.26	125.27	13.77	18.2	2.15	39.5	13.76	36.55	12.21	244.35	35.43	4.18	76.89	
04/08/2024 05:35	18.75	6.68	128.23	13.78	18.33	2.39	42.57	13.76	36.62	13.04	250.44	35.69	4.66	82.89	
04/08/2024 05:40	18.88	6.69	128.03	13.78	17.68	1.74	39.14	13.75	36.87	13.07	250.1	34.38	3.39	76.11	
04/08/2024 05:45	18.52	6.35	125.5	13.78	17.99	2.17	39.54	13.75	36.14	12.4	244.9	34.96	4.22	76.85	
04/08/2024 05:50	18.68	6.62	128.45	13.78	18.21	2.43	43.16	13.75	36.47	12.94	250.84	35.42	4.72	83.98	
04/08/2024 05:55	18.73	6.58	128.83	13.78	17.58	1.76	39.61	13.75	36.58	12.85	251.55	34.18	3.42	77.03	
04/08/2024 06:00	18.33	6.36	126.36	13.77	18.35	2.2	40.07	13.75	35.75	12.41	246.44	35.68	4.28	77.92	
04/08/2024 06:05	18.41	6.57	129.23	13.78	18.16	2.39	42.67	13.75	35.95	12.83	252.36	35.33	4.64	83.03	
04/08/2024 06:10	18.08	6.13	128.17	13.78	16.89	1.7	39.87	13.75	35.31	11.97	250.32	32.85	3.3	77.55	
04/08/2024 06:15	18.1	6.18	126.03	13.78	19.1	2.24	39.77	13.76	35.33	12.07	245.93	37.17	4.35	77.39	
04/08/2024 06:20	18.7	6.72	129.76	13.79	19.16	2.5	43.66	13.76	36.54	13.14	253.53	37.3	4.87	85.04	
04/08/2024 06:25	18.59	6.66	129.91	13.79	17.96	1.93	39.64	13.75	36.34	13.01	253.88	34.93	3.75	77.09	
04/08/2024 06:30	18.48	6.26	125.41	13.78	18.13	2.23	40.08	13.76	36.07	12.21	244.71	35.29	4.34	78	
04/08/2024 06:35	18.7	6.66	129.16	13.78	18.27	2.46	43.7	13.76	36.51	13.01	252.09	35.56	4.79	85.09	
04/08/2024 06:40	18.83	6.91	129.97	13.78	17.97	1.95	39.8	13.75	36.74	13.48	253.61	34.95	3.78	77.39	
04/08/2024 06:45	18.55	6.36	125.74	13.77	18.08	2.3	39.45	13.75	36.18	12.4	245.21	35.17	4.48	76.74	
04/08/2024 06:50	18.68	6.62	129.19	13.78	17.97	2.48	44.7	13.76	36.45	12.91	252.11	34.97	4.82	86.98	
04/08/2024 06:55	18.19	6.55	128.52	13.78	17.8	1.92	39.88	13.75	35.5	12.79	250.88	34.6	3.74	77.51	
04/08/2024 07:00	18.33	6.26	124.27	13.77	18.45	2.21	38.99	13.75	35.74	12.21	242.32	35.85	4.29	75.78	
04/08/2024 07:05	18.74	6.55	128.71	13.77	18.61	2.47	43.14	13.75	36.54	12.78	251.04	36.18	4.8	83.91	
04/08/2024 07:10	19	6.58	128.25	13.78	17.91	1.83	38.92	13.75	37.07	12.84	250.25	34.82	3.56	75.64	
04/08/2024 07:15	18.52	6.26	125.58	13.77	17.99	2.17	40.56	13.75	36.11	12.21	244.88	34.98	4.22	78.89	
04/08/2024 07:20	18.65	6.68	129.84	13.78	18.12	2.43	44.6	13.76	36.42	13.04	253.56	35.27	4.73	86.81	
04/08/2024 07:25	18.89	6.69	130.23	13.78	17.77	1.78	39.35	13.75	36.9	13.07	254.41	34.56	3.46	76.53	
04/08/2024 07:30	18.6	6.39	126.76	13.78	18.12	2.18	40.12	13.76	36.29	12.48	247.36	35.26	4.23	78.07	
04/08/2024 07:35	18.65	6.69	129.57	13.78	18.24	2.38	43.11	13.76	36.44	13.06	253.1	35.5	4.63	83.93	
04/08/2024 07:40	18.61	6.61	129.73	13.78	17.76	1.77	39.92	13.75	36.34	12.91	253.37	34.53	3.44	77.62	
04/08/2024 07:45	18.43	6.23	126.18	13.77	18.15	2.33	40.47	13.76	35.96	12.15	246.17	35.31	4.54	78.75	
04/08/2024 07:50	18.47	6.65	130.32	13.78	18.29	2.54	43.78	13.76	36.07	12.98	254.46	35.6	4.95	85.23	
04/08/2024 07:55	18.73	6.66	131.27	13.78	17.75	1.77	40.51	13.75	36.59	13.01	256.36	34.5	3.43	78.75	
04/08/2024 08:00	18.62	6.41	127.72	13.77	18.39	2.17	40.83	13.75	36.32	12.51	249.13	35.77	4.22	79.43	
04/08/2024 08:05	18.63	6.81	131.71	13.78	18.47	2.37	44.37	13.76	36.38	13.29	257.1				



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
04/08/2024 09:35	18.45	6.6	130.39	13.75	18.38	2.15	43.16	13.72	35.85	12.82	253.39	35.58	4.16	83.58	
04/08/2024 09:40	18.7	6.71	130.64	13.75	17.77	1.6	40.51	13.72	36.38	13.04	254.08	34.4	3.1	78.4	
04/08/2024 09:45	18.52	6.12	128.39	13.73	18.22	1.83	40.93	13.71	35.93	11.87	249.09	35.24	3.55	79.16	
04/08/2024 09:50	18.45	6.35	129.73	13.74	18.31	2.03	44.04	13.71	35.8	12.31	251.7	35.41	3.93	85.19	
04/08/2024 09:55	18.53	6.36	129.84	13.73	17.71	1.48	40.07	13.7	35.95	12.34	251.87	34.2	2.85	77.38	
04/08/2024 10:00	18.44	6.1	127.7	13.72	18.14	1.88	39.79	13.7	35.73	11.82	247.39	35.03	3.64	76.85	
04/08/2024 10:05	18.46	6.25	129.77	13.72	18.25	2.12	43.42	13.7	35.76	12.11	251.4	35.25	4.1	83.89	
04/08/2024 10:10	18.56	6.32	130.05	13.73	17.61	1.32	40.91	13.68	35.97	12.24	251.99	33.93	2.54	78.81	
04/08/2024 10:15	18.37	5.95	126.45	13.71	18.16	1.83	40.17	13.68	35.52	11.5	244.47	34.96	3.52	77.36	
04/08/2024 10:20	18.53	6.28	129.21	13.71	18.38	2.09	43.46	13.68	35.82	12.14	249.86	35.41	4.03	83.74	
04/08/2024 10:25	18.53	6.3	129.7	13.71	17.79	1.23	40.62	13.67	35.82	12.18	250.73	34.22	2.37	78.12	
04/08/2024 10:30	18.24	5.79	128.21	13.69	17.81	1.18	40.89	13.66	35.16	11.16	247.13	34.21	2.26	78.55	
04/08/2024 10:35	18.4	6.16	129.36	13.69	17.92	1.43	45.43	13.67	35.47	11.87	249.41	34.43	2.76	87.29	
04/08/2024 10:40	18.69	6.17	129.27	13.69	17.78	1.34	40.9	13.66	36.04	11.91	249.28	34.15	2.57	78.57	
04/08/2024 10:45	18.53	5.87	126.54	13.68	18.15	1.5	40.4	13.66	35.68	11.31	243.72	34.86	2.89	77.62	
04/08/2024 10:50	18.34	5.84	129.41	13.68	18.31	1.73	43.9	13.66	35.3	11.24	249.06	35.17	3.32	84.32	
04/08/2024 10:55	18.41	5.77	129.09	13.67	17.47	0.82	40.54	13.64	35.4	11.09	248.25	33.43	1.57	77.56	
04/08/2024 11:00	18.37	5.72	125.62	13.66	18.21	1.35	41.1	13.64	35.28	10.98	241.23	34.85	2.58	78.67	
04/08/2024 11:05	18.33	6.1	129.89	13.67	18.4	1.68	45.11	13.64	35.24	11.72	249.73	35.24	3.21	86.41	
04/08/2024 11:10	18	6.05	129.98	13.67	17.63	0.88	40.97	13.63	34.61	11.63	249.91	33.72	1.69	78.36	
04/08/2024 11:15	18.25	5.63	126.3	13.65	17.75	1.12	41.16	13.62	35	10.79	242.26	33.9	2.13	78.63	
04/08/2024 11:20	18.37	5.82	129.41	13.65	17.92	1.53	43.59	13.63	35.21	11.16	248.05	34.26	2.93	83.33	
04/08/2024 11:25	18.2	5.83	129.53	13.65	17.91	1.1	40.97	13.62	34.91	11.18	248.45	34.21	2.11	78.23	
04/08/2024 11:30	18.45	5.71	126.37	13.64	18.21	1.37	40.9	13.62	35.35	10.95	242.13	34.76	2.62	78.09	
04/08/2024 11:35	18.51	5.9	129.65	13.65	18.41	1.73	44.41	13.62	35.47	11.31	248.51	35.15	3.3	84.82	
04/08/2024 11:40	18.81	5.86	129.64	13.65	18.17	1.06	40.74	13.61	36.04	11.23	248.39	34.62	2.01	77.63	
04/08/2024 11:45	18.5	5.65	125.71	13.63	18.18	1.1	42.08	13.6	35.36	10.8	240.19	34.59	2.1	80.07	
04/08/2024 11:50	18.45	5.92	129.76	13.63	18.34	1.51	45.48	13.6	35.26	11.32	247.97	34.93	2.88	86.63	
04/08/2024 11:55	18.61	5.97	129.17	13.63	17.95	1.1	41.9	13.6	35.57	11.41	246.91	34.2	2.09	79.83	
04/08/2024 12:00	18.64	5.72	126.26	13.63	18.1	1.24	42.14	13.6	35.62	10.94	241.29	34.48	2.37	80.27	
04/08/2024 12:05	18.35	5.8	130.13	13.63	18.33	1.64	45.59	13.6	35.07	11.08	248.74	34.93	3.12	86.88	
04/08/2024 12:10	18.41	5.75	130.23	13.63	18.3	0.99	41.61	13.59	35.17	10.99	248.83	34.81	1.89	79.15	
04/08/2024 12:15	18.64	5.43	125.52	13.61	18.28	0.92	39.8	13.58	35.52	10.36	239.28	34.7	1.74	75.54	
04/08/2024 12:20	18.27	5.71	129.22	13.61	18.41	1.25	44.69	13.58	34.83	10.88	246.31	34.95	2.38	84.86	
04/08/2024 12:25	18.42	5.83	130.09	13.61	17.83	0.96	41.37	13.59	35.13	11.12	248.08	33.89	1.82	78.64	
04/08/2024 12:30	18.55	5.59	125.56	13.61	18.52	1.4	42.48	13.59	35.38	10.65	239.49	35.23	2.66	80.8	
04/08/2024 12:35	18.59	5.69	128.67	13.61	18.6	1.63	45.72	13.59	35.46	10.86	245.42	35.38	3.1	87	
04/08/2024 12:40	18.97	5.74	128.81	13.61	18.07	0.76	40.6	13.58	36.19	10.95	245.75	34.3	1.43	77.06	
04/08/2024 12:45	18.58	5.21	124.77	13.6	17.9	0.7	41.16	13.57	35.36	9.92	237.46	33.93	1.33	78.03	
04/08/2024 12:50	18.35	5.46	128.13	13.6	18.06	1.09	44.47	13.57	34.94	10.4	243.95	34.27	2.07	84.39	
04/08/2024 12:55	18.48	5.58	128.38	13.6	17.91	0.83	41.03	13.58	35.2	10.63	244.49	34	1.58	77.9	
04/08/2024 13:00	18.65	5.41	124.82	13.6	17.82	1.26	42.14	13.59	35.52	10.31	237.79	33.87	2.4	80.09	
04/08/2024 13:05	18.52	5.46	127.86	13.61	18.03	1.64	44.65	13.59	35.32	10.42	243.89	34.28	3.11	84.92	
04/08/2024 13:10	18.48	5.44	127.25	13.62	18.39	0.86	40.03	13.58	35.28	10.38	242.87	34.91	1.64	76.01	
04/08/2024 13:15	18.38	5.03	124.28	13.6	18.04	0.54	40.25	13.57	34.97	9.57	236.54	34.19	1.02	76.31	
04/08/2024 13:20	18.44	5.43	128.77	13.6	18.26	0.95	44	13.57	35.12	10.34	245.24	34.64	1.81	83.48	
04/08/2024 13:25	18.72	5.64	129.48	13.61	17.98	0.85	40.07	13.58	35.67	10.75	246.76	34.12	1.62	76.06	
04/08/2024 13:30	18.72	5.6	124.51	13.6	18.69	1.38	40.18	13.58	35.67	10.68	237.26	35.5	2.63	76.31	
04/08/2024 13:35	18.53	5.48	128.25	13.61	18.87	1.69	44.42	13.58	35.31	10.44	244.42	35.85	3.21	84.43	
04/08/2024 13:40	18.58	5.52	127.95	13.61	17.74	0.45	40.53	13.57	35.43	10.52	244	33.64	0.85	76.83	
04/08/2024 13:45	18.23	5.16	124.17	13.59	17.64	0.53	40.36	13.56	34.67	9.83	236.23	33.42	1.01	76.43	
04/08/2024 13:50	18.25	5.63	129.14	13.6	17.99	1.08	44.88	13.57	34.77	10.72	246.04	34.12	2.06	85.14	
04/08/2024 13:55	18.47	5.74	129.98	13.61	17.75	0.66	40.86	13.58	35.22	10.94	247.88	33.7	1.24	77.56	
04/08/2024 14:00	18.58	5.38	125.58	13.6	17.99	0.98	41.82	13.58	35.39	10.25	239.27	34.15	1.86	79.4	
04/08/2024 14:05	18.27	5.36	129.56	13.6	18.21	1.32	45.16	13.58	34.81	10.2	246.79	34.57	2.51	85.78	
04/08/2024 14:10	18.34	5.38	131.06	13.6	17.64	0.44	41.16	13.57	34.93	10.24	249.56	33.44	0.84	78.03	
04/08/2024 14:15	18.26	5.34	126.33	13.6	17.99	0.87	40.73	13.57	34.77	10.17	240.58	34.13	1.66	77.27	
04/08/2024 14:20	18.41	5.67	128.7	13.61	18.22	1.31	44.99	13.58	35.13	10.82	245.56	34.61	2.48	85.48	
04/08/2024 14:25	18.8	5.67	127.67	13.62	17.94	0.7	40.07	13.59	35.88	10.83	243.67	34.09	1.32	76.15	
04/08/2024 14:30	18.49	5.33	125.77	13.61	18.16	0.82	40.49	13.58	35.24	10.16	239.67	34.48	1.55	76.89	
04/08/2024 14:35	18.11	5.49	129.7	13.61	18.25	1.25	44.58	13.58	34.53	10.46	247.27	34.68	2.37	84.72	
04/08/2024 14:40	17.95	5.55	129.52	13.61	17.8	0.92	41.27	13.58	34.22	10.58	246.88	33.81	1.75	78.39	
04/08/2024 14:45	18.34	5.49	126.4	13.61	18.4	1.39	41.14	13.59	34.96	10.47	241	34.98	2.65	78.21	
04/08/2024 14:50	18.46	5.61	129.28	13.62	18.5	1.7	46.44	13.59	35.23	10.71	246.76	35.18	3.23	88.37	
04/08/2024 14:55	18.83	5.58	128.06	13.62	17.96	0.68	39.72	13.58	35.94	10.65	244.42	34.08	1.28	75.37	
04/08/2024 15:00	18.54	5.36	127.8	13.6	18.1	0.92	40.61	13.57	35.29	10.2	243.28	34.33	1.75	77.02	
04/08/2024 15:05	18.2	5.63	129.98	13.6	18.28	1.4	45.89	13.58	34.67	10.72	247.61	34.7	2.66	87.14	
04/08/2024 15:10	18.47	5.75	129.98	13.61	17.65	0.79	41.02	13.58	35.21	10.97	247.82	33.53	1.49	77.91	
04/08/2024 15:15	18.54	5.6	127.52	13.61	18.64	1.39	40.84	13.58	35.34	10.69	243.1	35.42	2.64	77.61	
04/08/2024 15:20	18.23	5.53	130.55	13.61	18.79	1.67	44.21	13.59	34.76	10.55	248.97	35.71	3.17	84.05	
04/08/2024 15:25	18.31	5.53	129.61	13.61	17.33	0.41	40.61	13.58	34.93	10.56	247.21	32.91	0.78	77.11	
04/08/2024 15:30	18.26	5.48	127.07	13.61	17.86	1.09	41.3	13.59	34.83	10.46	242.36	33.96	2.07	78.5	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
04/08/2024 17:00	18.18	5.58	126.45	13.64	18.18	1.38	41.71	13.62	34.82	10.7	242.19	34.72	2.64	79.68	
04/08/2024 17:05	18.2	5.92	129.52	13.65	18.29	1.67	45.27	13.63	34.92	11.36	248.43	34.94	3.19	86.53	
04/08/2024 17:10	18.27	5.8	128.84	13.65	17.32	0.95	42.73	13.62	35.03	11.12	247.08	33.08	1.81	81.59	
04/08/2024 17:15	18.06	5.55	125.65	13.65	18.28	1.52	42.56	13.63	34.62	10.63	240.8	34.94	2.91	81.35	
04/08/2024 17:20	18.45	6.09	130.58	13.66	18.54	1.86	45.69	13.63	35.42	11.7	250.77	35.45	3.56	87.42	
04/08/2024 17:25	18.91	6.1	131.16	13.66	17.6	1.11	41.57	13.63	36.31	11.71	251.89	33.65	2.12	79.48	
04/08/2024 17:30	18.27	4.96	117.56	13.62	18.02	1.8	42.77	13.63	34.89	9.47	224.6	34.46	3.43	81.79	
04/08/2024 17:35	18.16	5.01	116.97	13.61	18.13	2.06	45.76	13.63	34.65	9.56	223.15	34.68	3.94	87.54	
04/08/2024 17:40	18.3	5.19	115.45	13.62	17.52	1.21	41.84	13.64	34.93	9.91	220.4	33.52	2.32	80.07	
04/08/2024 17:45	18.13	4.75	113.26	13.61	18.4	1.41	42	13.64	34.58	9.06	215.95	35.24	2.7	80.42	
04/08/2024 17:50	18.31	5.03	117.97	13.62	18.47	1.51	44.17	13.64	34.94	9.6	225.09	35.35	2.88	84.53	
04/08/2024 17:55	17.81	5.11	117.94	13.61	17.6	1.21	41.95	13.63	33.98	9.75	225	33.65	2.31	80.22	
04/08/2024 18:00	17.8	5.38	122.05	13.64	17.21	0.99	36.77	13.61	34.1	10.31	233.9	32.79	1.89	70.07	
04/08/2024 18:05	18.03	6.06	129.97	13.68	17.48	1.22	40.81	13.61	34.69	11.66	250.09	33.34	2.32	77.83	
04/08/2024 18:10	18.19	5.83	128.8	13.68	16.97	0.68	36.38	13.61	35.01	11.22	247.9	32.35	1.3	69.33	
04/08/2024 18:15	18	5.6	125.74	13.66	17.62	1.62	37.51	13.61	34.57	10.75	241.55	33.61	3.09	71.55	
04/08/2024 18:20	18.11	6.13	129.53	13.67	17.86	1.99	42.15	13.62	34.82	11.78	249.05	34.1	3.8	80.51	
04/08/2024 18:25	18.41	6.22	129.84	13.67	17.09	0.88	35.82	13.61	35.4	11.97	249.75	32.59	1.69	68.31	
04/08/2024 18:30	18.12	5.57	124.75	13.66	17.86	1.09	35.79	13.62	34.79	10.7	239.59	34.09	2.08	68.32	
04/08/2024 18:35	18.07	5.89	129.25	13.67	17.99	1.42	41.16	13.63	34.73	11.33	248.4	34.39	2.73	78.74	
04/08/2024 18:40	18.3	6.16	131.09	13.67	17.62	1.09	39.25	13.64	35.16	11.83	251.88	33.73	2.1	75.15	
04/08/2024 18:45	18.08	5.49	125.09	13.66	17.73	1.24	38.8	13.64	34.73	10.55	240.22	33.95	2.38	74.28	
04/08/2024 18:50	18.26	5.7	127.31	13.67	17.92	1.6	42.6	13.64	35.09	10.96	244.71	34.33	3.07	81.61	
04/08/2024 18:55	18.22	5.61	126.13	13.67	17.35	1	39.41	13.64	35.01	10.79	242.39	33.24	1.91	75.48	
04/08/2024 19:00	18.07	5.37	123.1	13.67	17.53	1.14	39.25	13.64	34.71	10.32	236.52	33.57	2.18	75.14	
04/08/2024 19:05	18.3	5.66	127.2	13.67	17.65	1.38	44.88	13.64	35.19	10.88	244.58	33.81	2.65	85.95	
04/08/2024 19:10	18.64	5.83	129.84	13.67	17.46	0.93	38.44	13.64	35.83	11.21	249.59	33.41	1.78	73.55	
04/08/2024 19:15	18.07	5.33	123.14	13.66	17.48	1.1	37.79	13.63	34.69	10.24	236.49	33.45	2.11	72.29	
04/08/2024 19:20	18.3	5.65	125.58	13.67	17.78	1.54	42.47	13.64	35.18	10.86	241.37	34.05	2.95	81.35	
04/08/2024 19:25	18.42	5.55	123.88	13.67	17.39	0.77	37.99	13.63	35.42	10.67	238.17	33.27	1.48	72.68	
04/08/2024 19:30	18.2	5.33	119.84	13.66	17.61	1.08	37.08	13.63	34.94	10.23	230.09	33.68	2.06	70.91	
04/08/2024 19:35	18.31	5.76	125.89	13.67	17.78	1.41	40.4	13.64	35.21	11.07	242.02	34.03	2.7	77.32	
04/08/2024 19:40	18.2	5.78	125.45	13.67	17.71	1.07	38.28	13.64	35	11.12	241.2	33.9	2.04	73.27	
04/08/2024 19:45	18.05	5.5	125.44	13.66	18.6	1.9	41.36	13.64	34.66	10.57	240.88	35.6	3.64	79.16	
04/08/2024 19:50	18.21	5.99	128.11	13.67	18.79	2.26	44.79	13.64	35.02	11.53	246.33	35.98	4.32	85.82	
04/08/2024 19:55	18.53	6.21	129.19	13.68	17.65	1.29	40.23	13.65	35.66	11.94	248.59	33.81	2.47	77.08	
04/08/2024 20:00	18.17	5.63	124.2	13.67	18.23	1.84	39.71	13.64	34.92	10.82	238.68	34.92	3.53	76.08	
04/08/2024 20:05	18.32	5.95	129.24	13.67	18.42	2.16	41.59	13.65	35.23	11.45	248.54	35.31	4.15	79.71	
04/08/2024 20:10	18.52	5.91	128.75	13.67	17.62	1.27	40.01	13.64	35.61	11.37	247.65	33.74	2.43	76.64	
04/08/2024 20:15	18.23	5.69	123.71	13.67	18.2	1.59	39.83	13.65	35.04	10.93	237.8	34.89	3.06	76.36	
04/08/2024 20:20	18.23	5.95	129.11	13.68	18.14	1.78	43.96	13.65	35.08	11.45	248.42	34.78	3.42	84.32	
04/08/2024 20:25	18.3	5.92	128.03	13.68	17.06	0.99	41.23	13.64	35.21	11.4	246.37	32.67	1.89	78.94	
04/08/2024 20:30	18.15	5.58	123.03	13.67	18.15	1.96	39.49	13.65	34.89	10.73	236.59	34.78	3.75	75.67	
04/08/2024 20:35	18.2	5.82	124.71	13.68	18.25	2.12	41.51	13.65	35.04	11.21	240.02	34.98	4.07	79.59	
04/08/2024 20:40	18.11	5.91	125.02	13.68	17.21	0.71	37.44	13.65	34.86	11.38	240.67	32.97	1.37	71.74	
04/08/2024 20:45	18.28	5.44	121.27	13.67	18.47	1.64	38.13	13.65	35.16	10.47	233.23	35.44	3.15	73.16	
04/08/2024 20:50	18.44	5.86	125.1	13.69	18.64	1.9	41.23	13.66	35.52	11.3	241.02	35.78	3.66	79.18	
04/08/2024 20:55	18.39	5.97	125.97	13.69	17.81	1.11	37.42	13.66	35.44	11.51	242.77	34.17	2.13	71.8	
04/08/2024 21:00	18.27	5.46	121.76	13.68	18.53	1.63	38.9	13.66	35.15	10.51	234.3	35.56	3.13	74.67	
04/08/2024 21:05	18.25	5.78	126.02	13.68	18.58	1.89	42.2	13.66	35.14	11.14	242.7	35.67	3.63	81.05	
04/08/2024 21:10	18.23	6.05	128.88	13.69	17.84	1.27	38.56	13.66	35.14	11.66	248.37	34.24	2.44	73.99	
04/08/2024 21:15	18.37	5.71	123.09	13.68	18.55	1.67	38.45	13.66	35.37	10.99	237.02	35.62	3.2	73.82	
04/08/2024 21:20	18.36	5.99	127.31	13.69	18.71	1.93	42.32	13.66	35.4	11.56	245.45	35.93	3.71	81.3	
04/08/2024 21:25	18.58	6.05	126.47	13.69	17.67	1.29	39.61	13.66	35.82	11.66	243.84	33.93	2.49	76.06	
04/08/2024 21:30	18.38	5.81	123.95	13.69	18.44	1.82	39.81	13.67	35.42	11.21	238.95	35.44	3.51	76.53	
04/08/2024 21:35	18.37	6.15	127.88	13.7	18.53	2.02	45.49	13.67	35.48	11.87	247.02	35.63	3.89	87.49	
04/08/2024 21:40	18.13	6.11	125.83	13.71	17.59	1.33	40.03	13.67	35.04	11.82	243.23	33.82	2.56	76.98	
04/08/2024 21:45	18.38	5.87	123.25	13.7	18.6	1.84	39.3	13.68	35.49	11.34	238.08	35.78	3.54	75.62	
04/08/2024 21:50	18.56	6.05	125.82	13.71	18.74	2.07	42.47	13.68	35.9	11.7	243.34	36.08	3.98	81.79	
04/08/2024 21:55	18.83	5.96	124.59	13.71	17.79	1.31	39.47	13.68	36.42	11.52	241.01	34.25	2.53	76	
04/08/2024 22:00	18.63	5.75	118.92	13.71	18.52	1.82	38.61	13.68	36.02	11.12	229.91	35.66	3.5	74.36	
04/08/2024 22:05	18.91	6.14	126.01	13.72	18.7	2.08	41.92	13.69	36.61	11.89	243.92	36.04	4.01	80.81	
04/08/2024 22:10	18.86	6.08	125.08	13.72	18.05	1.55	39.98	13.69	36.5	11.77	242.05	34.79	2.99	77.05	
04/08/2024 22:15	18.61	5.89	122.14	13.71	17.77	1.64	38.18	13.69	35.98	11.39	236.11	34.25	3.15	73.59	
04/08/2024 22:20	18.48	6.08	125.08	13.72	17.97	2	42.51	13.69	35.78	11.77	242.18	34.66	3.87	82.01	
04/08/2024 22:25	18.66	6.17	124.5	13.72	17.82	1.57	40.09	13.69	36.12	11.95	241.03	34.36	3.02	77.31	
04/08/2024 22:30	18.54	5.78	120.5	13.72	18.64	1.87	39.75	13.7	35.88	11.19	233.24	35.97	3.61	76.7	
04/08/2024 22:35	18.66	6.2	125.04	13.73	18.58	2.01	43.69	13.7	36.17	12.02	242.39	35.87	3.89	84.35	
04/08/2024 22:40	18.61	6.05	123.8	13.73	18.03	1.65	40.33	13.7	36.08	11.73	239.99	34.82	3.18	77.87	
04/08/2024 22:45	18.68	5.93	121.87	13.72	18.15	2.01	40.69	13.7	36.18	11.48	236.06	35.04	3.88	78.58	
04/08/2024 22:50	18.85	6.32	125.41	13.73	18.28	2.27	43.66	13.7	36.56	12.25	243.22	35.31	4.39	84.37	
04/08/2024 22:55	18.89	6.22	123.45	13.73	18.04	1.69	40.84	13.7	36.64	12.07	239.48	34.84			



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
05/08/2024 00:25	18.8	6.27	122.33	13.74	18.13	1.81	39.85	13.71	36.49	12.17	237.45	35.03	3.5	77.02	
05/08/2024 00:30	18.66	5.88	117.9	13.73	18.44	2.18	39.71	13.71	36.18	11.41	228.63	35.65	4.21	76.8	
05/08/2024 00:35	18.83	6.22	123.4	13.74	18.59	2.43	42.94	13.71	36.54	12.07	239.42	35.97	4.69	83.08	
05/08/2024 00:40	18.83	6.27	122.73	13.74	18.12	1.74	39.16	13.7	36.55	12.17	238.24	35	3.35	75.64	
05/08/2024 00:45	18.56	5.83	119.64	13.73	18.35	2.04	39.15	13.7	35.96	11.3	231.84	35.44	3.95	75.62	
05/08/2024 00:50	18.92	6.29	123.87	13.73	18.53	2.29	42.47	13.71	36.7	12.21	240.22	35.82	4.42	82.09	
05/08/2024 00:55	18.97	6.33	124.61	13.74	17.75	1.72	38.32	13.71	36.81	12.29	241.82	34.31	3.32	74.05	
05/08/2024 01:00	18.72	5.95	118.97	13.73	18.61	2.09	37.49	13.7	36.28	11.54	230.54	35.95	4.04	72.41	
05/08/2024 01:05	18.72	6.32	123.23	13.73	18.7	2.3	40.07	13.7	36.29	12.25	238.95	36.12	4.44	77.42	
05/08/2024 01:10	18.72	6.3	122.5	13.73	17.79	1.71	38.72	13.7	36.3	12.22	237.52	34.35	3.31	74.79	
05/08/2024 01:15	18.62	5.9	119.96	13.72	18.33	2.14	39.82	13.71	36.06	11.43	232.34	35.41	4.13	76.94	
05/08/2024 01:20	18.47	6.28	123.13	13.73	18.43	2.43	43.14	13.71	35.81	12.17	238.74	35.63	4.69	83.41	
05/08/2024 01:25	18.53	6.36	124.13	13.73	17.8	1.7	38.77	13.7	35.94	12.34	240.73	34.37	3.29	74.89	
05/08/2024 01:30	18.51	5.97	120.95	13.73	18.44	2.07	38.94	13.7	35.86	11.57	234.38	35.62	4.01	75.23	
05/08/2024 01:35	18.58	6.33	123.93	13.74	18.55	2.27	41.92	13.71	36.06	12.28	240.51	35.86	4.39	81.04	
05/08/2024 01:40	19.47	6.57	123.77	13.74	17.85	1.73	39.38	13.71	37.79	12.74	240.24	34.51	3.35	76.1	
05/08/2024 01:45	18.73	6.01	119.55	13.73	18.81	2.29	38.68	13.71	36.31	11.66	231.8	36.35	4.42	74.75	
05/08/2024 01:50	18.48	6.23	124.75	13.73	19.18	2.62	43.29	13.71	35.84	12.07	241.96	37.08	5.06	83.71	
05/08/2024 01:55	18.66	6.02	124.13	13.73	17.76	1.72	39.34	13.7	36.17	11.67	240.67	34.31	3.33	75.99	
05/08/2024 02:00	18.06	5.83	119.95	13.73	18.09	2.25	39.15	13.71	35.02	11.3	232.53	34.96	4.35	75.68	
05/08/2024 02:05	18.87	6.33	124.47	13.73	18.17	2.5	43.23	13.71	36.59	12.28	241.39	35.14	4.83	83.61	
05/08/2024 02:10	18.94	6.27	123.7	13.73	16.68	1.61	40.04	13.7	36.71	12.15	239.8	32.21	3.11	77.34	
05/08/2024 02:15	18.54	5.99	121.89	13.72	17.95	2.21	39.48	13.7	35.9	11.61	236.05	34.66	4.26	76.26	
05/08/2024 02:20	19.07	6.36	124.6	13.73	17.72	2.32	42.29	13.71	36.96	12.34	241.54	34.24	4.49	81.72	
05/08/2024 02:25	19.81	6.36	123.78	13.73	17.46	1.75	38.88	13.7	38.42	12.34	240.06	33.69	3.37	75.04	
05/08/2024 02:30	18.79	6.07	119.41	13.72	18.02	2.31	39.93	13.7	36.4	11.76	231.28	34.79	4.45	77.08	
05/08/2024 02:35	18.71	6.41	124.81	13.73	18.13	2.5	42.91	13.7	36.26	12.42	241.87	35	4.83	82.87	
05/08/2024 02:40	18.67	6.63	125.45	13.73	17.53	1.74	39.88	13.69	36.18	12.84	243.09	33.81	3.35	76.91	
05/08/2024 02:45	18.29	6.08	121.66	13.72	18.79	2.25	40.42	13.7	35.39	11.76	235.5	36.26	4.33	77.98	
05/08/2024 02:50	18.68	6.49	125.39	13.72	19.02	2.61	46.85	13.7	36.18	12.57	242.87	36.71	5.04	90.47	
05/08/2024 02:55	18.97	6.63	126.61	13.73	17.26	1.78	38.62	13.69	36.76	12.84	245.33	33.29	3.44	74.48	
05/08/2024 03:00	18.75	6.12	121.49	13.72	18.27	2.25	40.22	13.7	36.28	11.84	235.15	35.27	4.34	77.64	
05/08/2024 03:05	18.45	6.52	126.1	13.72	18.38	2.46	43.19	13.7	35.74	12.63	244.2	35.48	4.75	83.4	
05/08/2024 03:10	18.27	6.63	126.77	13.72	17.66	1.93	40.01	13.69	35.35	12.83	245.37	34.06	3.73	77.19	
05/08/2024 03:15	18.38	6.19	120.73	13.71	18.15	2.27	41.57	13.7	35.56	11.97	233.56	35.01	4.39	80.22	
05/08/2024 03:20	18.42	6.48	125.81	13.72	18.22	2.45	44.61	13.7	35.67	12.54	243.66	35.16	4.73	86.11	
05/08/2024 03:25	18.39	6.5	125.7	13.73	17.41	1.85	39.88	13.7	35.64	12.6	243.58	33.59	3.57	76.94	
05/08/2024 03:30	18.34	6.13	120.57	13.72	17.93	2.06	39.42	13.7	35.5	11.87	233.38	34.6	3.97	76.08	
05/08/2024 03:35	18.33	6.45	125.78	13.73	18.07	2.17	43.9	13.7	35.53	12.5	243.82	34.9	4.18	84.78	
05/08/2024 03:40	18.42	6.61	127.17	13.73	17.67	1.93	40.08	13.7	35.72	12.82	246.58	34.12	3.72	77.41	
05/08/2024 03:45	18.42	6.06	122.33	13.72	17.29	1.77	38.34	13.7	35.67	11.73	236.88	33.38	3.41	74.02	
05/08/2024 03:50	18.8	6.6	126.38	13.73	17.49	2.04	41.66	13.7	36.43	12.78	244.91	33.77	3.95	80.46	
05/08/2024 03:55	19.3	6.68	126	13.73	17.97	1.96	41.02	13.7	37.4	12.94	244.2	34.69	3.78	79.19	
05/08/2024 04:00	18.69	6.14	122.11	13.72	17.83	2.2	39.92	13.7	36.19	11.89	236.48	34.41	4.25	77.06	
05/08/2024 04:05	18.16	6.53	125.54	13.73	18.05	2.41	44.96	13.7	35.18	12.64	243.23	34.86	4.65	86.83	
05/08/2024 04:10	18.56	6.75	125.25	13.73	17.34	1.89	40.49	13.7	35.97	13.09	242.7	33.48	3.64	78.18	
05/08/2024 04:15	18.49	6.2	121.96	13.72	17.92	2.23	39.52	13.7	35.79	12	236.09	34.59	4.31	76.27	
05/08/2024 04:20	18.46	6.57	125.64	13.73	18.04	2.47	42.08	13.7	35.8	12.75	243.58	34.83	4.78	81.28	
05/08/2024 04:25	18.47	6.58	125.84	13.73	17.59	1.85	40.01	13.69	35.81	12.76	244.01	33.93	3.56	77.17	
05/08/2024 04:30	18.34	6.2	122.47	13.72	17.95	2.28	40.51	13.7	35.5	12	237.06	34.63	4.4	78.16	
05/08/2024 04:35	18.89	6.42	125.33	13.73	17.69	2.43	43.2	13.7	36.6	12.45	242.81	34.14	4.69	83.39	
05/08/2024 04:40	19.55	6.19	123.69	13.73	17.45	1.77	40.24	13.7	37.88	12	239.67	33.67	3.41	77.67	
05/08/2024 04:45	18.73	6.08	122.83	13.72	17.96	2.25	40.05	13.7	36.26	11.78	237.86	34.68	4.34	77.34	
05/08/2024 04:50	18.11	6.4	125.46	13.73	18.14	2.44	43.22	13.71	35.09	12.4	243.11	35.04	4.71	83.52	
05/08/2024 04:55	18.64	6.49	125	13.73	17.65	1.81	40.39	13.7	36.14	12.58	242.32	34.07	3.5	77.97	
05/08/2024 05:00	18.54	6.04	120.82	13.72	18.25	2.35	39.8	13.71	35.92	11.71	234.05	35.27	4.55	76.89	
05/08/2024 05:05	18.55	6.33	124.44	13.72	18.37	2.66	44.13	13.71	35.93	12.27	241.02	35.49	5.14	85.29	
05/08/2024 05:10	18.75	6.27	124.97	13.73	17.77	1.8	39.43	13.69	36.32	12.14	242.1	34.28	3.47	76.05	
05/08/2024 05:15	18.41	5.99	120.74	13.72	18.06	2.29	40.6	13.7	35.63	11.6	233.74	34.85	4.42	78.35	
05/08/2024 05:20	18.59	6.4	125.2	13.72	18.27	2.52	43.32	13.7	35.99	12.39	242.48	35.27	4.88	83.64	
05/08/2024 05:25	18.86	6.58	126.19	13.73	17.55	1.85	39.29	13.7	36.54	12.75	244.46	33.88	3.57	75.82	
05/08/2024 05:30	18.57	6.06	121.2	13.72	18.25	2.11	39.73	13.7	35.94	11.73	234.59	35.22	4.08	76.67	
05/08/2024 05:35	18.41	6.39	124.38	13.72	18.34	2.32	42.32	13.7	35.64	12.37	240.82	35.39	4.49	81.69	
05/08/2024 05:40	18.44	6.5	124.58	13.73	17.68	1.83	39.08	13.69	35.73	12.6	241.4	34.09	3.52	75.36	
05/08/2024 05:45	18.48	6.03	121.29	13.71	17.87	1.96	39	13.69	35.76	11.66	234.4	34.45	3.78	75.2	
05/08/2024 05:50	18.37	6.44	124.93	13.72	17.98	2.19	42.28	13.69	35.56	12.45	241.87	34.69	4.22	81.58	
05/08/2024 05:55	18.39	6.63	126.61	13.73	17.5	1.85	40.46	13.7	35.64	12.84	245.33	33.76	3.57	78.08	
05/08/2024 06:00	18.51	6.25	123.75	13.72	18.31	2.3	41.22	13.7	35.82	12.09	239.5	35.34	4.44	79.56	
05/08/2024 06:05	18.65	6.43	124.81	13.72	18.74	2.56	44.43	13.7	36.12	12.44	241.67	36.19	4.95	85.8	
05/08/2024 06:10	18.69	6.3	124.53	13.73	17.71	1.8	40.2	13.69	36.21	12.21	241.3	34.16	3.47	77.54	
05/08/2024 06:15	18.16	5.94	120.68	13.72	17.7	2.05	39.44	13.69	35.14	11.5	233.58	34.14	3.95	76.07	
05/08/2024 06:20	18.73	6.54	125.46	13.73	17.78	2.27	42.72	13.7	36.3	12.67	243.1	34.3	4.37	82.45	
05/08/20															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
05/08/2024 07:50	18.35	6.28	125.72	13.68	18.2	2.29	44.18	13.66	35.36	12.1	242.2	34.95	4.41	84.88	
05/08/2024 07:55	18.25	6.27	125.8	13.69	17.46	1.65	40.62	13.65	35.17	12.08	242.44	33.49	3.17	77.92	
05/08/2024 08:00	18.12	5.93	122.62	13.68	17.91	2.07	41.34	13.66	34.86	11.41	235.92	34.38	3.97	79.34	
05/08/2024 08:05	18.16	6.26	125.64	13.68	17.96	2.28	44.29	13.66	34.95	12.06	241.83	34.46	4.37	85.01	
05/08/2024 08:10	17.39	6.24	124.69	13.68	17.36	1.62	40.01	13.65	33.47	12.01	239.99	33.28	3.1	76.69	
05/08/2024 08:15	17.98	5.83	120.93	13.67	18.06	1.99	40.95	13.65	34.55	11.21	232.42	34.59	3.81	78.46	
05/08/2024 08:20	18.35	6.15	125.03	13.67	18.17	2.35	45.8	13.65	35.3	11.83	240.51	34.83	4.5	87.84	
05/08/2024 08:25	18.44	6.1	125.05	13.68	17.55	1.59	40.42	13.64	35.48	11.73	240.63	33.61	3.04	77.42	
05/08/2024 08:30	18.32	5.79	120.8	13.66	18.13	2.02	40.38	13.64	35.18	11.11	232.01	34.72	3.86	77.35	
05/08/2024 08:35	18.28	6.07	123.5	13.66	18.23	2.24	43.68	13.64	35.11	11.65	237.23	34.92	4.3	83.7	
05/08/2024 08:40	18.23	6.16	122.7	13.66	17.53	1.47	40.08	13.64	35.03	11.83	235.71	33.55	2.81	76.7	
05/08/2024 08:45	18.19	5.85	121.3	13.66	18.19	1.98	41.25	13.64	34.93	11.23	232.9	34.83	3.8	79	
05/08/2024 08:50	18.38	6.02	124.47	13.66	18.33	2.18	46.11	13.64	35.31	11.57	239.05	35.11	4.17	88.34	
05/08/2024 08:55	18.38	6.02	124.69	13.66	17.35	1.36	39.92	13.63	35.3	11.56	239.52	33.17	2.61	76.3	
05/08/2024 09:00	18.26	5.81	121.58	13.65	17.92	1.82	39.87	13.63	35.02	11.15	233.2	34.26	3.48	76.23	
05/08/2024 09:05	18.41	6.09	124.98	13.65	18.1	2.07	43.32	13.63	35.3	11.67	239.64	34.61	3.96	82.86	
05/08/2024 09:10	18.58	6.13	125.41	13.65	17.37	1.3	40.19	13.62	35.61	11.75	240.38	33.15	2.48	76.71	
05/08/2024 09:15	18.23	5.73	120.93	13.64	17.63	1.68	41.23	13.62	34.93	10.98	231.64	33.66	3.22	78.73	
05/08/2024 09:20	18.36	6.08	123.76	13.65	17.79	1.93	43.93	13.62	35.19	11.65	237.22	33.99	3.69	83.93	
05/08/2024 09:25	18.27	6.02	123.22	13.65	17.36	1.21	40.21	13.61	35.01	11.54	236.19	33.11	2.31	76.67	
05/08/2024 09:30	18.19	5.56	119.92	13.63	17.84	1.6	39.54	13.6	34.77	10.63	229.23	33.99	3.04	75.32	
05/08/2024 09:35	18.44	5.96	123.88	13.63	17.97	1.89	42.73	13.61	35.27	11.4	236.93	34.25	3.6	81.46	
05/08/2024 09:40	18.42	6.07	125.08	13.63	17.47	1.12	39.62	13.6	35.24	11.6	239.29	33.25	2.14	75.43	
05/08/2024 09:45	18.42	5.51	121.37	13.61	18.08	1.45	40.63	13.59	35.13	10.52	231.55	34.38	2.76	77.27	
05/08/2024 09:50	18.39	5.74	123.03	13.61	18.19	1.82	44.21	13.59	35.06	10.95	234.52	34.6	3.46	84.11	
05/08/2024 09:55	18.53	5.86	122.95	13.61	17.35	1.14	39.44	13.58	35.32	11.17	234.37	32.96	2.16	74.9	
05/08/2024 10:00	18.33	5.45	119.02	13.6	17.96	1.49	39.82	13.58	34.92	10.39	226.74	34.11	2.84	75.64	
05/08/2024 10:05	18.44	5.5	120.84	13.6	18.12	1.68	41.94	13.58	35.11	10.48	230.08	34.41	3.19	79.66	
05/08/2024 10:10	18.64	5.47	119.75	13.6	17.28	0.89	38.05	13.56	35.49	10.42	228.02	32.73	1.69	72.08	
05/08/2024 10:15	18.3	5.19	116.46	13.59	17.78	1.44	39.34	13.56	34.78	9.86	221.37	33.7	2.72	74.54	
05/08/2024 10:20	18.47	5.58	120.6	13.59	17.97	1.73	43.75	13.57	35.13	10.62	229.38	34.08	3.28	82.95	
05/08/2024 10:25	18.5	5.57	120.84	13.59	17.62	1.03	39.02	13.56	35.19	10.59	229.85	33.37	1.95	73.88	
05/08/2024 10:30	18.43	5.25	118.27	13.57	17.78	1.2	39.92	13.55	34.97	9.97	224.42	33.63	2.27	75.54	
05/08/2024 10:35	18.24	5.53	120.69	13.57	18.03	1.59	43.35	13.56	34.61	10.49	229.01	34.14	3.02	82.08	
05/08/2024 10:40	18.5	5.63	120.86	13.58	17.68	1.11	39.66	13.55	35.12	10.68	229.44	33.44	2.1	75	
05/08/2024 10:45	18.46	5.21	118.11	13.57	18.23	1.42	39.56	13.55	35	9.89	223.92	34.46	2.68	74.78	
05/08/2024 10:50	18.25	5.28	121.9	13.56	18.35	1.62	42.19	13.55	34.58	10.01	230.91	34.69	3.07	79.75	
05/08/2024 10:55	18.44	5.38	122.23	13.56	17.3	0.82	39.86	13.53	34.92	10.19	231.51	32.64	1.55	75.19	
05/08/2024 11:00	18.2	5.19	118.79	13.55	17.33	1.18	40.32	13.53	34.44	9.82	224.75	32.68	2.22	76.05	
05/08/2024 11:05	18.56	5.45	121.33	13.56	17.67	1.49	45.88	13.53	35.13	10.32	229.65	33.33	2.82	86.58	
05/08/2024 11:10	18.94	5.55	121.11	13.56	17.55	0.68	38.9	13.52	35.86	10.51	229.33	33.05	1.28	73.27	
05/08/2024 11:15	18.56	5.03	116.64	13.54	17.98	1.17	38.55	13.52	35.05	9.49	220.31	33.85	2.2	72.57	
05/08/2024 11:20	18.18	5.39	121.1	13.54	18.19	1.48	41.98	13.52	34.36	10.18	228.83	34.25	2.78	79.05	
05/08/2024 11:25	17.91	5.49	121.48	13.55	17.52	0.86	38.74	13.52	33.86	10.37	229.7	32.99	1.61	72.94	
05/08/2024 11:30	18.22	5.07	117.83	13.54	18.24	1.15	39.31	13.52	34.4	9.57	222.47	34.36	2.16	74.05	
05/08/2024 11:35	18.25	5.14	120.86	13.54	18.34	1.43	42.24	13.52	34.46	9.71	228.2	34.55	2.69	79.59	
05/08/2024 11:40	18.31	5.33	121.23	13.54	17.63	0.84	37.9	13.51	34.57	10.06	228.84	33.18	1.58	71.33	
05/08/2024 11:45	18.46	5.03	117.2	13.54	18.12	1.21	39.54	13.52	34.85	9.5	221.28	34.13	2.28	74.47	
05/08/2024 11:50	18.51	5.22	119.99	13.54	18.34	1.5	42.57	13.52	34.97	9.86	226.68	34.56	2.83	80.22	
05/08/2024 11:55	18.97	5.24	119.64	13.54	17.69	0.78	39.22	13.51	35.83	9.89	226.02	33.28	1.47	73.78	
05/08/2024 12:00	18.44	4.87	116.7	13.52	17.79	0.73	38.3	13.5	34.75	9.19	219.95	33.4	1.37	71.91	
05/08/2024 12:05	17.95	5.18	121.07	13.53	18.01	1.12	41.71	13.5	33.83	9.76	228.19	33.84	2.11	78.38	
05/08/2024 12:10	17.83	5.35	121.41	13.53	17.54	0.74	38.44	13.5	33.62	10.08	228.97	32.96	1.4	72.24	
05/08/2024 12:15	18.28	5.1	115.59	13.52	17.88	0.85	38.82	13.5	34.45	9.62	217.87	33.6	1.6	72.96	
05/08/2024 12:20	18.1	5.09	121.7	13.52	18.07	1.09	41.82	13.5	34.1	9.59	229.34	33.96	2.05	78.62	
05/08/2024 12:25	18.36	5.22	121.09	13.52	17.48	0.68	39.42	13.49	34.58	9.83	228.09	32.8	1.27	73.95	
05/08/2024 12:30	18.16	4.94	118.17	13.52	17.42	0.64	38.7	13.49	34.19	9.3	222.47	32.68	1.21	72.6	
05/08/2024 12:35	18.28	5.35	121.5	13.53	17.54	0.97	41.57	13.5	34.47	10.08	229.08	32.92	1.82	78.06	
05/08/2024 12:40	18.28	5.33	120.86	13.53	17.46	0.63	40.05	13.5	34.5	10.06	228.08	32.81	1.17	75.24	
05/08/2024 12:45	18.16	5.13	118.57	13.52	18.01	0.95	39.51	13.5	34.2	9.66	223.28	33.8	1.78	74.17	
05/08/2024 12:50	18.2	5.32	122.58	13.52	18.32	1.22	42.74	13.5	34.27	10.01	230.85	34.4	2.28	80.27	
05/08/2024 12:55	18.42	5.49	123.56	13.52	17.49	0.81	39.95	13.5	34.7	10.34	232.74	32.86	1.52	75.04	
05/08/2024 13:00	18.37	5.14	119.68	13.52	17.68	0.91	39.73	13.5	34.62	9.69	225.53	33.23	1.72	74.64	
05/08/2024 13:05	18.22	5.16	122.24	13.53	17.78	1.11	44.05	13.5	34.37	9.74	230.51	33.42	2.08	82.82	
05/08/2024 13:10	18.08	5.1	122.73	13.53	17.67	0.61	39.68	13.49	34.07	9.61	231.32	33.15	1.15	74.46	
05/08/2024 13:15	18.02	4.96	119.35	13.52	17.48	0.82	41.34	13.49	33.93	9.33	224.72	32.79	1.54	77.55	
05/08/2024 13:20	17.95	5.29	122.26	13.53	17.64	1.13	44.05	13.49	33.85	9.97	230.53	33.11	2.12	82.71	
05/08/2024 13:25	17.91	5.35	120.98	13.53	17.45	0.69	40.78	13.5	33.77	10.08	228.17	32.79	1.3	76.59	
05/08/2024 13:30	18.28	5.03	118.21	13.52	17.84	0.88	40.28	13.5	34.42	9.48	222.64	33.5	1.66	75.62	
05/08/2024 13:35	18.16	5.15	122.55	13.52	17.99	1.15	43.31	13.5	34.2	9.69	230.78	33.78	2.16	81.33	
05/08/2024 13:40	18.05	5.19	123.27	13.52	17.6	0.49	41.21	13.48	33.99	9.78	232.18	32.98	0.92	77.19	
05/08/2024 13:45	18.02	5.06	121.93	13.51	17.26	0.54	41.55	13.47	33.87	9.52	229.26	32.3	1.01	77.77	
05/08/2024 13:50	18.11	5.48	124.79	13.52	17.52	0.									



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
05/08/2024 15:15	18.15	5.27	123	13.53	17.69	1.32	43.33	13.51	34.22	9.94	231.92	33.25	2.48	81.46	
05/08/2024 15:20	17.9	5.53	127.49	13.53	17.78	1.69	47.91	13.51	33.75	10.43	240.36	33.43	3.17	90.13	
05/08/2024 15:25	18.05	5.72	127.05	13.53	17.25	0.86	43.37	13.5	34.04	10.79	239.65	32.42	1.62	81.52	
05/08/2024 15:30	18.18	5.46	123.52	13.53	17.91	1.51	44.23	13.51	34.28	10.29	232.91	33.68	2.84	83.19	
05/08/2024 15:35	18.03	5.44	126.25	13.53	18.13	1.84	47.53	13.51	34.03	10.26	238.27	34.12	3.47	89.47	
05/08/2024 15:40	18.11	5.49	126.27	13.54	17.44	0.91	43.53	13.51	34.18	10.36	238.33	32.78	1.72	81.82	
05/08/2024 15:45	17.98	5.32	123.57	13.52	17.32	0.93	43.27	13.5	33.89	10.03	232.89	32.53	1.74	81.28	
05/08/2024 15:50	18.11	5.52	127.14	13.53	17.43	1.2	46.5	13.5	34.16	10.41	239.77	32.75	2.25	87.38	
05/08/2024 15:55	18.09	5.55	127.7	13.53	17.46	0.84	43.14	13.5	34.13	10.47	240.89	32.79	1.58	80.99	
05/08/2024 16:00	17.96	5.29	124.34	13.52	17.28	0.95	43.95	13.49	33.84	9.97	234.31	32.43	1.78	82.5	
05/08/2024 16:05	18.02	5.77	127.53	13.54	17.67	1.45	46.98	13.5	34.02	10.89	240.74	33.21	2.73	88.29	
05/08/2024 16:10	18.36	5.86	127.56	13.54	17.34	0.9	42.47	13.51	34.65	11.07	240.78	32.63	1.69	79.9	
05/08/2024 16:15	18.18	5.31	122.87	13.53	18.14	1.33	41.6	13.51	34.28	10.01	231.75	34.13	2.51	78.26	
05/08/2024 16:20	17.99	5.43	126.36	13.53	18.15	1.56	44.75	13.51	33.95	10.24	238.46	34.16	2.93	84.23	
05/08/2024 16:25	18.5	5.52	126.48	13.54	16.76	0.59	42.33	13.51	34.92	10.42	238.75	31.52	1.11	79.59	
05/08/2024 16:30	18.26	5.24	121.85	13.54	17.64	1.27	42.02	13.52	34.48	9.89	230.03	33.2	2.39	79.1	
05/08/2024 16:35	17.94	5.48	125.93	13.55	17.95	1.63	44.91	13.52	33.9	10.36	237.99	33.8	3.07	84.6	
05/08/2024 16:40	17.86	5.5	125.86	13.55	17.53	0.93	42.5	13.51	33.75	10.4	237.87	33	1.75	79.98	
05/08/2024 16:45	17.91	5.3	121.94	13.54	17.93	1.44	42.58	13.52	33.81	10	230.21	33.75	2.71	80.14	
05/08/2024 16:50	18.01	5.74	125.89	13.55	18.15	1.72	43.73	13.52	34.06	10.86	238.08	34.18	3.25	82.38	
05/08/2024 16:55	18.13	5.74	125.41	13.56	17.41	0.97	42.27	13.53	34.31	10.86	237.36	32.83	1.82	79.7	
05/08/2024 17:00	18.11	5.37	121.7	13.55	18.29	1.41	41.7	13.52	34.25	10.16	230.09	34.48	2.66	78.6	
05/08/2024 17:05	18.06	5.19	123.71	13.53	18.43	1.64	44.51	13.53	34.05	9.79	233.26	34.74	3.09	83.87	
05/08/2024 17:10	18.22	4.88	119.61	13.51	16.95	0.77	41.19	13.52	34.28	9.18	225.05	31.94	1.46	77.58	
05/08/2024 17:15	18.16	4.64	115.97	13.51	17.56	1.04	40.68	13.52	34.16	8.72	218.07	33.09	1.95	76.64	
05/08/2024 17:20	18.24	4.86	120.09	13.51	17.82	1.37	43.5	13.52	34.28	9.14	225.79	33.58	2.57	81.96	
05/08/2024 17:25	18.5	4.86	119.31	13.5	17.31	0.77	41.65	13.52	34.77	9.14	224.26	32.6	1.45	78.44	
05/08/2024 17:30	18.11	4.58	116.04	13.5	17.63	1.17	41.51	13.52	34.03	8.6	218.02	33.21	2.2	78.18	
05/08/2024 17:35	18.37	5.25	120.46	13.53	17.82	1.58	47.37	13.52	34.66	9.91	227.34	33.59	2.97	89.31	
05/08/2024 17:40	18.5	5.44	122.42	13.56	17.37	0.81	39.56	13.51	35.02	10.3	231.72	32.68	1.52	74.43	
05/08/2024 17:45	18.12	5.25	122.19	13.54	17.77	0.83	36.29	13.49	34.24	9.93	230.89	33.31	1.56	68.05	
05/08/2024 17:50	18.05	5.76	127.17	13.55	17.91	1.17	39.77	13.49	34.14	10.9	240.5	33.6	2.21	74.68	
05/08/2024 17:55	18.28	5.92	127.22	13.55	17.43	0.82	36.54	13.49	34.59	11.21	240.69	32.72	1.54	68.59	
05/08/2024 18:00	18.06	5.47	123.53	13.55	18.1	0.91	35.86	13.49	34.14	10.34	233.52	33.96	1.71	67.29	
05/08/2024 18:05	18.03	5.59	126.55	13.55	18.24	1.14	41	13.5	34.08	10.56	239.26	34.23	2.14	77	
05/08/2024 18:10	17.83	5.61	126.28	13.55	17.22	0.68	39.03	13.5	33.72	10.61	238.82	32.35	1.29	73.34	
05/08/2024 18:15	17.9	5.49	123.44	13.55	17.66	1.58	43.08	13.53	33.84	10.38	233.39	33.29	2.98	81.21	
05/08/2024 18:20	18.02	5.8	126.19	13.56	17.89	1.96	47.29	13.53	34.12	10.98	238.89	33.75	3.71	89.25	
05/08/2024 18:25	17.95	5.72	126.42	13.56	17.15	0.91	41.63	13.53	34	10.83	239.39	32.33	1.71	78.48	
05/08/2024 18:30	17.93	5.33	122.93	13.55	17.96	1.56	41.98	13.53	33.89	10.08	232.43	33.87	2.94	79.2	
05/08/2024 18:35	18.02	5.81	126.36	13.56	17.96	1.84	46.6	13.54	34.12	11	239.2	33.9	3.48	87.98	
05/08/2024 18:40	18.14	5.8	125.94	13.56	17.37	1.1	41.9	13.53	34.34	10.98	238.42	32.77	2.08	79.02	
05/08/2024 18:45	18.02	5.41	123.09	13.55	18.09	1.67	42.7	13.53	34.07	10.23	232.8	34.15	3.16	80.58	
05/08/2024 18:50	17.98	5.73	126.34	13.56	18.27	1.92	45.87	13.54	34.06	10.86	239.32	34.49	3.64	86.63	
05/08/2024 18:55	18.09	5.92	126.33	13.57	17.27	1.26	42.63	13.54	34.3	11.23	239.47	32.63	2.39	80.55	
05/08/2024 19:00	18.01	5.51	122.56	13.56	18.48	2.03	43.07	13.55	34.11	10.43	232.17	34.93	3.83	81.43	
05/08/2024 19:05	18.17	5.68	125.78	13.57	18.5	2.27	47.4	13.55	34.44	10.77	238.37	34.98	4.29	89.66	
05/08/2024 19:10	18.31	5.55	125.47	13.57	17.18	1.12	43.29	13.54	34.71	10.52	237.79	32.46	2.11	81.77	
05/08/2024 19:15	18.14	5.51	122.48	13.56	17.55	1.43	42.52	13.54	34.37	10.43	232.04	33.15	2.71	80.32	
05/08/2024 19:20	18.45	6	125.94	13.57	17.83	1.69	44.54	13.55	35.01	11.39	238.97	33.71	3.19	84.21	
05/08/2024 19:25	18.31	6.02	126.17	13.58	17.18	1.03	42.22	13.55	34.76	11.43	239.53	32.47	1.95	79.81	
05/08/2024 19:30	18.01	5.45	121.85	13.57	18.07	1.6	42.52	13.55	34.13	10.34	231	34.15	3.03	80.38	
05/08/2024 19:35	18.2	5.99	126.83	13.58	18.23	1.9	45.38	13.55	34.57	11.37	240.83	34.49	3.6	85.86	
05/08/2024 19:40	18.47	6.07	126.67	13.58	17.07	1.22	43.07	13.56	35.09	11.52	240.68	32.33	2.31	81.54	
05/08/2024 19:45	18.07	5.53	123.08	13.57	17.52	1.39	43.02	13.55	34.28	10.5	233.57	33.16	2.63	81.4	
05/08/2024 19:50	18.15	5.8	126.15	13.58	17.54	1.59	45.53	13.56	34.47	11.02	239.53	33.2	3.01	86.19	
05/08/2024 19:55	17.97	5.91	125.73	13.58	17.43	1.39	42.65	13.56	34.13	11.22	238.8	32.99	2.63	80.72	
05/08/2024 20:00	18.08	5.56	120.81	13.58	17.76	1.83	41.7	13.56	34.33	10.55	229.4	33.65	3.47	78.99	
05/08/2024 20:05	18.27	5.9	126.33	13.59	17.96	2.16	44.4	13.56	34.72	11.21	240.05	34.03	4.09	84.14	
05/08/2024 20:10	18.2	5.86	125.91	13.58	17.5	1.34	42.45	13.56	34.59	11.14	239.23	33.13	2.54	80.36	
05/08/2024 20:15	18.01	5.54	122.98	13.58	17.59	1.31	41.37	13.55	34.2	10.52	233.54	33.29	2.48	78.28	
05/08/2024 20:20	18.25	6.12	127.22	13.59	17.82	1.61	46.32	13.56	34.71	11.65	242.01	33.74	3.06	87.74	
05/08/2024 20:25	18	6.11	127.66	13.6	17.46	1.34	42.32	13.57	34.27	11.64	243.02	33.09	2.53	80.21	
05/08/2024 20:30	18.07	5.63	123.84	13.58	18.03	1.69	42.25	13.57	34.34	10.7	235.31	34.18	3.2	80.07	
05/08/2024 20:35	18	5.96	126.71	13.59	18.34	2.06	45.09	13.57	34.23	11.33	240.98	34.78	3.91	85.52	
05/08/2024 20:40	17.91	6.02	126.58	13.59	17.5	1.53	42.45	13.57	34.07	11.45	240.81	33.19	2.9	80.52	
05/08/2024 20:45	17.95	5.62	122.91	13.59	17.84	1.82	43.83	13.57	34.11	10.68	233.6	33.83	3.45	83.14	
05/08/2024 20:50	18.25	5.84	126.4	13.59	18.06	2.23	48.39	13.57	34.72	11.1	240.41	34.28	4.23	91.85	
05/08/2024 20:55	18.55	5.94	126.59	13.59	17.21	1.22	42.32	13.56	35.28	11.3	240.79	32.59	2.31	80.16	
05/08/2024 21:00	18.38	5.72	120.66	13.59	17.94	1.85	41.56	13.57	34.94	10.87	229.37	34.01	3.5	78.77	
05/08/2024 21:05	18.29	5.88	126.13	13.59	18.07	1.99	44.37	13.57	34.79	11.19	239.93	34.27	3.78	84.14	
05/08/2024 21:10	18.28	5.94	125.77	13.6	17.09	1.23	41.83	13.56	34.79	11.31	239.37	32.37	2.32	79.24	
05/08/2024 21:15	18.25	5.84	123	13.59	17.41	1.8									



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
05/08/2024 22:40	18.61	6.24	126.67	13.6	17.43	1.5	43.44	13.57	35.43	11.88	241.2	33.07	2.85	82.41	
05/08/2024 22:45	18.03	5.7	123.26	13.59	17.25	1.41	42.67	13.57	34.29	10.84	234.36	32.7	2.67	80.9	
05/08/2024 22:50	18.15	6.16	127.68	13.6	17.33	1.67	45.42	13.57	34.56	11.72	243.08	32.87	3.17	86.17	
05/08/2024 22:55	18.3	6.27	127.73	13.6	17.11	1.44	42.55	13.57	34.85	11.94	243.27	32.47	2.73	80.73	
05/08/2024 23:00	18.13	5.74	123.71	13.59	17.97	1.75	43.08	13.58	34.49	10.92	235.28	34.1	3.33	81.75	
05/08/2024 23:05	18.26	6.01	126.72	13.6	18.2	2.02	46.23	13.58	34.76	11.43	241.14	34.55	3.83	87.78	
05/08/2024 23:10	18.56	6.02	126.53	13.6	17.32	1.5	43.24	13.58	35.34	11.46	240.88	32.87	2.84	82.07	
05/08/2024 23:15	18.13	5.75	122.67	13.6	17.33	1.8	42.18	13.58	34.51	10.94	233.48	32.9	3.42	80.07	
05/08/2024 23:20	18.24	5.95	126.25	13.6	17.32	1.89	47.38	13.58	34.74	11.33	240.42	32.89	3.58	89.95	
05/08/2024 23:25	18.25	5.88	126.55	13.6	16.64	1.05	43.33	13.57	34.76	11.2	241.06	31.54	1.98	82.12	
05/08/2024 23:30	18.06	5.71	123.09	13.59	17.55	1.98	44.31	13.57	34.35	10.86	234.19	33.28	3.75	84.04	
05/08/2024 23:35	18.3	6.15	126.01	13.6	17.93	2.4	47.49	13.58	34.84	11.71	239.94	34.02	4.55	90.16	
05/08/2024 23:40	18.3	6.05	126.25	13.6	17.47	1.36	42.76	13.57	34.85	11.52	240.5	33.14	2.57	81.1	
05/08/2024 23:45	17.98	5.68	123.32	13.59	17.32	1.64	42.77	13.57	34.19	10.79	234.43	32.84	3.12	81.07	
05/08/2024 23:50	18.08	6.11	126.56	13.59	17.77	2.07	47.32	13.57	34.39	11.62	240.82	33.7	3.94	89.78	
05/08/2024 23:55	18.2	6.25	126.75	13.6	17.17	1.3	43.27	13.57	34.66	11.91	241.35	32.55	2.47	82.05	
06/08/2024 00:00	18.12	5.85	124.31	13.59	17.85	1.85	43.29	13.57	34.46	11.12	236.37	33.87	3.51	82.14	
06/08/2024 00:05	17.86	6.05	127.2	13.59	18.01	2.16	46.36	13.58	33.99	11.51	242.03	34.19	4.1	88.02	
06/08/2024 00:10	18.02	6.17	127.92	13.6	16.82	1.29	43.02	13.57	34.3	11.76	243.53	31.89	2.44	81.6	
06/08/2024 00:15	17.7	5.7	123.96	13.59	17.77	1.58	42.05	13.57	33.67	10.85	235.78	33.71	3	79.77	
06/08/2024 00:20	17.97	5.98	127.61	13.59	17.85	1.75	44.81	13.58	34.18	11.38	242.77	33.86	3.32	85.04	
06/08/2024 00:25	18.11	6	128.08	13.59	16.87	1.27	43.1	13.57	34.45	11.42	243.61	31.97	2.41	81.69	
06/08/2024 00:30	17.82	5.92	123.55	13.59	16.79	1.88	43.97	13.57	33.87	11.24	234.8	31.83	3.57	83.35	
06/08/2024 00:35	17.81	6.17	127.33	13.6	16.69	2.13	48.6	13.57	33.9	11.74	242.32	31.65	4.04	92.19	
06/08/2024 00:40	17.5	5.92	126.86	13.6	16.38	1.04	44.72	13.56	33.3	11.27	241.4	31.03	1.96	84.71	
06/08/2024 00:45	17.73	5.68	123.71	13.58	16.98	1.48	43.78	13.56	33.69	10.79	235.08	32.16	2.79	82.93	
06/08/2024 00:50	18.03	6.15	126.02	13.59	17.16	1.78	46.68	13.57	34.29	11.69	239.69	32.53	3.38	88.51	
06/08/2024 00:55	17.89	6.14	125.75	13.6	17.12	1.3	42.57	13.57	34.05	11.69	239.34	32.46	2.46	80.72	
06/08/2024 01:00	17.94	5.71	122.82	13.59	17.3	1.77	43.47	13.57	34.11	10.87	233.54	32.82	3.35	82.47	
06/08/2024 01:05	18.22	6.05	125.71	13.6	17.53	2.1	46.95	13.58	34.68	11.52	239.24	33.26	3.98	89.12	
06/08/2024 01:10	18.66	6.05	125.8	13.6	17.3	1.48	43.22	13.57	35.52	11.52	239.48	32.83	2.81	82	
06/08/2024 01:15	18.7	6.04	126.59	13.6	18.09	1.97	43.2	13.58	35.59	11.5	240.97	34.34	3.74	81.99	
06/08/2024 01:20	17.81	6.31	128.34	13.61	18.18	2.25	46.48	13.58	33.95	12.02	244.69	34.54	4.27	88.29	
06/08/2024 01:25	17.38	6.8	130.63	13.61	17.24	1.48	42.15	13.58	33.14	12.97	249.15	32.73	2.81	80.03	
06/08/2024 01:30	17.87	6.15	125.21	13.61	17.78	2.01	42.5	13.59	34.06	11.73	238.68	33.8	3.83	80.77	
06/08/2024 01:35	18.17	6.31	127.45	13.62	17.98	2.27	44.68	13.59	34.69	12.04	243.34	34.18	4.31	84.97	
06/08/2024 01:40	18.14	6.16	127.14	13.62	17.1	1.55	42.92	13.59	34.64	11.76	242.77	32.51	2.95	81.6	
06/08/2024 01:45	18.12	6.07	125.17	13.62	17.56	2.02	42.68	13.59	34.59	11.58	238.91	33.41	3.84	81.17	
06/08/2024 01:50	18.38	6.51	128.32	13.63	17.67	2.29	45.85	13.6	35.14	12.45	245.31	33.64	4.37	87.29	
06/08/2024 01:55	18.48	6.43	127.8	13.63	17.46	1.74	43.19	13.6	35.34	12.28	244.33	33.26	3.31	82.27	
06/08/2024 02:00	18.22	6.11	124.31	13.62	17.65	1.96	42.4	13.6	34.81	11.67	237.51	33.61	3.73	80.74	
06/08/2024 02:05	18.38	6.56	128.6	13.63	17.88	2.33	48.19	13.61	35.16	12.54	245.93	34.07	4.45	91.86	
06/08/2024 02:10	18.39	6.52	128.97	13.63	17.32	1.62	43.93	13.6	35.17	12.47	246.63	33	3.08	83.69	
06/08/2024 02:15	18.27	6.24	125.39	13.62	17.83	2.01	43.42	13.6	34.9	11.92	239.49	33.95	3.82	82.7	
06/08/2024 02:20	18.29	6.67	128.99	13.63	18	2.3	46.57	13.6	34.97	12.75	246.64	34.28	4.38	88.74	
06/08/2024 02:25	18.36	6.75	129.64	13.63	17.09	1.73	44.51	13.6	35.12	12.92	248.02	32.56	3.29	84.8	
06/08/2024 02:30	18.18	6.23	125.98	13.63	17.44	2.1	44.5	13.61	34.73	11.91	240.76	33.24	4	84.79	
06/08/2024 02:35	18.3	6.63	128.65	13.63	17.54	2.35	47.35	13.61	35.01	12.68	246.1	33.44	4.49	90.29	
06/08/2024 02:40	18.39	6.8	128.98	13.64	17.11	1.75	44.1	13.61	35.2	13.02	246.87	32.63	3.34	84.1	
06/08/2024 02:45	18.01	6.36	123.57	13.64	17.44	2.18	44.75	13.62	34.45	12.17	236.43	33.29	4.17	85.39	
06/08/2024 02:50	17.83	6.58	128.75	13.64	17.3	2.48	49.23	13.62	34.16	12.61	246.6	33.03	4.74	94.02	
06/08/2024 02:55	16.52	6.49	129.59	13.65	16.82	1.68	43.92	13.61	31.64	12.43	248.3	32.09	3.2	83.78	
06/08/2024 03:00	17.36	6.25	125.77	13.64	17.89	2.1	44.73	13.61	33.21	11.96	240.67	34.12	4	85.33	
06/08/2024 03:05	18.18	6.66	129.2	13.64	17.63	2.26	47.49	13.62	34.81	12.75	247.43	33.64	4.32	90.64	
06/08/2024 03:10	18.55	6.8	128.95	13.64	17.04	1.57	44.68	13.61	35.51	13.02	246.91	32.49	2.99	85.17	
06/08/2024 03:15	18.17	6.29	125.36	13.63	17.78	2.15	44.58	13.61	34.73	12.03	239.69	33.88	4.1	84.96	
06/08/2024 03:20	17.89	6.5	127.45	13.64	17.73	2.47	47.68	13.61	34.25	12.44	243.93	33.81	4.71	90.93	
06/08/2024 03:25	16.66	6.36	125.8	13.64	16.71	1.66	43.53	13.6	31.9	12.19	240.92	31.83	3.17	82.94	
06/08/2024 03:30	17.35	6.12	124.19	13.63	17.33	1.89	43.57	13.61	33.17	11.7	237.46	33.02	3.6	83.02	
06/08/2024 03:35	18.31	6.56	128.24	13.64	17.4	2.21	47.5	13.61	35.06	12.56	245.49	33.18	4.22	90.61	
06/08/2024 03:40	18.33	6.11	127.44	13.64	17.04	1.63	44.15	13.61	35.09	11.7	243.96	32.49	3.11	84.17	
06/08/2024 03:45	18.55	6.09	125.12	13.62	17.34	1.73	42.91	13.6	35.44	11.63	239.03	33.01	3.3	81.71	
06/08/2024 03:50	18.46	6.55	127.39	13.63	17.2	2.01	46.6	13.6	35.27	12.52	243.49	32.77	3.84	88.79	
06/08/2024 03:55	18.03	6.53	126.92	13.63	16.94	1.64	43.5	13.6	34.47	12.49	242.66	32.24	3.12	82.8	
06/08/2024 04:00	18.04	6.13	124.56	13.62	17.25	1.92	44.1	13.6	34.44	11.7	237.82	32.84	3.65	83.94	
06/08/2024 04:05	18.3	6.48	127.43	13.62	17.39	2.22	47.69	13.6	34.96	12.38	243.43	33.12	4.22	90.82	
06/08/2024 04:10	19.36	6.57	127.08	13.63	16.81	1.77	44.52	13.6	36.99	12.54	242.8	32	3.36	84.75	
06/08/2024 04:15	18.34	6.23	124.94	13.62	17.32	2.01	43.95	13.6	35.02	11.89	238.52	32.97	3.83	83.68	
06/08/2024 04:20	18.19	6.49	128.2	13.62	17.55	2.31	47.54	13.6	34.76	12.39	244.94	33.42	4.39	90.56	
06/08/2024 04:25	18.41	6.43	128.44	13.63	17.72	1.83	44.03	13.6	35.17	12.28	245.4	33.74	3.49	83.81	
06/08/2024 04:30	17.86	6.28	125.43	13.62	17.82	1.89	44.23	13.6	34.12	11.99	239.55	33.93	3.61	84.24	
06/08/2024 04:35	17.65	6.28	127.9	13.63	17.27	2.02	47.36	13.6	33.74	12	244.5	32.89	3.85	90.26	
06/08/2024 04:40	16.5	6.11	127.44	13.63	16.69	1.56	43.25	13.6</							



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
06/08/2024 06:05	18.19	6.48	127.65	13.62	17.98	2.27	45.82	13.6	34.75	12.39	243.85	34.23	4.33	87.26	
06/08/2024 06:10	18.47	6.64	127.97	13.63	16.72	1.59	44.22	13.59	35.29	12.7	244.56	31.8	3.02	84.11	
06/08/2024 06:15	18.27	6.15	124.17	13.62	17.19	1.93	44.66	13.6	34.87	11.73	236.99	32.72	3.67	85.02	
06/08/2024 06:20	18.1	6.37	127.23	13.62	17.17	2.1	47.37	13.6	34.53	12.16	242.75	32.7	4	90.19	
06/08/2024 06:25	17.75	6.47	128.44	13.61	16.76	1.57	44.48	13.58	33.86	12.34	244.98	31.84	2.99	84.49	
06/08/2024 06:30	17.95	6.1	124.06	13.61	19.81	2.26	45.85	13.58	34.21	11.62	236.42	37.63	4.3	87.1	
06/08/2024 06:35	17.75	6.5	127.67	13.62	20.1	2.47	48.4	13.59	33.88	12.41	243.73	38.2	4.69	92.03	
06/08/2024 06:40	16.53	6.44	127.3	13.62	16.82	1.68	43.96	13.59	31.58	12.3	243.17	31.97	3.19	83.55	
06/08/2024 06:45	17.44	6.21	125.22	13.61	17.38	2.11	44.59	13.58	33.26	11.84	238.83	33.02	4	84.71	
06/08/2024 06:50	18.27	6.6	128.02	13.62	17.54	2.35	50.21	13.59	34.86	12.59	244.28	33.33	4.47	95.46	
06/08/2024 06:55	17.61	6.53	127.84	13.62	17.01	1.57	43.01	13.59	33.62	12.47	244.06	32.36	2.98	81.81	
06/08/2024 07:00	17.74	6.04	123.44	13.62	17.79	2.07	42.62	13.6	33.85	11.54	235.59	33.85	3.94	81.11	
06/08/2024 07:05	17.67	6.25	125.98	13.62	17.86	2.17	46.83	13.6	33.75	11.95	240.65	34	4.13	89.18	
06/08/2024 07:10	17.41	6.3	125.55	13.62	17.05	1.5	42.89	13.59	33.24	12.03	239.77	32.44	2.86	81.6	
06/08/2024 07:15	17.76	5.95	123.09	13.62	17.61	1.73	41.8	13.6	33.89	11.36	235	33.52	3.3	79.55	
06/08/2024 07:20	18.12	6.09	124.6	13.62	17.7	1.96	45.33	13.6	34.61	11.64	238.03	33.7	3.74	86.3	
06/08/2024 07:25	18.28	6.11	124.48	13.62	17.3	1.33	40.66	13.58	34.91	11.67	237.74	32.87	2.52	77.25	
06/08/2024 07:30	18.16	5.66	119.35	13.61	18.11	1.77	40.83	13.58	34.62	10.78	227.47	34.41	3.36	77.55	
06/08/2024 07:35	18.1	6.14	123.99	13.61	18.24	2.11	45.33	13.59	34.52	11.72	236.5	34.67	4.01	86.17	
06/08/2024 07:40	18.05	6.1	123.56	13.61	17.27	1.32	40.7	13.58	34.43	11.63	235.73	32.77	2.5	77.24	
06/08/2024 07:45	18.09	5.67	119.54	13.6	17.48	1.75	40.49	13.57	34.44	10.79	227.57	33.17	3.33	76.81	
06/08/2024 07:50	18.14	6.13	125.04	13.6	17.62	2.09	44.27	13.58	34.56	11.68	238.22	33.44	3.96	84.04	
06/08/2024 07:55	18.25	6.28	126.66	13.6	17.14	1.51	42.93	13.58	34.76	11.97	241.27	32.55	2.86	81.5	
06/08/2024 08:00	18.06	5.94	123.84	13.6	17.8	1.84	42.85	13.57	34.38	11.31	235.73	33.77	3.48	81.29	
06/08/2024 08:05	18.04	6.28	127.56	13.6	17.93	2.09	46.21	13.58	34.36	11.97	243	34.03	3.97	87.72	
06/08/2024 08:10	18.22	6.3	127.56	13.61	17.13	1.54	43.84	13.57	34.73	12.01	243.15	32.5	2.92	83.2	
06/08/2024 08:15	18.08	5.88	123.54	13.6	17.83	1.87	42.55	13.57	34.42	11.2	235.23	33.82	3.55	80.72	
06/08/2024 08:20	18.08	6.14	126	13.6	18	2.1	45.25	13.58	34.44	11.69	239.99	34.16	3.98	85.89	
06/08/2024 08:25	18.11	6.1	125.02	13.6	17.13	1.37	42.75	13.57	34.49	11.61	238.09	32.49	2.61	81.11	
06/08/2024 08:30	18.16	5.86	121.95	13.6	17.82	1.92	42.52	13.58	34.58	11.15	232.15	33.83	3.64	80.7	
06/08/2024 08:35	18.17	6.06	125.05	13.6	17.87	2.06	45.59	13.58	34.62	11.55	238.25	33.92	3.91	86.55	
06/08/2024 08:40	18.11	6.07	125.25	13.6	16.98	1.23	43.28	13.57	34.5	11.56	238.64	32.21	2.34	82.06	
06/08/2024 08:45	18.03	5.69	120.93	13.6	17.38	1.71	43.6	13.57	34.32	10.83	230.14	32.98	3.25	82.72	
06/08/2024 08:50	18.26	5.92	123.13	13.6	17.6	2.08	47.75	13.58	34.78	11.29	234.58	33.41	3.96	90.66	
06/08/2024 08:55	18.36	5.8	122.59	13.6	17.16	1.31	42.9	13.57	34.98	11.05	233.58	32.53	2.49	81.31	
06/08/2024 09:00	18.05	5.58	120.59	13.59	17.61	1.65	42.97	13.56	34.31	10.61	229.22	33.35	3.12	81.37	
06/08/2024 09:05	18.25	6.06	124.44	13.59	17.91	2.01	45.86	13.56	34.7	11.52	236.57	33.92	3.81	86.91	
06/08/2024 09:10	18.58	6.17	125.3	13.59	17.33	1.31	43.26	13.56	35.34	11.75	238.32	32.8	2.47	81.88	
06/08/2024 09:15	18.17	5.54	120.11	13.57	17.73	1.55	44.19	13.55	34.47	10.51	227.89	33.53	2.94	83.55	
06/08/2024 09:20	18.33	5.86	123.35	13.57	17.93	1.88	47.36	13.55	34.77	11.11	234.06	33.92	3.56	89.61	
06/08/2024 09:25	18.3	5.94	123.14	13.58	17.12	1.3	43.18	13.54	34.74	11.28	233.77	32.35	2.45	81.61	
06/08/2024 09:30	18.14	5.44	119.5	13.56	17.62	1.66	42.82	13.54	34.37	10.3	226.44	33.28	3.14	80.9	
06/08/2024 09:35	18.27	5.75	123.55	13.56	17.78	1.95	46.7	13.54	34.59	10.89	233.92	33.59	3.69	88.25	
06/08/2024 09:40	18.22	5.92	123.91	13.56	17.25	1.19	42.27	13.53	34.49	11.22	234.58	32.54	2.24	79.74	
06/08/2024 09:45	18.16	5.58	120.87	13.55	17.82	1.66	42.72	13.54	34.35	10.56	228.71	33.63	3.14	80.62	
06/08/2024 09:50	18.49	5.69	122.84	13.56	17.92	1.88	45.76	13.54	34.99	10.77	232.49	33.83	3.55	86.37	
06/08/2024 09:55	18.58	5.69	123.27	13.55	17.2	0.96	42.99	13.52	35.16	10.77	233.26	32.38	1.8	80.94	
06/08/2024 10:00	18.21	5.44	117.7	13.54	17.81	1.3	41.96	13.51	34.39	10.27	222.37	33.51	2.44	78.95	
06/08/2024 10:05	18.35	5.82	123.16	13.55	17.92	1.51	44.23	13.52	34.7	11	232.89	33.73	2.84	83.28	
06/08/2024 10:10	18.55	5.8	123.16	13.55	17.36	1	42.22	13.52	35.07	10.97	232.86	32.68	1.88	79.48	
06/08/2024 10:15	18.29	5.36	118.86	13.53	17.89	1.2	42.07	13.51	34.51	10.12	224.24	33.65	2.26	79.12	
06/08/2024 10:20	18.27	5.5	122.45	13.53	18.03	1.47	44.85	13.51	34.45	10.38	230.94	33.91	2.76	84.37	
06/08/2024 10:25	18.56	5.63	122.55	13.53	17.36	1.15	41.49	13.5	35	10.61	231.07	32.62	2.16	77.96	
06/08/2024 10:30	18.34	5.32	118.97	13.52	17.87	1.2	41.87	13.5	34.56	10.03	224.21	33.58	2.26	78.68	
06/08/2024 10:35	18.43	5.35	121.3	13.53	17.92	1.34	44.45	13.5	34.75	10.08	228.66	33.68	2.53	83.55	
06/08/2024 10:40	18.22	5.19	120.34	13.52	17.2	0.6	40.8	13.49	34.33	9.78	226.77	32.25	1.12	76.5	
06/08/2024 10:45	18.22	5.14	118.2	13.51	18.39	1.66	41.9	13.49	34.29	9.67	222.49	34.52	3.11	78.64	
06/08/2024 10:50	18.31	5.5	121.62	13.52	18.61	2.02	46.16	13.5	34.51	10.36	229.17	34.94	3.79	86.72	
06/08/2024 10:55	18.58	5.52	121.98	13.53	17.76	1.01	40.71	13.5	35.02	10.4	229.96	33.35	1.9	76.42	
06/08/2024 11:00	18.5	5.08	117.98	13.51	17.94	1.03	40.37	13.49	34.8	9.56	221.95	33.63	1.94	75.68	
06/08/2024 11:05	18.53	5.07	120.83	13.5	18.08	1.29	43.57	13.49	34.83	9.53	227.09	33.9	2.42	81.68	
06/08/2024 11:10	19.14	5.25	121.67	13.5	17.51	0.76	40.89	13.47	35.96	9.87	228.59	32.75	1.43	76.5	
06/08/2024 11:15	18.55	5.12	118.44	13.5	17.66	1.03	40.76	13.47	34.83	9.62	222.39	33.04	1.92	76.28	
06/08/2024 11:20	18.5	5.34	120.94	13.51	17.86	1.38	43.57	13.48	34.78	10.03	227.39	33.45	2.58	81.6	
06/08/2024 11:25	18.53	5.38	120.53	13.51	17.82	0.78	40.49	13.47	34.85	10.11	226.64	33.37	1.46	75.79	
06/08/2024 11:30	18.53	5.07	117.66	13.49	18.03	0.95	41.39	13.47	34.78	9.53	220.87	33.74	1.78	77.45	
06/08/2024 11:35	18.39	5.03	121.99	13.49	18.2	1.22	44.02	13.47	34.48	9.43	228.77	34.05	2.28	82.37	
06/08/2024 11:40	18.66	5.08	121.77	13.48	17.71	0.79	41.32	13.46	34.97	9.52	228.24	33.06	1.48	77.16	
06/08/2024 11:45	18.49	5.01	118.53	13.48	18.07	1.26	41.49	13.45	34.65	9.38	222.1	33.73	2.36	77.46	
06/08/2024 11:50	18.42	5.3	122.13	13.49	18.33	1.64	44.44	13.46	34.57	9.95	229.18	34.24	3.07	83.04	
06/08/2024 11:55	18.5	5.32	121.5	13.5	17.63	0.73	41.53	13.46	34.73	9.98	228.08	32.95	1.37	77.63	
06/08/2024 12:00	18.54	5.11	117.25	13.48	17.98	1.01	42	13.46	34.74	9.57	219.72	33.59	1.89	78.44	
06/08/2024 12:05	18.53	5.1	122.21	13.48	18.12	1.28	44.51	13.46</							



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
06/08/2024 13:30	18.61	4.97	119.82	13.45	17.95	0.61	41.58	13.42	34.71	9.28	223.45	33.34	1.12	77.26	
06/08/2024 13:35	18.64	5.01	122.87	13.44	18.04	0.87	44.63	13.42	34.75	9.34	229.04	33.52	1.62	82.95	
06/08/2024 13:40	18.81	4.96	122.53	13.44	17.82	0.45	41.71	13.41	35.07	9.24	228.42	33.09	0.84	77.43	
06/08/2024 13:45	18.51	4.79	120.1	13.43	17.69	0.25	42.21	13.41	34.46	8.91	223.62	32.81	0.46	78.29	
06/08/2024 13:50	18.33	5.08	123.98	13.45	17.96	0.7	45.33	13.41	34.18	9.48	231.17	33.34	1.3	84.18	
06/08/2024 13:55	18.38	5.14	123.69	13.45	17.68	0.74	43.48	13.43	34.28	9.6	230.77	32.88	1.37	80.85	
06/08/2024 14:00	18.51	5.01	120.89	13.45	18.04	0.79	42.99	13.42	34.52	9.35	225.47	33.54	1.46	79.92	
06/08/2024 14:05	18.31	5.09	124.4	13.45	18.16	1.07	45.95	13.43	34.18	9.5	232.19	33.77	1.99	85.47	
06/08/2024 14:10	18.39	5.19	124.64	13.45	18.04	0.83	43.52	13.42	34.33	9.69	232.7	33.53	1.54	80.87	
06/08/2024 14:15	18.38	4.98	121.86	13.44	17.96	0.71	43.72	13.42	34.24	9.28	227.04	33.37	1.32	81.21	
06/08/2024 14:20	18.51	5.2	125.85	13.44	18.13	1.06	47.64	13.42	34.49	9.68	234.51	33.68	1.96	88.54	
06/08/2024 14:25	18.58	5.27	126.63	13.44	18.18	0.99	44.09	13.41	34.63	9.82	236.01	33.75	1.84	81.83	
06/08/2024 14:30	18.51	5	122.34	13.43	17.54	0.92	44.93	13.41	34.43	9.3	227.62	32.55	1.71	83.36	
06/08/2024 14:35	18.01	4.8	125.78	13.43	17.51	1.19	46.54	13.41	33.5	8.92	233.99	32.49	2.2	86.35	
06/08/2024 14:40	18.03	4.74	126.11	13.43	17.76	0.49	43.43	13.4	33.56	8.82	234.7	32.93	0.92	80.53	
06/08/2024 14:45	18.37	4.91	121.25	13.43	17.65	0.7	45.09	13.41	34.19	9.13	225.65	32.74	1.3	83.64	
06/08/2024 14:50	18.06	5.19	126.19	13.44	17.8	1.06	47.88	13.41	33.65	9.67	235.14	33.04	1.96	88.91	
06/08/2024 14:55	18.17	5.38	126.67	13.44	17.92	0.82	44.24	13.42	33.86	10.02	236.04	33.29	1.53	82.19	
06/08/2024 15:00	18.24	5.1	122.92	13.43	17.84	0.72	43.95	13.41	33.95	9.5	228.82	33.1	1.33	81.57	
06/08/2024 15:05	17.98	4.9	125.55	13.43	17.96	1	46.98	13.41	33.47	9.12	233.68	33.34	1.86	87.22	
06/08/2024 15:10	18	5.07	124.92	13.44	17.55	0.5	43.49	13.41	33.52	9.43	232.64	32.56	0.93	80.67	
06/08/2024 15:15	18.22	5.11	122.48	13.43	17.44	0.67	44.39	13.41	33.92	9.51	228.05	32.36	1.24	82.37	
06/08/2024 15:20	18.08	5.17	126.88	13.44	17.54	0.94	47.73	13.41	33.69	9.63	236.41	32.56	1.76	88.62	
06/08/2024 15:25	18.28	5.35	127.17	13.44	17.79	0.57	44.12	13.41	34.06	9.96	236.93	33.02	1.05	81.9	
06/08/2024 15:30	18.07	5.06	124.43	13.43	17.34	0.39	44.54	13.4	33.65	9.42	231.65	32.15	0.72	82.57	
06/08/2024 15:35	17.93	5.16	127.13	13.44	17.58	0.79	47.91	13.41	33.4	9.62	236.9	32.62	1.48	88.9	
06/08/2024 15:40	17.94	5.33	127.8	13.45	17.69	0.67	44.05	13.42	33.45	9.94	238.34	32.89	1.24	81.88	
06/08/2024 15:45	18.1	5.17	123.08	13.44	17.55	0.7	44.92	13.42	33.72	9.64	229.41	32.6	1.29	83.47	
06/08/2024 15:50	17.82	4.89	125.54	13.45	17.71	0.96	47.79	13.42	33.24	9.12	234.13	32.92	1.79	88.87	
06/08/2024 15:55	17.78	4.91	124.75	13.45	17.48	0.54	43.74	13.43	33.2	9.16	232.9	32.5	1	81.35	
06/08/2024 16:00	18.13	5.13	122.32	13.45	17.69	0.75	43.5	13.43	33.83	9.57	228.29	32.91	1.39	80.89	
06/08/2024 16:05	17.91	5.1	127.93	13.45	17.83	1.18	49.83	13.43	33.43	9.52	238.82	33.18	2.2	92.73	
06/08/2024 16:10	18	5.16	127.45	13.45	17.27	0.48	45.05	13.42	33.6	9.63	237.9	32.11	0.89	83.76	
06/08/2024 16:15	18.09	5.09	124.6	13.45	17.58	0.79	45.53	13.43	33.76	9.5	232.53	32.72	1.48	84.72	
06/08/2024 16:20	17.86	5.29	129.29	13.46	17.7	1.05	48.38	13.43	33.37	9.88	241.6	32.95	1.96	90.09	
06/08/2024 16:25	17.78	5.28	129.69	13.46	17.42	0.54	46.29	13.43	33.24	9.88	242.42	32.43	1	86.16	
06/08/2024 16:30	17.9	5.18	126.38	13.46	17.47	0.76	45.91	13.43	33.43	9.68	236.12	32.51	1.42	85.44	
06/08/2024 16:35	18.04	5.46	129.41	13.47	17.73	1.12	48.45	13.44	33.75	10.21	242.14	33.03	2.09	90.27	
06/08/2024 16:40	18.19	5.35	128.09	13.47	17.58	0.66	45.26	13.44	34.04	10.01	239.75	32.77	1.24	84.36	
06/08/2024 16:45	17.89	5.03	125.09	13.46	17.83	0.68	45.53	13.44	33.44	9.41	233.87	33.23	1.26	84.82	
06/08/2024 16:50	17.93	5.39	128.69	13.47	17.99	1.1	49.35	13.44	33.55	10.08	240.84	33.54	2.04	92.04	
06/08/2024 16:55	18.08	5.55	128.91	13.48	17.43	0.7	44.53	13.45	33.84	10.39	241.32	32.53	1.31	83.11	
06/08/2024 17:00	18.16	5.27	125	13.48	17.81	1	44.73	13.46	34.01	9.87	234.03	33.25	1.86	83.54	
06/08/2024 17:05	17.97	5.24	127.57	13.48	18.03	1.35	48.18	13.46	33.65	9.82	238.87	33.69	2.53	90.02	
06/08/2024 17:10	18.42	5.72	127.86	13.48	17.4	0.63	44.36	13.45	34.52	10.72	239.61	32.46	1.17	82.76	
06/08/2024 17:15	18.12	5.19	124.78	13.48	17.93	1.18	44.33	13.45	33.92	9.73	233.61	33.45	2.19	82.72	
06/08/2024 17:20	18.05	5.33	127.77	13.48	18.2	1.48	47.19	13.46	33.83	10	239.41	33.98	2.76	88.13	
06/08/2024 17:25	17.97	5.16	128.02	13.48	17.43	0.66	44.16	13.46	33.65	9.66	239.75	32.55	1.22	82.46	
06/08/2024 17:30	18.29	4.93	120.69	13.45	17.65	1.05	44.93	13.46	34.14	9.21	225.27	32.95	1.96	83.89	
06/08/2024 17:35	18.53	5.28	122.67	13.45	17.91	1.42	48.88	13.46	34.57	9.85	228.89	33.46	2.65	91.3	
06/08/2024 17:40	18.61	5.27	122.19	13.45	17.67	0.94	45.25	13.47	34.74	9.84	228.12	33.03	1.75	84.61	
06/08/2024 17:45	18.42	4.96	120.19	13.44	17.52	0.94	45.75	13.46	34.33	9.25	224.05	32.72	1.76	85.46	
06/08/2024 17:50	18.53	5.24	123.15	13.45	17.76	1.39	49.12	13.46	34.55	9.77	229.69	33.19	2.6	91.78	
06/08/2024 17:55	18.83	5.42	122.52	13.45	17.19	0.75	45.42	13.46	35.12	10.12	228.54	32.13	1.4	84.91	
06/08/2024 18:00	18.6	5.48	124.1	13.47	17.35	0.96	45.42	13.47	34.82	10.26	232.3	32.46	1.79	84.94	
06/08/2024 18:05	18.54	5.82	128.74	13.49	17.54	1.27	47.39	13.47	34.79	10.92	241.66	32.79	2.38	88.64	
06/08/2024 18:10	18.91	6.02	129.58	13.5	17.48	0.49	38.81	13.43	35.49	11.3	243.24	32.55	0.91	72.26	
06/08/2024 18:15	18.56	5.75	122.81	13.49	17.88	0.89	38.84	13.43	34.82	10.79	230.52	33.3	1.65	72.31	
06/08/2024 18:20	18.53	5.99	128.82	13.51	18.07	1.19	41.91	13.44	34.83	11.26	242.17	33.66	2.23	78.12	
06/08/2024 18:25	18.67	5.99	127.33	13.51	17.6	0.44	38.42	13.43	35.1	11.26	239.37	32.77	0.81	71.54	
06/08/2024 18:30	18.5	5.73	124.88	13.49	18.21	0.9	37.82	13.43	34.73	10.76	234.44	33.9	1.67	70.4	
06/08/2024 18:35	18.67	6.07	127.92	13.51	18.54	1.38	42.1	13.45	35.1	11.41	240.49	34.58	2.58	78.57	
06/08/2024 18:40	18.73	6.16	127.28	13.51	17.53	0.89	43.39	13.48	35.24	11.59	239.44	32.84	1.66	81.29	
06/08/2024 18:45	18.44	5.48	122.6	13.5	17.68	0.88	43.38	13.48	34.66	10.29	230.4	33.13	1.65	81.26	
06/08/2024 18:50	18.52	5.89	127.71	13.51	17.86	1.23	46.62	13.48	34.83	11.07	240.18	33.46	2.31	87.39	
06/08/2024 18:55	18.58	6.13	128.75	13.51	17.31	0.78	42.98	13.48	34.95	11.53	242.2	32.43	1.47	80.54	
06/08/2024 19:00	18.5	5.73	124.31	13.51	17.63	1.26	43.28	13.49	34.78	10.77	233.71	33.05	2.36	81.13	
06/08/2024 19:05	18.38	5.81	127.98	13.51	17.9	1.66	46.52	13.49	34.57	10.93	240.74	33.57	3.11	87.26	
06/08/2024 19:10	18.38	5.86	128.2	13.51	17.57	0.96	43.1	13.48	34.56	11.03	241.12	32.92	1.81	80.77	
06/08/2024 19:15	18.36	5.62	124.44	13.51	17.79	1.41	42.81	13.48	34.53	10.57	234	33.35	2.64	80.24	
06/08/2024 19:20	18.38	5.97	128.1	13.52	17.98	1.76	46.22	13.49	34.6	11.25	241.18	33.73	3.31	86.71	
06/08/2024 19:25	18.31	6.02	128.67	13.52	17.16	0.68	43.2	13.48	34.49	11.34	242.36	32.16	1.27	80.95	
06/08/2024 19:30	18.32	5.62	123.68	13.51	18.2	1.56	44.2	13.4							



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
06/08/2024 20:55	19.22	6.28	127.42	13.53	17.64	1.06	43.13	13.49	36.22	11.84	240.16	33.1	1.98	80.91	
06/08/2024 21:00	18.38	5.56	123.07	13.51	17.55	0.93	43.59	13.48	34.59	10.46	231.6	32.9	1.75	81.71	
06/08/2024 21:05	18.29	5.81	126.38	13.52	17.85	1.36	46.63	13.49	34.44	10.94	237.95	33.48	2.55	87.48	
06/08/2024 21:10	18.69	5.94	126.77	13.52	17.39	0.94	42.77	13.49	35.19	11.19	238.72	32.63	1.77	80.26	
06/08/2024 21:15	18.38	5.66	123.3	13.52	17.47	1.34	43.31	13.5	34.62	10.67	232.34	32.81	2.51	81.35	
06/08/2024 21:20	18.4	5.82	126.33	13.53	17.65	1.68	46.55	13.5	34.71	10.98	238.29	33.17	3.15	87.48	
06/08/2024 21:25	18.39	5.77	126.58	13.53	17.24	0.68	42.35	13.49	34.68	10.88	238.67	32.37	1.28	79.49	
06/08/2024 21:30	18.36	5.57	123.25	13.52	17.64	1.43	42.14	13.5	34.6	10.49	232.26	33.15	2.69	79.19	
06/08/2024 21:35	18.72	5.94	125.32	13.54	18.06	1.94	45.36	13.51	35.33	11.21	236.56	33.97	3.66	85.35	
06/08/2024 21:40	18.66	6	125.59	13.54	17.82	0.86	40.96	13.5	35.24	11.34	237.21	33.48	1.61	76.98	
06/08/2024 21:45	18.52	5.59	123.2	13.53	18.33	1.36	41.48	13.5	34.91	10.53	232.23	34.44	2.56	77.94	
06/08/2024 21:50	18.8	6.04	127.34	13.53	18.57	1.72	44.51	13.51	35.47	11.4	240.26	34.9	3.23	83.68	
06/08/2024 21:55	19.02	6.39	129.14	13.54	17.84	1.25	42.35	13.51	35.91	12.07	243.86	33.57	2.35	79.68	
06/08/2024 22:00	18.71	5.92	124.17	13.54	18.27	1.53	42.98	13.52	35.31	11.18	234.37	34.39	2.88	80.9	
06/08/2024 22:05	18.73	6.04	128.19	13.54	18.45	1.84	46.25	13.52	35.38	11.41	242.15	34.75	3.46	87.12	
06/08/2024 22:10	18.86	6.03	127.86	13.54	17.62	1.17	42.84	13.51	35.64	11.4	241.6	33.15	2.19	80.62	
06/08/2024 22:15	18.61	5.89	125.18	13.54	18.24	1.63	42.44	13.52	35.16	11.13	236.54	34.35	3.07	79.92	
06/08/2024 22:20	18.48	6.19	128.54	13.56	18.27	1.9	45.37	13.52	34.98	11.72	243.3	34.43	3.58	85.5	
06/08/2024 22:25	18.5	6.11	127.86	13.56	17.6	1.21	42.84	13.53	35.03	11.57	242.11	33.2	2.28	80.79	
06/08/2024 22:30	18.31	5.94	125.52	13.55	18.1	1.66	42.76	13.53	34.65	11.24	237.56	34.14	3.13	80.66	
06/08/2024 22:35	18.58	6.41	129.48	13.57	18.28	1.97	46.32	13.54	35.24	12.16	245.56	34.52	3.73	87.48	
06/08/2024 22:40	18.64	6.43	129.13	13.58	17.64	1.38	43.51	13.55	35.37	12.19	245.03	33.35	2.61	82.24	
06/08/2024 22:45	18.52	6.07	125.24	13.57	17.96	1.82	43.27	13.55	35.12	11.51	237.5	33.96	3.45	81.8	
06/08/2024 22:50	18.47	6.51	129.12	13.58	18.19	2.19	47.49	13.55	35.09	12.36	245.33	34.43	4.15	89.88	
06/08/2024 22:55	18.41	6.63	129.88	13.58	17.56	1.41	43.97	13.56	34.97	12.59	246.77	33.24	2.67	83.24	
06/08/2024 23:00	18.43	6.06	124.9	13.58	18.12	1.87	43.98	13.56	35.02	11.52	237.29	34.31	3.54	83.3	
06/08/2024 23:05	18.85	6.29	126.2	13.59	18.3	2.14	49.56	13.56	35.86	11.96	240.06	34.67	4.06	93.92	
06/08/2024 23:10	19.45	6.19	125.78	13.6	18.04	1.42	43.32	13.56	37.03	11.78	239.4	34.17	2.7	82.05	
06/08/2024 23:15	18.93	5.88	121.9	13.58	18.27	1.81	43.27	13.56	35.97	11.16	231.62	34.61	3.43	81.96	
06/08/2024 23:20	19.01	6.37	127.09	13.59	18.36	2.12	46.67	13.56	36.15	12.12	241.72	34.79	4.01	88.46	
06/08/2024 23:25	19.06	6.47	127.61	13.59	18	1.52	42.81	13.56	36.27	12.31	242.77	34.1	2.88	81.11	
06/08/2024 23:30	18.65	6.07	124.6	13.59	18.65	1.93	42.18	13.57	35.46	11.54	236.91	35.35	3.65	79.95	
06/08/2024 23:35	18.65	6.47	128.54	13.6	18.75	2.29	46.29	13.57	35.53	12.32	244.87	35.56	4.34	87.84	
06/08/2024 23:40	18.8	6.46	128.42	13.61	18.45	1.63	42.42	13.57	35.83	12.31	244.79	35	3.09	80.5	
06/08/2024 23:45	18.78	6.18	124.92	13.6	18.21	1.97	43.09	13.58	35.75	11.77	237.86	34.57	3.74	81.81	
06/08/2024 23:50	18.95	6.56	128.53	13.61	18.37	2.38	46.9	13.58	36.13	12.51	245.04	34.89	4.53	89.12	
06/08/2024 23:55	18.84	6.63	128.56	13.61	18.22	1.61	42.74	13.58	35.93	12.64	245.11	34.61	3.06	81.17	
07/08/2024 00:00	18.67	6.06	123.88	13.6	18.43	1.86	41.17	13.58	35.57	11.54	236.01	34.98	3.52	78.14	
07/08/2024 00:05	18.76	6.46	126.98	13.61	18.6	2.12	44.21	13.58	35.79	12.32	242.22	35.31	4.02	83.96	
07/08/2024 00:10	18.94	6.58	126.92	13.61	17.9	1.58	42.16	13.58	36.13	12.56	242.14	34.01	3	80.08	
07/08/2024 00:15	18.94	6.24	124.28	13.6	18.38	2.15	43.07	13.58	36.09	11.9	236.81	34.92	4.08	81.81	
07/08/2024 00:20	18.93	6.55	127.15	13.61	18.49	2.48	46.45	13.58	36.11	12.49	242.45	35.13	4.71	88.29	
07/08/2024 00:25	18.77	6.6	126.78	13.61	17.93	1.63	42.64	13.58	35.8	12.59	241.87	34.05	3.1	80.97	
07/08/2024 00:30	18.75	6.2	123.99	13.6	18.37	2.07	41.75	13.58	35.71	11.81	236.21	34.86	3.92	79.22	
07/08/2024 00:35	18.87	6.52	126.78	13.61	18.54	2.43	46.24	13.58	35.97	12.42	241.66	35.2	4.62	87.83	
07/08/2024 00:40	18.92	6.44	126.44	13.61	17.92	1.6	42.89	13.58	36.09	12.28	241.16	34.01	3.05	81.4	
07/08/2024 00:45	18.65	5.99	122.66	13.6	18.39	1.94	42.47	13.57	35.5	11.41	233.53	34.88	3.68	80.57	
07/08/2024 00:50	18.92	6.5	126.66	13.6	18.58	2.19	46.89	13.58	36.04	12.38	241.27	35.25	4.15	88.98	
07/08/2024 00:55	18.91	6.64	127.03	13.61	17.93	1.63	42.44	13.58	36.05	12.67	242.19	34.04	3.1	80.57	
07/08/2024 01:00	18.59	6.17	121.55	13.6	18.13	1.91	42.19	13.58	35.41	11.75	231.53	34.42	3.62	80.11	
07/08/2024 01:05	18.64	6.4	126.05	13.61	18.29	2.17	45.44	13.58	35.52	12.19	240.22	34.75	4.13	86.33	
07/08/2024 01:10	18.98	6.52	127.28	13.61	17.86	1.69	43.41	13.58	36.18	12.42	242.57	33.91	3.2	82.42	
07/08/2024 01:15	18.6	6.17	123.93	13.6	18.12	2	43.7	13.58	35.43	11.75	236.06	34.41	3.79	83	
07/08/2024 01:20	18.34	6.49	127.94	13.61	18.14	2.29	47.61	13.58	34.98	12.38	243.98	34.47	4.36	90.49	
07/08/2024 01:25	18.72	6.55	128.55	13.61	17.47	1.71	44	13.58	35.71	12.5	245.24	33.17	3.25	83.54	
07/08/2024 01:30	18.63	6.16	124.72	13.6	18.12	2.05	44.65	13.58	35.47	11.73	237.5	34.4	3.89	84.81	
07/08/2024 01:35	18.39	6.43	126.83	13.6	18.16	2.28	47.54	13.58	35.02	12.24	241.52	34.49	4.33	90.29	
07/08/2024 01:40	17.91	6.43	126.42	13.6	17.44	1.78	44.52	13.57	34.1	12.24	240.77	33.09	3.37	84.46	
07/08/2024 01:45	18.23	6.15	123.26	13.6	17.81	2.04	43.83	13.57	34.69	11.69	234.57	33.8	3.87	83.16	
07/08/2024 01:50	18.66	6.52	127.23	13.6	17.86	2.27	46.93	13.58	35.53	12.41	242.3	33.91	4.31	89.11	
07/08/2024 01:55	18.39	6.58	127.48	13.6	17.58	1.71	43.61	13.58	35.02	12.53	242.74	33.36	3.24	82.78	
07/08/2024 02:00	18.39	6.22	125.48	13.6	17.82	2.1	43.99	13.58	35.01	11.83	238.82	33.84	3.99	83.53	
07/08/2024 02:05	18.41	6.44	126.61	13.6	18	2.38	47.22	13.58	35.07	12.28	241.18	34.19	4.52	89.7	
07/08/2024 02:10	18.25	6.49	126.19	13.6	17.6	1.71	43.35	13.57	34.76	12.36	240.38	33.38	3.25	82.23	
07/08/2024 02:15	18.39	6.12	122.51	13.59	17.86	1.9	43.39	13.57	34.97	11.63	233.03	33.87	3.6	82.29	
07/08/2024 02:20	18.44	6.44	126.17	13.59	17.89	2.21	47.23	13.57	35.09	12.26	240.03	33.94	4.19	89.63	
07/08/2024 02:25	18.58	6.47	125.8	13.59	17.69	1.68	42.91	13.57	35.34	12.31	239.28	33.52	3.19	81.32	
07/08/2024 02:30	18.45	5.99	122.6	13.59	17.87	1.88	42.05	13.57	35.07	11.39	233.06	33.87	3.57	79.71	
07/08/2024 02:35	18.6	6.36	125.94	13.6	17.75	2.06	45.22	13.57	35.4	12.11	239.67	33.66	3.91	85.77	
07/08/2024 02:40	18.63	6.21	124.47	13.6	18.27	1.81	43.73	13.56	35.45	11.81	236.9	34.61	3.42	82.86	
07/08/2024 02:45	18.36	6.13	124.09	13.59	18.34	2.03	43.58	13.56	34.9	11.66	235.85	34.76	3.84	82.59	
07/08/2024 02:50	18.5	6.54	127.75	13.59	18.54	2.3	47.55	13.57	35.2	12.44	243.07	35.15	4.36	90.18	
07/08/2024 02:55	19.06	6.77	128.92	13.6	17.69										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
07/08/2024 04:20	17.78	8.05	141.87	13.65	17.53	3.12	60.04	13.62	34.08	15.44	271.97	33.49	5.95	114.67	
07/08/2024 04:25	17.27	7.94	141.89	13.65	17.45	2.2	53.22	13.61	33.08	15.22	271.86	33.26	4.19	101.47	
07/08/2024 04:30	17.77	7.54	137.79	13.63	18.7	2.7	53.84	13.61	33.99	14.43	263.59	35.67	5.15	102.68	
07/08/2024 04:35	18.13	7.8	140.11	13.63	18.72	2.92	56.77	13.61	34.68	14.91	267.94	35.7	5.57	108.28	
07/08/2024 04:40	18.3	7.77	139.8	13.63	17.39	2.21	54.18	13.6	34.98	14.85	267.28	33.11	4.2	103.17	
07/08/2024 04:45	18.08	7.48	137.5	13.62	17.93	2.62	55.04	13.61	34.55	14.29	262.71	34.16	4.99	104.89	
07/08/2024 04:50	18.13	7.71	140.53	13.63	18	2.83	57.83	13.61	34.67	14.74	268.77	34.3	5.4	110.26	
07/08/2024 04:55	17.97	7.6	139.97	13.63	17.16	2.08	54.02	13.6	34.37	14.53	267.72	32.66	3.97	102.83	
07/08/2024 05:00	17.88	7.35	136.97	13.63	17.98	2.74	54.88	13.61	34.16	14.04	261.74	34.26	5.23	104.57	
07/08/2024 05:05	18.21	7.67	140.07	13.63	17.91	2.94	57.22	13.61	34.81	14.67	267.7	34.14	5.61	109.05	
07/08/2024 05:10	18.11	7.55	139.72	13.63	17.48	2.27	54.66	13.6	34.62	14.43	267.07	33.27	4.31	104.04	
07/08/2024 05:15	17.98	7.39	134.42	13.62	17.89	2.74	55.25	13.6	34.32	14.1	256.62	34.07	5.22	105.2	
07/08/2024 05:20	18.12	7.79	141.21	13.62	18.13	3.03	58.29	13.6	34.61	14.88	269.7	34.54	5.77	111.03	
07/08/2024 05:25	18.22	7.88	141.5	13.62	17.43	2.16	54.49	13.59	34.79	15.04	270.18	33.16	4.11	103.64	
07/08/2024 05:30	18	7.5	137.93	13.61	17.64	2.54	53.78	13.59	34.33	14.3	263.06	33.55	4.84	102.25	
07/08/2024 05:35	17.99	7.91	140.89	13.62	17.74	2.87	56.94	13.59	34.37	15.11	269.16	33.75	5.47	108.33	
07/08/2024 05:40	18.27	8.08	140.92	13.63	17.57	2.26	54.67	13.59	34.91	15.45	269.31	33.43	4.3	104.01	
07/08/2024 05:45	17.95	7.71	139.13	13.62	17.73	2.72	55.75	13.59	34.26	14.72	265.51	33.73	5.17	106.08	
07/08/2024 05:50	18.2	8.07	142.3	13.62	17.86	3.02	58.65	13.6	34.76	15.41	271.77	33.98	5.75	111.64	
07/08/2024 05:55	18.27	8	141.73	13.62	17.41	2.27	56.7	13.59	34.89	15.29	270.75	33.1	4.32	107.8	
07/08/2024 06:00	17.92	7.57	139.26	13.61	17.59	2.61	54.97	13.59	34.19	14.45	265.67	33.43	4.95	104.49	
07/08/2024 06:05	17.99	8.08	143.04	13.61	17.56	2.94	58.38	13.59	34.32	15.42	272.91	33.38	5.59	111.02	
07/08/2024 06:10	18	8.21	144.31	13.62	17.49	2.34	56.85	13.59	34.37	15.67	275.55	33.25	4.45	108.08	
07/08/2024 06:15	17.91	7.65	139.59	13.61	17.79	2.72	55.04	13.59	34.15	14.59	266.19	33.81	5.17	104.6	
07/08/2024 06:20	18.08	8.07	142.43	13.62	17.96	3.08	58.83	13.59	34.51	15.4	271.86	34.16	5.85	111.9	
07/08/2024 06:25	18.42	8.1	142.95	13.62	17.49	2.3	56.66	13.59	35.18	15.46	272.96	33.24	4.38	107.7	
07/08/2024 06:30	18.01	7.61	139.58	13.61	17.95	2.76	56.66	13.59	34.33	14.5	266.17	34.12	5.25	107.7	
07/08/2024 06:35	17.92	8.14	143.85	13.62	18	3.07	61.45	13.59	34.19	15.52	274.47	34.23	5.83	116.84	
07/08/2024 06:40	17.91	8.19	143.89	13.61	17.19	2.37	58.12	13.58	34.16	15.63	274.51	32.65	4.5	110.36	
07/08/2024 06:45	17.86	7.87	139.15	13.61	17.9	2.65	57.05	13.58	34.03	15.01	265.19	33.99	5.03	108.32	
07/08/2024 06:50	17.91	8.19	143.48	13.61	18	2.89	59.87	13.58	34.16	15.62	273.7	34.2	5.5	113.76	
07/08/2024 06:55	17.92	8.14	142.19	13.61	17.39	2.25	56.51	13.58	34.18	15.53	271.15	33.03	4.27	107.33	
07/08/2024 07:00	17.83	7.76	139.85	13.6	16.78	2.57	56.62	13.58	33.97	14.78	266.44	31.85	4.87	107.51	
07/08/2024 07:05	18.08	8.18	144.03	13.61	16.86	2.92	59.88	13.58	34.46	15.59	274.46	32.02	5.54	113.75	
07/08/2024 07:10	18.08	8.25	144.77	13.61	17.45	2.23	56.49	13.57	34.45	15.73	275.89	33.09	4.23	107.16	
07/08/2024 07:15	17.78	7.76	138.2	13.6	17.78	2.63	56.4	13.57	33.85	14.77	263.11	33.72	4.98	107	
07/08/2024 07:20	18	8.11	143.4	13.61	17.79	2.92	59.57	13.58	34.32	15.45	273.36	33.77	5.53	113.09	
07/08/2024 07:25	16.7	7.93	142.83	13.61	17.52	2.14	56.35	13.57	31.84	15.11	272.25	33.24	4.07	106.88	
07/08/2024 07:30	17.64	7.69	140.43	13.6	17.3	2.41	55.6	13.57	33.58	14.65	267.37	32.82	4.57	105.47	
07/08/2024 07:35	18.06	8.13	144.31	13.61	17.46	2.76	60.12	13.58	34.42	15.49	274.99	33.14	5.25	114.12	
07/08/2024 07:40	18.25	8.1	144.42	13.61	17.02	2.01	55.87	13.57	34.79	15.44	275.35	32.25	3.81	105.89	
07/08/2024 07:45	17.78	7.77	140.09	13.59	17.94	2.46	56.76	13.57	33.84	14.79	266.51	34	4.66	107.58	
07/08/2024 07:50	18.11	8.19	144.05	13.6	18.34	2.85	60.35	13.57	34.49	15.59	274.28	34.77	5.4	114.47	
07/08/2024 07:55	18.44	8.22	144.11	13.6	17.69	2.03	54.36	13.56	35.11	15.66	274.46	33.51	3.84	102.99	
07/08/2024 08:00	17.98	7.39	138.45	13.59	19.21	2.48	54.65	13.56	34.18	14.04	263.22	36.39	4.69	103.54	
07/08/2024 08:05	17.87	7.94	143.13	13.6	19.6	2.96	60.94	13.57	34.01	15.1	272.38	37.16	5.62	115.58	
07/08/2024 08:10	19	8.19	144.45	13.6	17.42	2.05	54.88	13.56	36.17	15.59	275	32.97	3.88	103.88	
07/08/2024 08:15	18.31	7.65	141.18	13.58	17.51	2.29	55.74	13.55	34.78	14.54	268.21	33.13	4.33	105.46	
07/08/2024 08:20	17.6	7.97	144.42	13.59	17.43	2.67	59.57	13.56	33.44	15.14	274.43	32.99	5.05	112.78	
07/08/2024 08:25	18	8.27	145.66	13.58	17.75	2.32	57.24	13.55	34.2	15.71	276.75	33.59	4.39	108.31	
07/08/2024 08:30	17.81	7.67	141.01	13.58	18.66	2.75	58.55	13.56	33.81	14.56	267.63	35.34	5.21	110.86	
07/08/2024 08:35	18.06	7.94	143.96	13.58	18.8	2.99	60.37	13.56	34.31	15.09	273.49	35.61	5.66	114.34	
07/08/2024 08:40	17.5	7.94	142.47	13.58	17.37	2.16	56.06	13.55	33.25	15.09	270.7	32.86	4.08	106.07	
07/08/2024 08:45	17.77	7.45	139.68	13.58	17.91	2.62	57.32	13.56	33.72	14.15	265.13	33.9	4.96	108.51	
07/08/2024 08:50	17.86	7.69	142.69	13.58	18.01	2.87	59.88	13.56	33.91	14.59	270.82	34.1	5.43	113.37	
07/08/2024 08:55	17.78	7.77	141.92	13.58	17.37	1.94	54.63	13.54	33.74	14.74	269.31	32.8	3.67	103.21	
07/08/2024 09:00	17.87	7.26	137.13	13.57	17.99	2.41	54.86	13.54	33.87	13.75	259.92	33.99	4.56	103.66	
07/08/2024 09:05	18.07	7.55	141	13.57	18.15	2.84	60.66	13.54	34.25	14.32	267.32	34.3	5.37	114.67	
07/08/2024 09:10	18.27	7.64	142.47	13.57	17.35	1.74	54.02	13.53	34.62	14.49	270	32.7	3.28	101.84	
07/08/2024 09:15	17.96	7.25	138.57	13.55	17.83	2.18	53.93	13.52	33.97	13.73	262.18	33.61	4.11	101.63	
07/08/2024 09:20	17.88	7.56	140.71	13.56	18.01	2.5	57.27	13.53	33.84	14.31	266.31	33.95	4.71	107.99	
07/08/2024 09:25	17.89	7.69	141.8	13.56	17.54	1.6	53.08	13.52	33.86	14.56	268.39	33.04	3.01	99.97	
07/08/2024 09:30	17.9	7.02	136.64	13.54	17.9	1.97	53.05	13.51	33.81	13.26	258.05	33.68	3.71	99.82	
07/08/2024 09:35	17.85	7.27	138.75	13.54	18.07	2.5	57.77	13.51	33.7	13.72	261.88	34.01	4.71	108.74	
07/08/2024 09:40	17.84	7.43	139.28	13.54	17.71	1.9	53.06	13.51	33.68	14.02	262.9	33.29	3.57	99.76	
07/08/2024 09:45	17.89	6.94	135.85	13.52	17.88	1.9	53.9	13.5	33.72	13.08	256.05	33.59	3.57	101.27	
07/08/2024 09:50	17.97	6.96	138.4	13.52	18.02	2.25	57.27	13.5	33.83	13.11	260.56	33.86	4.22	107.61	
07/08/2024 09:55	18.14	7.03	138.55	13.52	17.32	1.54	53.2	13.48	34.15	13.24	260.85	32.44	2.88	99.63	
07/08/2024 10:00	18.04	6.96	136.09	13.5	18.11	2.22	54.8	13.48	33.91	13.09	255.82	33.93	4.16	102.67	
07/08/2024 10:05	18.15	7.26	139.33	13.51	18.3	2.44	56.37	13.48	34.14	13.65	262.04	34.29	4.57	105.65	
07/08/2024 10:10	18.42	7.22	139.11	13.51	17.6	1.46	52.99	13.47	34.64	13.58	261.58	32.93	2.73	99.14	
07/08/2024 10:15	18.11	6.83	136.06	13.49	18.24	1.81	52.76	13.46	33.97	12.81	255.28	34.1	3.39	98.63	
07/08/2024															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
07/08/2024 11:45	17.93	6.74	136.06	13.47	17.52	1.39	53.75	13.43	33.53	12.6	254.4	32.6	2.58	100.02	
07/08/2024 11:50	17.85	7.2	140.58	13.47	17.77	1.89	57.32	13.44	33.39	13.47	262.96	33.09	3.53	106.77	
07/08/2024 11:55	17.91	7.3	140.63	13.47	17.57	1.41	54.76	13.44	33.51	13.66	263.15	32.74	2.63	102.04	
07/08/2024 12:00	18.02	6.93	136.7	13.46	18.09	1.79	55.76	13.44	33.69	12.96	255.56	33.71	3.34	103.89	
07/08/2024 12:05	18.05	6.89	139.68	13.46	18.18	2.07	58.85	13.44	33.73	12.87	261	33.88	3.85	109.68	
07/08/2024 12:10	18.23	7	140.72	13.46	17.64	1.29	54.13	13.42	34.07	13.09	262.94	32.79	2.4	100.62	
07/08/2024 12:15	18.04	6.69	136.39	13.45	17.73	1.4	53.72	13.42	33.64	12.48	254.41	32.94	2.6	99.82	
07/08/2024 12:20	17.99	6.99	138.46	13.46	17.99	1.81	56.38	13.42	33.6	13.05	258.54	33.45	3.37	104.85	
07/08/2024 12:25	18.03	6.94	136.86	13.46	17.33	1.18	54.25	13.43	33.68	12.97	255.67	32.23	2.2	100.89	
07/08/2024 12:30	18.06	6.61	134.96	13.45	17.9	1.44	54.52	13.42	33.68	12.33	251.72	33.28	2.68	101.36	
07/08/2024 12:35	18.03	6.83	139.35	13.44	18.04	1.79	58.24	13.42	33.59	12.74	259.7	33.54	3.32	108.3	
07/08/2024 12:40	18.45	6.91	139.19	13.44	18.18	1.46	54.22	13.41	34.38	12.87	259.31	33.73	2.71	100.6	
07/08/2024 12:45	18.13	6.51	136.45	13.42	17.61	1.13	54.55	13.39	33.71	12.11	253.71	32.62	2.08	101.02	
07/08/2024 12:50	17.77	6.74	140.02	13.43	17.81	1.53	57.81	13.4	33.07	12.54	260.49	33	2.84	107.13	
07/08/2024 12:55	17.83	6.83	139.78	13.43	17.75	1.41	55.92	13.41	33.19	12.72	260.2	32.94	2.61	103.78	
07/08/2024 13:00	18.06	6.77	136.36	13.43	18.31	1.92	56.56	13.41	33.63	12.6	253.9	34.01	3.56	105.03	
07/08/2024 13:05	17.86	6.93	140.96	13.44	18.48	2.33	59.99	13.42	33.3	12.92	262.81	34.33	4.32	111.48	
07/08/2024 13:10	17.7	6.89	139.36	13.44	18.32	1.57	55.88	13.41	33	12.85	259.79	34	2.92	103.69	
07/08/2024 13:15	18.08	6.51	135.91	13.42	17.86	1.44	56.56	13.4	33.62	12.11	252.74	33.1	2.67	104.8	
07/08/2024 13:20	17.59	6.48	140.61	13.42	17.93	1.68	59.13	13.4	32.68	12.03	261.21	33.22	3.12	109.55	
07/08/2024 13:25	17.7	6.55	140.89	13.42	17.43	1.08	55.83	13.39	32.89	12.17	261.77	32.24	2	103.29	
07/08/2024 13:30	18.05	6.67	138.74	13.42	17.95	1.71	56.3	13.39	33.53	12.39	257.7	33.24	3.16	104.23	
07/08/2024 13:35	17.78	6.85	142.32	13.42	17.99	2.01	59.87	13.4	33.06	12.74	264.62	33.33	3.72	110.93	
07/08/2024 13:40	18.03	7.03	141.88	13.43	17.86	1.26	54.87	13.4	33.54	13.09	263.93	33.09	2.34	101.67	
07/08/2024 13:45	18.12	6.51	136.85	13.42	18.05	1.3	53.42	13.39	33.66	12.11	254.29	33.42	2.4	98.93	
07/08/2024 13:50	17.68	6.46	140.23	13.42	18.08	1.67	58.2	13.4	32.84	12	260.5	33.48	3.09	107.81	
07/08/2024 13:55	17.61	6.68	140.7	13.42	18.34	1.48	55.75	13.39	32.7	12.4	261.31	33.94	2.75	103.13	
07/08/2024 14:00	17.82	6.2	137.15	13.4	18.11	1.28	55.8	13.38	33.04	11.5	254.28	33.46	2.37	103.1	
07/08/2024 14:05	17.45	6.18	140.44	13.4	18.01	1.54	59.01	13.38	32.32	11.45	260.18	33.29	2.84	109.07	
07/08/2024 14:10	17.52	6.16	139.41	13.4	17.4	1.12	57.2	13.38	32.46	11.42	258.37	32.16	2.07	105.7	
07/08/2024 14:15	17.82	6.39	137.46	13.41	17.89	1.49	57.08	13.38	33.05	11.85	254.96	33.08	2.75	105.51	
07/08/2024 14:20	17.61	6.74	141.46	13.42	18.02	1.86	60.45	13.39	32.72	12.52	262.84	33.33	3.45	111.86	
07/08/2024 14:25	17.72	6.94	142.42	13.42	17.84	1.45	57.13	13.39	32.94	12.9	264.78	33.03	2.68	105.77	
07/08/2024 14:30	17.83	6.6	139.04	13.41	18.02	1.42	57.74	13.39	33.09	12.25	258.08	33.34	2.62	106.82	
07/08/2024 14:35	17.45	6.5	141.73	13.41	18.07	1.68	60.72	13.39	32.38	12.06	263.07	33.43	3.11	112.38	
07/08/2024 14:40	17.58	6.55	141.66	13.41	17.34	1.33	58.44	13.39	32.64	12.16	263.03	32.08	2.45	108.12	
07/08/2024 14:45	17.84	6.69	138.55	13.41	17.26	1.32	57.71	13.39	33.12	12.43	257.27	31.94	2.44	106.78	
07/08/2024 14:50	17.77	7.01	142.26	13.42	17.36	1.64	60.46	13.39	33.04	13.04	264.52	32.13	3.03	111.94	
07/08/2024 14:55	17.41	6.97	143.34	13.43	17.16	1.36	57.12	13.39	32.37	12.97	266.55	31.76	2.52	105.74	
07/08/2024 15:00	17.43	6.6	138.55	13.41	17.02	1.27	57.58	13.38	32.34	12.25	257.17	31.46	2.34	106.48	
07/08/2024 15:05	17.31	6.69	141.29	13.42	17.23	1.69	60.86	13.39	32.15	12.43	262.48	31.88	3.13	112.63	
07/08/2024 15:10	17.55	6.83	141	13.43	17.11	1.4	57.89	13.4	32.63	12.7	262.19	31.69	2.59	107.22	
07/08/2024 15:15	17.8	6.62	138.66	13.42	17.33	1.38	58.37	13.39	33.09	12.3	257.69	32.1	2.55	108.1	
07/08/2024 15:20	17.38	6.6	142.93	13.42	17.45	1.84	62.94	13.4	32.3	12.27	265.62	32.32	3.41	116.63	
07/08/2024 15:25	17.52	6.64	143.27	13.42	17.17	1.17	58.57	13.39	32.55	12.35	266.24	31.78	2.17	108.38	
07/08/2024 15:30	17.67	6.77	140.43	13.42	17.12	1.35	58.2	13.38	32.82	12.57	260.85	31.66	2.49	107.65	
07/08/2024 15:35	17.73	7.1	143.54	13.43	17.23	1.66	61.02	13.39	32.98	13.22	267.02	31.88	3.08	112.96	
07/08/2024 15:40	17.75	6.91	142.63	13.43	17.33	1.24	58.59	13.4	33.02	12.85	265.33	32.11	2.31	108.54	
07/08/2024 15:45	17.47	6.55	140.01	13.42	16.82	1.01	58.16	13.39	32.46	12.18	260.13	31.13	1.86	107.62	
07/08/2024 15:50	17.1	6.65	143.35	13.43	16.85	1.38	61.54	13.39	31.82	12.37	266.7	31.2	2.56	114	
07/08/2024 15:55	16.52	6.5	143.63	13.44	17.04	1.27	57.88	13.41	30.76	12.11	267.47	31.62	2.35	107.41	
07/08/2024 16:00	17.46	6.96	141.59	13.44	17.55	1.76	59.01	13.41	32.52	12.97	263.76	32.59	3.27	109.59	
07/08/2024 16:05	17.55	6.98	145.45	13.44	17.67	2.01	60.58	13.42	32.69	13.01	270.94	32.81	3.74	112.52	
07/08/2024 16:10	17.47	7.07	146.77	13.44	17.2	1.29	59.14	13.41	32.56	13.17	273.54	31.91	2.39	109.72	
07/08/2024 16:15	17.6	6.95	140.73	13.44	17.22	1.44	58.76	13.41	32.79	12.95	262.25	31.96	2.68	109.07	
07/08/2024 16:20	17.52	7.34	145.45	13.45	17.46	1.93	61.95	13.42	32.71	13.7	271.53	32.45	3.59	115.12	
07/08/2024 16:25	17.5	7.32	145.34	13.46	17.14	1.26	59.5	13.42	32.68	13.66	271.41	31.86	2.35	110.59	
07/08/2024 16:30	17.52	6.99	140.72	13.44	17.65	1.67	59.13	13.42	32.65	13.04	262.32	32.79	3.11	109.87	
07/08/2024 16:35	17.52	7.25	145.87	13.45	17.65	1.92	61.8	13.42	32.67	13.52	272.07	32.8	3.57	114.87	
07/08/2024 16:40	17.84	7.41	146.94	13.45	17.48	1.46	58.82	13.42	33.3	13.83	274.21	32.48	2.71	109.26	
07/08/2024 16:45	17.69	6.97	142.36	13.44	17.73	1.83	59.45	13.42	32.96	12.99	265.3	32.93	3.4	110.44	
07/08/2024 16:50	17.39	7.09	145.06	13.45	17.92	2.25	62.38	13.42	32.42	13.23	270.47	33.3	4.18	115.95	
07/08/2024 16:55	17.69	7.27	144.02	13.45	17.8	1.75	58.45	13.42	32.99	13.56	268.64	33.09	3.25	108.68	
07/08/2024 17:00	17.66	6.77	139.62	13.45	17.42	1.69	58.66	13.43	32.94	12.62	260.49	32.4	3.15	109.09	
07/08/2024 17:05	17.29	6.75	144.08	13.44	17.44	2.07	62.76	13.43	32.23	12.59	268.55	32.44	3.84	116.73	
07/08/2024 17:10	17.64	6.24	139.69	13.42	17.59	1.57	58.04	13.42	32.78	11.59	259.59	32.7	2.91	107.9	
07/08/2024 17:15	17.62	6.18	138.79	13.41	17.89	1.74	57.87	13.42	32.68	11.47	257.47	33.24	3.24	107.55	
07/08/2024 17:20	17.56	6.43	139.94	13.41	17.9	1.92	62	13.42	32.57	11.92	259.67	33.27	3.56	115.24	
07/08/2024 17:25	17.44	6.36	139.14	13.41	17.26	1.24	57.43	13.42	32.36	11.81	258.25	32.08	2.3	106.74	
07/08/2024 17:30	17.32	5.99	136.9	13.4	17.43	1.17	56.87	13.42	32.12	11.11	253.86	32.38	2.17	105.61	
07/08/2024 17:35	17.63	6.7	140.41	13.43	17.44	1.52	60.65	13.42	32.82	12.47	261.31	32.41	2.83	112.73	
07/08/2024 17:40	17.94	7.02	141.59	13.45	17.02	0.98	51.74	13.4	33.48	13.1	264.29	31.54	1.81	95.89	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
07/08/2024 19:10	17.78	7.16	145.91	13.48	17.32	1.45	56.76	13.45	33.32	13.42	273.43	32.31	2.7	105.87	
07/08/2024 19:15	17.51	6.77	141.41	13.47	17.16	1.47	57.45	13.44	32.77	12.66	264.61	32	2.74	107.12	
07/08/2024 19:20	17.6	7.31	144.93	13.48	17.15	1.79	60.4	13.45	32.99	13.7	271.62	31.99	3.35	112.7	
07/08/2024 19:25	17.78	7.21	144.2	13.49	17.36	1.67	56.84	13.46	33.34	13.51	270.35	32.43	3.12	106.19	
07/08/2024 19:30	17.62	6.72	139.94	13.48	17.59	1.7	56.61	13.46	33	12.59	262.06	32.86	3.17	105.72	
07/08/2024 19:35	17.7	7.18	144.18	13.48	17.83	2.06	59.66	13.46	33.17	13.45	270.21	33.31	3.84	111.49	
07/08/2024 19:40	18.03	7.25	144.78	13.49	17.24	1.59	56.71	13.46	33.81	13.6	271.44	32.2	2.97	105.91	
07/08/2024 19:45	17.72	7.02	141.15	13.48	18.13	2.73	57.31	13.47	33.2	13.15	264.55	33.9	5.11	107.19	
07/08/2024 19:50	17.62	7.08	143.36	13.49	18.32	3.09	62.75	13.47	33.06	13.27	268.93	34.27	5.79	117.43	
07/08/2024 19:55	17.69	6.96	142.53	13.49	17.64	1.53	53.9	13.46	33.2	13.06	267.5	32.96	2.86	100.73	
07/08/2024 20:00	17.6	6.8	137.4	13.48	17.78	1.68	54.9	13.46	32.99	12.74	257.57	33.22	3.14	102.56	
07/08/2024 20:05	17.78	7.23	143.53	13.49	17.76	1.95	58.19	13.46	33.35	13.57	269.31	33.18	3.65	108.77	
07/08/2024 20:10	17.59	7.49	144.66	13.49	17.63	1.6	54.75	13.46	33.02	14.05	271.49	32.93	3	102.31	
07/08/2024 20:15	17.3	6.68	140.57	13.48	17.91	2.28	55.05	13.46	32.4	12.52	263.32	33.46	4.25	102.85	
07/08/2024 20:20	17.81	7.76	145.32	13.49	18.19	2.74	57.92	13.47	33.43	14.56	272.68	34.01	5.13	108.3	
07/08/2024 20:25	18.19	8.08	144.22	13.5	17.29	1.58	55.63	13.46	34.16	15.18	270.84	32.32	2.96	103.99	
07/08/2024 20:30	18.04	7.29	139.44	13.49	17.24	1.41	54.5	13.46	33.82	13.67	261.47	32.2	2.63	101.8	
07/08/2024 20:35	18.38	7.57	143.63	13.49	17.52	1.77	57.56	13.46	34.48	14.21	269.44	32.74	3.32	107.58	
07/08/2024 20:40	18.69	7.72	143.14	13.49	17.51	1.99	57.58	13.47	35.07	14.49	268.65	32.76	3.73	107.71	
07/08/2024 20:45	18.15	7.39	141.44	13.49	17.88	2.19	58.54	13.47	34.04	13.86	265.26	33.44	4.09	109.49	
07/08/2024 20:50	18.97	7.8	145.1	13.49	17.95	2.48	62.59	13.47	35.6	14.64	272.28	33.58	4.64	117.15	
07/08/2024 20:55	18.91	7.89	143.92	13.5	17.89	1.83	56.93	13.47	35.49	14.82	270.17	33.45	3.43	106.46	
07/08/2024 21:00	18.16	7.51	141.29	13.5	17.91	2.38	56.11	13.48	34.1	14.1	265.25	33.55	4.46	105.08	
07/08/2024 21:05	18	7.87	145.64	13.5	18.03	2.75	60.6	13.48	33.82	14.8	273.7	33.79	5.16	113.57	
07/08/2024 21:10	18.33	8.04	145.34	13.5	17.27	1.71	56.31	13.47	34.43	15.1	273.07	32.3	3.2	105.3	
07/08/2024 21:15	18.21	7.71	141.25	13.5	17.9	2.26	57.03	13.47	34.18	14.47	265.21	33.5	4.24	106.72	
07/08/2024 21:20	18.16	8.02	145.43	13.51	18.01	2.73	60.88	13.48	34.15	15.08	273.47	33.73	5.12	114.06	
07/08/2024 21:25	18.47	7.82	143.53	13.51	17.38	1.79	56.84	13.48	34.74	14.7	269.95	32.55	3.35	106.44	
07/08/2024 21:30	18.12	7.58	142.49	13.5	17.94	2.22	57.51	13.48	34.05	14.24	267.79	33.61	4.16	107.74	
07/08/2024 21:35	18.47	8.14	146.63	13.51	18.16	2.58	60.76	13.49	34.75	15.32	275.86	34.04	4.83	113.92	
07/08/2024 21:40	18.33	8.33	146.7	13.52	17.56	2.02	57.58	13.49	34.5	15.68	276.15	32.93	3.79	107.97	
07/08/2024 21:45	18.21	7.67	142.57	13.51	17.89	2.27	55.98	13.49	34.24	14.42	268.15	33.54	4.25	104.97	
07/08/2024 21:50	18.26	8.14	147.12	13.52	18.08	2.57	58.63	13.49	34.39	15.33	277.06	33.91	4.82	109.99	
07/08/2024 21:55	18.66	8.39	148.45	13.52	17.32	1.99	57.63	13.49	35.14	15.81	279.62	32.49	3.74	108.09	
07/08/2024 22:00	18.31	7.83	144.49	13.52	18.15	2.51	57.12	13.49	34.47	14.75	271.99	34.05	4.72	107.17	
07/08/2024 22:05	18.47	7.95	145.98	13.52	18.34	2.85	60.6	13.49	34.78	14.98	274.96	34.42	5.34	113.76	
07/08/2024 22:10	18.08	7.64	145.8	13.52	16.83	1.83	56.99	13.49	34.05	14.4	274.62	31.57	3.43	106.88	
07/08/2024 22:15	17.88	7.59	142.86	13.51	17.61	2.36	56.78	13.49	33.64	14.29	268.88	33.02	4.43	106.46	
07/08/2024 22:20	18.4	8.28	146.54	13.52	17.61	2.7	59.88	13.49	34.68	15.6	276.17	33.03	5.07	112.35	
07/08/2024 22:25	18.08	8.61	148.72	13.53	17.46	1.89	56.63	13.49	34.09	16.24	280.42	32.75	3.55	106.22	
07/08/2024 22:30	18.11	7.87	145.44	13.52	17.67	2.26	56.78	13.49	34.09	14.82	273.8	33.14	4.24	106.5	
07/08/2024 22:35	18.41	8.18	146.05	13.52	17.81	2.76	62.44	13.49	34.71	15.42	275.25	33.43	5.19	117.23	
07/08/2024 22:40	18.64	8.32	145.38	13.53	17.54	1.99	56.93	13.5	35.16	15.68	274.17	32.93	3.74	106.9	
07/08/2024 22:45	18.29	7.81	142.8	13.52	17.98	2.38	56.69	13.5	34.46	14.72	269	33.75	4.47	106.43	
07/08/2024 22:50	18.42	8.09	146.7	13.53	18.04	2.72	59.8	13.5	34.71	15.25	276.53	33.87	5.11	112.33	
07/08/2024 22:55	18.44	8	146.28	13.53	17.55	2.04	56.09	13.5	34.76	15.09	275.82	32.94	3.82	105.3	
07/08/2024 23:00	18.32	7.55	141.46	13.52	19.2	2.65	57.32	13.5	34.49	14.21	266.35	36.04	4.98	107.61	
07/08/2024 23:05	18.27	8.07	146.22	13.52	19.37	3.05	61.5	13.5	34.42	15.2	275.51	36.38	5.73	115.53	
07/08/2024 23:10	18.09	8.11	146.3	13.53	17.13	1.88	56.8	13.49	34.12	15.3	275.85	32.14	3.53	106.59	
07/08/2024 23:15	18.1	7.82	143.1	13.52	17.98	2.5	57.71	13.5	34.11	14.74	269.69	33.79	4.7	108.45	
07/08/2024 23:20	18.23	8.16	146.07	13.53	18.15	2.81	60.98	13.51	34.39	15.39	275.48	34.11	5.29	114.65	
07/08/2024 23:25	18.27	8.21	145.16	13.53	17.11	1.79	56.15	13.49	34.45	15.48	273.76	32.13	3.36	105.39	
07/08/2024 23:30	18.19	7.78	142.13	13.53	17.82	2.32	56.56	13.5	34.29	14.66	267.89	33.48	4.36	106.26	
07/08/2024 23:35	18.24	8.26	146.57	13.54	18.07	2.64	59.42	13.51	34.43	15.6	276.67	33.97	4.96	111.73	
07/08/2024 23:40	18.25	8.41	146.3	13.54	17.38	1.86	55.59	13.5	34.46	15.88	276.2	32.66	3.49	104.44	
07/08/2024 23:45	18.22	7.88	142.96	13.53	17.66	2.23	55.21	13.5	34.36	14.87	269.65	33.17	4.19	103.73	
07/08/2024 23:50	18.18	8.24	146.12	13.54	17.72	2.66	59.01	13.5	34.33	15.56	275.95	33.3	5	110.96	
07/08/2024 23:55	18.31	8.36	147.19	13.55	17.6	1.93	55.87	13.51	34.61	15.81	278.18	33.08	3.64	105.03	
08/08/2024 00:00	18.1	7.56	141.83	13.53	18.18	2.54	56.69	13.51	34.14	14.25	267.53	34.18	4.77	106.56	
08/08/2024 00:05	18.42	8.23	145.74	13.54	18.28	2.81	57.7	13.51	34.79	15.55	275.2	34.39	5.28	108.53	
08/08/2024 00:10	18.7	8.5	146.11	13.54	17.7	2.06	55.64	13.51	35.33	16.07	276.02	33.28	3.88	104.63	
08/08/2024 00:15	18.31	7.75	142.32	13.53	17.78	2.36	55.95	13.51	34.53	14.62	268.51	33.43	4.45	105.24	
08/08/2024 00:20	18.32	8.19	144.95	13.54	17.8	2.72	59.08	13.51	34.61	15.46	273.75	33.5	5.13	111.19	
08/08/2024 00:25	18.64	8.32	145.02	13.54	17.56	2.12	56.29	13.51	35.21	15.71	273.96	33.03	3.99	105.86	
08/08/2024 00:30	18.33	7.76	141.71	13.53	18.02	2.31	55.53	13.51	34.58	14.65	267.36	33.87	4.34	104.37	
08/08/2024 00:35	18.29	8	144.95	13.53	18.14	2.59	58.31	13.51	34.51	15.09	273.56	34.11	4.88	109.64	
08/08/2024 00:40	18.59	8.11	144.33	13.54	17.3	1.97	56.08	13.5	35.12	15.32	272.6	32.52	3.71	105.39	
08/08/2024 00:45	18.1	7.71	141.21	13.53	18.12	2.57	56.07	13.51	34.13	14.54	266.35	34.07	4.83	105.4	
08/08/2024 00:50	18.34	8.07	144.63	13.54	18.36	2.9	59.5	13.51	34.63	15.24	273.09	34.52	5.45	111.92	
08/08/2024 00:55	18.47	8.27	145.66	13.54	17.47	1.98	56.65	13.51	34.9	15.63	275.22	32.84	3.73	106.48	
08/08/2024 01:00	18.22	7.77	141.14	13.53	17.54	2.42	55.95	13.51	34.38	14.66	266.36	32.98	4.54	105.19	
08/08/2024 01:05	18.29	8.09	143.83	13.54	17.68	2.85	60.99	13.51	34.55	15.28	271.64	33.27	5.36	114.77	
0															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
08/08/2024 02:35	18.19	8.12	144.19	13.54	18.16	2.88	59.58	13.51	34.36	15.35	272.43	34.17	5.41	112.12	
08/08/2024 02:40	18.53	8.25	144.31	13.54	17.34	1.97	55.93	13.5	35	15.59	272.57	32.6	3.7	105.11	
08/08/2024 02:45	18.07	7.75	141.17	13.53	18.23	2.49	56.67	13.51	34.09	14.62	266.31	34.27	4.68	106.53	
08/08/2024 02:50	18.23	8.15	144.36	13.54	18.46	2.83	60.29	13.51	34.42	15.39	272.55	34.72	5.32	113.41	
08/08/2024 02:55	18.17	8.21	145.06	13.54	17.28	1.9	54.84	13.5	34.31	15.5	273.93	32.45	3.56	103	
08/08/2024 03:00	17.98	7.5	139.84	13.53	18.09	2.37	54.44	13.5	33.9	14.14	263.62	33.97	4.46	102.21	
08/08/2024 03:05	18.05	7.86	142.49	13.53	18.15	2.71	57.76	13.5	34.05	14.83	268.82	34.09	5.1	108.53	
08/08/2024 03:10	18.14	7.96	142.64	13.54	17.7	2.14	54.95	13.51	34.26	15.03	269.35	33.28	4.02	103.29	
08/08/2024 03:15	17.99	7.58	139.85	13.53	17.62	2.37	55.45	13.51	33.93	14.29	263.78	33.12	4.46	104.25	
08/08/2024 03:20	18.05	7.97	143.97	13.53	17.54	2.61	57.77	13.51	34.05	15.05	271.64	32.97	4.91	108.64	
08/08/2024 03:25	17.88	8.13	143.98	13.53	17.38	2.11	55.52	13.5	33.73	15.34	271.72	32.63	3.96	104.28	
08/08/2024 03:30	17.99	7.69	140.42	13.52	17.58	2.46	55.92	13.5	33.91	14.49	264.66	33.02	4.62	105.03	
08/08/2024 03:35	18.13	7.89	143.94	13.53	17.64	2.78	59.46	13.5	34.2	14.89	271.48	33.15	5.23	111.76	
08/08/2024 03:40	18.52	8.02	144.2	13.53	17.3	1.98	55.95	13.5	34.93	15.13	272.02	32.47	3.72	105.04	
08/08/2024 03:45	17.88	7.49	140.18	13.52	17.68	2.45	55.34	13.5	33.7	14.13	264.22	33.21	4.61	103.94	
08/08/2024 03:50	18.21	8.08	143.27	13.53	17.83	2.86	59.41	13.5	34.35	15.24	270.34	33.51	5.37	111.67	
08/08/2024 03:55	18.55	8.14	144.55	13.54	17.12	1.82	56.14	13.49	35.01	15.37	272.84	32.13	3.41	105.36	
08/08/2024 04:00	17.66	7.55	140.5	13.52	16.65	2.16	55.68	13.5	33.26	14.23	264.69	31.26	4.05	104.54	
08/08/2024 04:05	18.22	8.11	143.74	13.53	16.74	2.61	60.56	13.5	34.35	15.3	271.03	31.45	4.91	113.81	
08/08/2024 04:10	18.52	8.19	144.08	13.53	17.62	2.07	56.34	13.49	34.93	15.45	271.78	33.07	3.88	105.74	
08/08/2024 04:15	18.23	7.79	139.59	13.52	17.74	2.32	56.1	13.49	34.33	14.68	262.95	33.29	4.36	105.29	
08/08/2024 04:20	18.36	8.08	143.22	13.53	17.98	2.72	59.36	13.5	34.6	15.24	269.97	33.77	5.12	111.47	
08/08/2024 04:25	18.78	8.57	143.23	13.53	17.21	2.14	56.74	13.5	35.43	16.16	270.19	32.33	4.03	106.58	
08/08/2024 04:30	18.99	7.96	141.77	13.52	18.04	2.69	58.13	13.5	35.78	15	267.1	33.88	5.05	109.16	
08/08/2024 04:35	18.2	7.99	143.82	13.53	18.2	3.13	60.71	13.5	34.31	15.06	271.12	34.19	5.88	114.06	
08/08/2024 04:40	18.45	8.19	143.72	13.53	17.21	2.12	57.35	13.5	34.79	15.44	270.93	32.31	3.97	107.65	
08/08/2024 04:45	18.13	7.7	140.52	13.52	17.96	2.63	56.54	13.5	34.15	14.5	264.71	33.72	4.95	106.16	
08/08/2024 04:50	18.14	8.04	144.23	13.53	18.01	3.06	61.46	13.5	34.22	15.16	272.02	33.83	5.75	115.48	
08/08/2024 04:55	18.42	8.05	143.55	13.53	17.34	2.12	58.6	13.49	34.75	15.19	270.78	32.54	3.97	109.98	
08/08/2024 05:00	18.08	7.73	141.13	13.53	17.42	2.72	58.46	13.5	34.08	14.57	266.02	32.73	5.12	109.85	
08/08/2024 05:05	17.77	8.05	144.27	13.53	17.5	3.07	61.61	13.51	33.53	15.19	272.13	32.89	5.77	115.82	
08/08/2024 05:10	18	8.07	144.75	13.53	17.33	2.11	57.72	13.49	33.95	15.22	273.05	32.52	3.97	108.33	
08/08/2024 05:15	17.81	7.6	141.19	13.52	18.06	2.51	58.16	13.5	33.55	14.33	266	33.91	4.72	109.21	
08/08/2024 05:20	18.02	8.17	144.55	13.53	18.1	2.76	62.36	13.5	33.99	15.41	272.65	34	5.18	117.19	
08/08/2024 05:25	18.84	8.19	144.28	13.53	17.49	2.18	57.31	13.5	35.55	15.46	272.22	32.86	4.1	107.64	
08/08/2024 05:30	18.07	7.6	141.52	13.52	17.74	2.41	56.82	13.5	34.05	14.32	266.66	33.31	4.52	106.69	
08/08/2024 05:35	17.89	8.04	144.99	13.53	17.9	2.75	59.97	13.5	33.77	15.18	273.6	33.63	5.16	112.69	
08/08/2024 05:40	17.8	7.97	144.98	13.53	17.33	2.28	58.15	13.5	33.59	15.05	273.61	32.57	4.28	109.26	
08/08/2024 05:45	17.76	7.7	139.83	13.52	17.84	2.4	56.41	13.5	33.47	14.51	263.49	33.49	4.51	105.91	
08/08/2024 05:50	17.71	8.1	145.24	13.53	17.94	2.7	59.57	13.5	33.39	15.26	273.84	33.7	5.07	111.92	
08/08/2024 05:55	17.8	8.32	145.33	13.53	17.25	2.28	59.03	13.5	33.56	15.68	274.02	32.41	4.28	110.92	
08/08/2024 06:00	17.73	7.79	139.23	13.52	18.09	2.84	59.73	13.5	33.39	14.67	262.24	33.99	5.34	112.25	
08/08/2024 06:05	17.83	8.02	144.72	13.52	18.09	3.17	63.23	13.5	33.6	15.11	272.72	34.01	5.97	118.85	
08/08/2024 06:10	17.83	7.97	143.28	13.53	17.25	2.25	58.84	13.49	33.61	15.03	270.11	32.37	4.23	110.42	
08/08/2024 06:15	17.96	7.86	142.59	13.52	17.83	2.84	60.15	13.5	33.82	14.8	268.53	33.48	5.34	112.94	
08/08/2024 06:20	17.95	8.15	145.82	13.53	17.95	3.14	63.23	13.5	33.84	15.37	274.85	33.72	5.89	118.78	
08/08/2024 06:25	18.05	8.21	146.52	13.53	17.47	2.14	58.32	13.49	34.02	15.47	276.2	32.78	4.02	109.38	
08/08/2024 06:30	17.84	7.9	144.34	13.52	18.02	2.77	58.62	13.49	33.59	14.89	271.82	33.8	5.19	109.98	
08/08/2024 06:35	18	8.25	147.17	13.52	18.02	3.08	61.77	13.49	33.91	15.54	277.28	33.81	5.79	115.93	
08/08/2024 06:40	18.3	8.35	148.11	13.52	17.45	2.2	58.69	13.49	34.47	15.73	279.03	32.75	4.12	110.12	
08/08/2024 06:45	18.01	7.93	143.96	13.52	17.64	2.66	58.98	13.49	33.92	14.94	271.2	33.11	4.99	110.7	
08/08/2024 06:50	18.12	8.27	146.27	13.53	17.84	3.06	62.9	13.5	34.18	15.61	275.93	33.5	5.75	118.15	
08/08/2024 06:55	18.8	8.25	145.52	13.53	17.48	2.16	58.51	13.49	35.46	15.57	274.55	32.81	4.06	109.82	
08/08/2024 07:00	18.16	7.9	142.27	13.52	17.53	2.39	58.48	13.5	34.22	14.88	268.11	32.9	4.48	109.78	
08/08/2024 07:05	17.94	8.16	146.35	13.53	17.8	2.75	62.11	13.5	33.84	15.4	276.05	33.43	5.17	116.69	
08/08/2024 07:10	17.83	8.08	146.48	13.53	17.38	2.03	57.79	13.49	33.64	15.25	276.38	32.62	3.81	108.46	
08/08/2024 07:15	17.91	7.67	142.68	13.52	17.93	2.48	57.57	13.49	33.72	14.45	268.7	33.64	4.66	107.99	
08/08/2024 07:20	17.91	8.16	145.7	13.52	18.18	2.89	61.34	13.49	33.74	15.37	274.48	34.11	5.43	115.13	
08/08/2024 07:25	18.14	8.54	144.66	13.53	17.6	2.23	58.34	13.49	34.19	16.09	272.64	33.03	4.19	109.5	
08/08/2024 07:30	18.15	7.67	140.85	13.52	18.53	2.5	58.74	13.5	34.16	14.43	265.12	34.79	4.69	110.26	
08/08/2024 07:35	17.51	7.93	144.99	13.52	18.79	2.87	62.6	13.5	32.99	14.95	273.25	35.28	5.4	117.6	
08/08/2024 07:40	18.06	8.54	146.69	13.53	17.67	2.18	57.73	13.49	34.06	16.09	276.59	33.17	4.09	108.36	
08/08/2024 07:45	18.08	7.78	141.99	13.52	18.09	2.51	57.64	13.5	34.05	14.66	267.45	33.97	4.72	108.24	
08/08/2024 07:50	17.91	7.84	144.54	13.52	18.32	2.91	61.6	13.5	33.75	14.78	272.38	34.41	5.46	115.73	
08/08/2024 07:55	17.55	7.79	144.11	13.53	17.87	2.06	56.36	13.49	33.08	14.68	271.67	33.53	3.87	105.75	
08/08/2024 08:00	17.88	7.5	141.62	13.52	18.23	2.45	56.6	13.49	33.67	14.12	266.73	34.21	4.59	106.22	
08/08/2024 08:05	18.01	7.89	144.7	13.52	18.38	2.69	59.31	13.49	33.95	14.87	272.67	34.5	5.04	111.34	
08/08/2024 08:10	18.13	7.91	145.13	13.53	17.61	1.96	56.88	13.48	34.16	14.91	273.52	33	3.68	106.6	
08/08/2024 08:15	18.04	7.48	139.8	13.51	18.25	2.59	57.42	13.49	33.95	14.07	263.12	34.23	4.87	107.7	
08/08/2024 08:20	18.01	7.81	144.73	13.52	18.37	2.99	61.26	13.49	33.92	14.72	272.61	34.48	5.62	114.99	
08/08/2024 08:25	18.17	7.55	143.14	13.52	17.41	1.89	58.05	13.48	34.22	14.22	269.56	32.64	3.54	108.78	
08/08/2024 08:30	18.03	7.48	141.57	13.51	18.27	2.41	58.11								



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
08/08/2024 10:00	18.3	7.13	140.06	13.45	18.3	2	56.51	13.43	34.14	13.31	261.38	34.03	3.72	105.09	
08/08/2024 10:05	18.05	7.2	142.81	13.44	18.27	2.29	61.68	13.42	33.63	13.42	266.16	33.97	4.27	114.71	
08/08/2024 10:10	18.34	7.44	144.27	13.44	17.83	1.68	58.19	13.4	34.18	13.87	268.83	33.06	3.11	107.89	
08/08/2024 10:15	18.11	7.18	140.69	13.43	17.7	2.01	58.52	13.4	33.7	13.36	261.83	32.81	3.73	108.49	
08/08/2024 10:20	17.98	7.45	143.17	13.44	17.83	2.36	63.82	13.41	33.49	13.87	266.67	33.06	4.39	118.39	
08/08/2024 10:25	18.23	7.47	143.25	13.44	17.69	1.7	59.11	13.4	33.98	13.92	266.94	32.8	3.16	109.59	
08/08/2024 10:30	18.17	7.04	139.44	13.42	18.36	2.03	58.23	13.39	33.78	13.09	259.23	33.99	3.76	107.82	
08/08/2024 10:35	17.62	6.99	142.29	13.42	18.45	2.28	60.88	13.4	32.77	12.99	264.54	34.18	4.22	112.8	
08/08/2024 10:40	17.41	6.8	140.64	13.43	17.68	1.74	57.71	13.4	32.37	12.65	261.53	32.77	3.22	106.96	
08/08/2024 10:45	17.73	6.84	139.53	13.42	18.11	1.85	56.89	13.39	32.94	12.71	259.24	33.54	3.43	105.36	
08/08/2024 10:50	17.77	7.28	144.13	13.42	18.16	2.13	60.88	13.39	33.03	13.52	267.92	33.63	3.95	112.77	
08/08/2024 10:55	17.64	7	145	13.42	17.27	1.47	58.22	13.39	32.78	13.01	269.41	31.98	2.72	107.81	
08/08/2024 11:00	17.8	6.74	140.27	13.42	17.75	1.91	57.4	13.4	33.07	12.52	260.59	32.88	3.53	106.34	
08/08/2024 11:05	17.85	6.99	142.08	13.43	17.79	2.23	61.21	13.4	33.19	12.99	264.21	32.97	4.13	113.45	
08/08/2024 11:10	18.05	6.96	142.42	13.43	17.9	1.58	57.71	13.39	33.57	12.94	264.89	33.12	2.92	106.79	
08/08/2024 11:15	17.94	6.59	138.53	13.4	17.93	1.56	58.44	13.38	33.27	12.23	256.92	33.14	2.87	108	
08/08/2024 11:20	17.56	6.7	143.02	13.4	17.9	1.81	60.92	13.38	32.51	12.41	264.89	33.08	3.35	112.59	
08/08/2024 11:25	17.45	6.66	142.28	13.39	17.39	1.23	57.52	13.37	32.32	12.33	263.48	32.09	2.26	106.15	
08/08/2024 11:30	17.72	6.65	138.88	13.39	17.99	1.98	58.84	13.38	32.81	12.31	257.17	33.24	3.66	108.7	
08/08/2024 11:35	17.78	6.87	142.09	13.4	18	2.19	62.23	13.38	32.95	12.73	263.32	33.26	4.05	115.01	
08/08/2024 11:40	17.83	6.88	142.11	13.4	17.93	1.46	58.43	13.37	33.03	12.75	263.32	33.08	2.7	107.82	
08/08/2024 11:45	17.98	6.67	140.01	13.39	18.17	1.4	57.78	13.36	33.26	12.35	259.01	33.49	2.59	106.47	
08/08/2024 11:50	17.72	6.7	142.73	13.38	18.24	1.7	61.19	13.36	32.74	12.38	263.77	33.61	3.13	112.78	
08/08/2024 11:55	17.88	6.72	142.31	13.38	17.93	1.21	57.39	13.34	33.03	12.42	262.93	32.97	2.23	105.53	
08/08/2024 12:00	17.95	6.52	138.91	13.36	17.89	1.31	58.17	13.33	33.11	12.03	256.25	32.87	2.41	106.86	
08/08/2024 12:05	17.76	6.69	141.68	13.37	18.05	1.67	61.16	13.34	32.8	12.36	261.6	33.18	3.08	112.46	
08/08/2024 12:10	17.89	6.83	141.81	13.38	17.64	1.21	57.3	13.35	33.07	12.63	262.12	32.48	2.23	105.5	
08/08/2024 12:15	18.09	6.7	137.51	13.37	18.02	1.52	56.88	13.35	33.41	12.38	253.93	33.19	2.79	104.75	
08/08/2024 12:20	17.83	6.6	141.35	13.37	18.13	1.79	59.34	13.35	32.93	12.19	261.08	33.4	3.29	109.3	
08/08/2024 12:25	17.97	6.89	142.36	13.38	18.21	1.41	57.52	13.34	33.21	12.74	263.07	33.48	2.59	105.79	
08/08/2024 12:30	18.14	6.47	137.91	13.36	18.25	1.25	56.04	13.33	33.44	11.93	254.31	33.53	2.29	102.96	
08/08/2024 12:35	17.98	6.54	141.41	13.35	18.35	1.44	60.75	13.33	33.11	12.04	260.45	33.71	2.65	111.62	
08/08/2024 12:40	18.23	6.57	139.89	13.35	18.47	1.53	57.8	13.33	33.59	12.1	257.71	33.91	2.81	106.1	
08/08/2024 12:45	17.84	5.97	136.1	13.34	18.19	1.12	57.27	13.32	32.81	10.98	250.31	33.33	2.05	104.96	
08/08/2024 12:50	17.45	6.17	142.49	13.34	18.21	1.41	60.42	13.32	32.1	11.35	262.06	33.39	2.59	110.78	
08/08/2024 12:55	17.72	6.35	143.31	13.35	17.87	1.23	57.14	13.32	32.61	11.68	263.74	32.79	2.25	104.85	
08/08/2024 13:00	18	6.57	138.67	13.36	18.2	1.59	57.99	13.33	33.16	12.1	255.49	33.44	2.92	106.53	
08/08/2024 13:05	17.81	6.73	143.53	13.37	18.29	1.97	62.46	13.34	32.88	12.43	264.93	33.63	3.61	114.85	
08/08/2024 13:10	18.31	7.03	144.31	13.37	18.16	1.32	57.38	13.34	33.81	12.99	266.46	33.38	2.42	105.46	
08/08/2024 13:15	18.08	6.66	141.55	13.36	17.7	1.18	57.95	13.33	33.33	12.27	260.95	32.5	2.17	106.37	
08/08/2024 13:20	17.44	6.65	145.58	13.36	17.8	1.55	60.72	13.33	32.18	12.27	268.55	32.69	2.86	111.54	
08/08/2024 13:25	17.38	6.6	145.53	13.37	17.87	1.51	58.71	13.35	32.07	12.18	268.6	32.89	2.77	108.06	
08/08/2024 13:30	17.82	6.59	141.93	13.37	18.37	1.73	57.34	13.35	32.88	12.16	261.98	33.8	3.19	105.54	
08/08/2024 13:35	17.92	6.88	144.38	13.38	18.53	2.11	60.88	13.35	33.1	12.71	266.77	34.12	3.89	112.11	
08/08/2024 13:40	18.05	6.85	144.91	13.37	17.61	1.21	59.09	13.34	33.33	12.65	267.61	32.39	2.23	108.66	
08/08/2024 13:45	17.86	6.69	141.71	13.37	17.88	1.56	58.59	13.34	32.96	12.35	261.57	32.87	2.86	107.72	
08/08/2024 13:50	18.09	7.4	145.96	13.38	18.15	1.99	60.57	13.35	33.46	13.69	269.95	33.39	3.66	111.47	
08/08/2024 13:55	18.55	7.64	145.83	13.39	18.16	1.55	58.85	13.36	34.34	14.15	269.99	33.48	2.85	108.47	
08/08/2024 14:00	18.03	6.95	142.41	13.38	18.05	1.73	59.22	13.36	33.32	12.86	263.22	33.26	3.19	109.1	
08/08/2024 14:05	17.68	6.93	145.4	13.38	18.12	2.14	63.11	13.36	32.7	12.81	268.88	33.4	3.95	116.36	
08/08/2024 14:10	17.66	6.83	144.95	13.39	17.61	1.35	59.45	13.36	32.66	12.64	268.14	32.46	2.5	109.59	
08/08/2024 14:15	17.75	6.6	141.5	13.38	18.19	1.59	59.4	13.36	32.82	12.21	261.58	33.51	2.93	109.45	
08/08/2024 14:20	17.94	7.17	145.97	13.38	18.18	1.88	62.82	13.36	33.19	13.27	269.98	33.52	3.46	115.82	
08/08/2024 14:25	18.42	7.86	146.83	13.39	17.46	1.23	59.99	13.36	34.11	14.56	271.89	32.17	2.26	110.53	
08/08/2024 14:30	18.51	7.6	141.77	13.39	18.26	1.96	59.18	13.36	34.28	14.08	262.54	33.68	3.61	109.16	
08/08/2024 14:35	17.7	7.15	145.64	13.4	18.51	2.5	63.07	13.37	32.8	13.25	269.93	34.18	4.63	116.48	
08/08/2024 14:40	18.11	7.75	144.23	13.41	17.68	1.3	59.74	13.37	33.59	14.38	267.54	32.65	2.4	110.32	
08/08/2024 14:45	17.99	7.08	141.89	13.4	17.57	1.41	60.22	13.37	33.33	13.12	262.86	32.42	2.6	111.13	
08/08/2024 14:50	17.88	7.34	146.69	13.41	17.68	1.81	63.42	13.37	33.17	13.61	272.12	32.64	3.34	117.12	
08/08/2024 14:55	17.84	7.57	148.56	13.41	17.73	1.5	60.05	13.38	33.12	14.04	275.74	32.77	2.78	111	
08/08/2024 15:00	17.73	6.96	144.06	13.4	18.52	2.09	60.68	13.38	32.88	12.91	267.06	34.24	3.87	112.19	
08/08/2024 15:05	17.99	7.42	146.65	13.41	18.55	2.31	63.83	13.38	33.37	13.76	271.99	34.29	4.28	118.04	
08/08/2024 15:10	17.83	7.32	146.08	13.41	17.51	1.37	60.13	13.38	33.08	13.57	271.01	32.35	2.53	111.08	
08/08/2024 15:15	18.33	7.37	143.29	13.4	18.15	2.09	60.31	13.38	34	13.68	265.76	33.57	3.86	111.54	
08/08/2024 15:20	17.75	7.04	145.84	13.4	18.17	2.41	63.21	13.39	32.9	13.05	270.4	33.62	4.46	116.97	
08/08/2024 15:25	17.39	6.99	145.28	13.4	17.87	1.55	59.32	13.38	32.24	12.96	269.37	33.03	2.86	109.63	
08/08/2024 15:30	17.91	6.98	142.51	13.4	18.4	2.04	59.89	13.38	33.22	12.94	264.26	34.02	3.78	110.76	
08/08/2024 15:35	17.99	7.34	145.88	13.42	18.56	2.25	64.31	13.39	33.41	13.64	270.93	34.33	4.16	118.99	
08/08/2024 15:40	18.25	7.18	147.02	13.42	17.43	1.25	59.91	13.38	33.9	13.33	273.09	32.22	2.31	110.71	
08/08/2024 15:45	18.07	6.65	140.51	13.41	18.59	2	56.58	13.38	33.52	12.34	260.63	34.35	3.69	104.57	
08/08/2024 15:50	18.16	7.24	143.01	13.42	18.67	2.36	61.18	13.38	33.72	13.45	265.62	34.53	4.36	113.18	
08/08/2024 15:55	18.27	7.55	143.09	13.42	18.04	1.74	59.06	13.39	33.94	14.03	265.92	33.38	3.21		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
08/08/2024 17:25	17.36	6.44	141.41	13.37	17.35	1.19	59.09	13.37	32.03	11.88	260.93	32.04	2.2	109.13	
08/08/2024 17:30	17.68	6.58	140.3	13.38	17.65	1.43	54.02	13.35	32.68	12.17	259.43	32.49	2.64	99.44	
08/08/2024 17:35	17.74	7.41	145.57	13.41	17.97	2.03	57.46	13.35	32.91	13.75	270.04	33.1	3.75	105.89	
08/08/2024 17:40	18.19	8.29	145.34	13.42	17.54	1.33	52.31	13.36	33.79	15.39	270.05	32.32	2.45	96.39	
08/08/2024 17:45	17.86	7.23	142.28	13.41	18.81	1.91	52.04	13.36	33.14	13.42	264.09	34.68	3.52	95.96	
08/08/2024 17:50	17.54	7.04	146.12	13.41	18.82	2.09	55.73	13.36	32.55	13.06	271.28	34.7	3.86	102.83	
08/08/2024 17:55	17.69	7.55	147.16	13.42	18.06	1.47	51.72	13.36	32.85	14.02	273.3	33.27	2.71	95.29	
08/08/2024 18:00	17.99	7.42	144.96	13.41	18.23	1.6	51.88	13.35	33.4	13.78	269.1	33.59	2.94	95.58	
08/08/2024 18:05	17.88	7.3	145.79	13.42	18.3	1.93	55.63	13.36	33.21	13.56	270.78	33.74	3.56	102.62	
08/08/2024 18:10	17.5	7.13	145.45	13.42	17.55	1.42	58.44	13.38	32.51	13.24	270.19	32.46	2.62	108.09	
08/08/2024 18:15	17.74	6.99	142.46	13.41	18.04	1.69	58.25	13.38	32.92	12.98	264.35	33.34	3.13	107.68	
08/08/2024 18:20	18	7.45	145.24	13.42	18.12	2.03	61.49	13.38	33.43	13.84	269.77	33.52	3.76	113.74	
08/08/2024 18:25	18.38	7.85	145.8	13.42	17.69	1.72	57.82	13.39	34.14	14.58	270.89	32.75	3.19	107.02	
08/08/2024 18:30	18.16	7.38	141.49	13.41	17.97	1.94	59.07	13.39	33.69	13.7	262.53	33.25	3.6	109.29	
08/08/2024 18:35	17.91	7.35	145.97	13.41	18.09	2.35	62.37	13.39	33.23	13.63	270.88	33.48	4.35	115.44	
08/08/2024 18:40	18.3	7.32	146.14	13.41	17.64	1.64	57.8	13.39	33.97	13.58	271.36	32.65	3.04	106.93	
08/08/2024 18:45	18.06	7.03	142.87	13.41	17.87	1.86	57.76	13.39	33.53	13.05	265.24	33.09	3.44	106.93	
08/08/2024 18:50	17.81	7.3	146.17	13.42	17.84	2.01	62.49	13.39	33.09	13.57	271.56	33.04	3.73	115.73	
08/08/2024 18:55	18.36	7.72	145.48	13.42	17.57	1.46	58.17	13.39	34.11	14.35	270.31	32.5	2.7	107.61	
08/08/2024 19:00	17.96	7.18	142.5	13.41	18.1	2.09	57.58	13.39	33.33	13.32	264.54	33.5	3.87	106.53	
08/08/2024 19:05	18.16	7.65	146.5	13.42	18.1	2.43	61.56	13.39	33.75	14.21	272.29	33.51	4.51	113.99	
08/08/2024 19:10	18.28	7.57	146.66	13.42	17.52	1.62	59.38	13.39	33.99	14.07	272.65	32.44	3	109.95	
08/08/2024 19:15	17.77	6.96	145.66	13.41	18.17	2.13	58.72	13.39	32.98	12.92	270.42	33.63	3.95	108.7	
08/08/2024 19:20	18.03	7.8	147.71	13.43	18.38	2.6	61.92	13.4	33.53	14.51	274.72	34.06	4.82	114.74	
08/08/2024 19:25	18.59	8.38	147.36	13.43	17.63	1.69	58.78	13.4	34.62	15.6	274.36	32.69	3.13	108.97	
08/08/2024 19:30	18.04	7.27	142.88	13.42	17.93	1.94	58.82	13.4	33.52	13.52	265.55	33.24	3.6	109.01	
08/08/2024 19:35	18.04	7.31	144.8	13.43	18.13	2.32	61.78	13.4	33.55	13.59	269.27	33.62	4.31	114.57	
08/08/2024 19:40	18.09	7.14	143.7	13.43	17.63	1.81	58.15	13.4	33.66	13.29	267.33	32.7	3.36	107.8	
08/08/2024 19:45	17.98	7	141.42	13.42	18.21	2.34	58.98	13.41	33.43	13.02	262.95	33.78	4.34	109.44	
08/08/2024 19:50	18.1	7.53	145.63	13.43	18.33	2.64	62.24	13.41	33.69	14.01	271	34.02	4.91	115.53	
08/08/2024 19:55	18.16	7.25	145.55	13.43	17.74	1.64	58.21	13.4	33.78	13.49	270.76	32.89	3.05	107.88	
08/08/2024 20:00	18.15	7.3	142.36	13.43	18.15	2.35	58.82	13.4	33.75	13.58	264.76	33.65	4.36	109.08	
08/08/2024 20:05	17.92	7.64	146.01	13.44	18.4	2.81	61.42	13.41	33.38	14.23	271.92	34.14	5.22	113.98	
08/08/2024 20:10	17.97	7.52	146.44	13.44	17.89	1.93	58.34	13.41	33.46	14	272.7	33.19	3.58	108.26	
08/08/2024 20:15	17.9	6.98	142.31	13.43	17.86	1.8	58.29	13.4	33.29	12.98	264.71	33.11	3.34	108.09	
08/08/2024 20:20	17.81	7.6	146.05	13.44	18.06	2.13	60.11	13.41	33.17	14.15	272.01	33.5	3.96	111.51	
08/08/2024 20:25	17.52	7.66	145.5	13.44	17.66	1.92	59.05	13.41	32.63	14.27	271.07	32.78	3.57	109.64	
08/08/2024 20:30	18.1	7.38	142.79	13.43	18.84	2.22	58.23	13.41	33.7	13.73	265.81	34.96	4.13	108.04	
08/08/2024 20:35	17.89	7.26	145.85	13.43	18.98	2.44	62.75	13.41	33.3	13.51	271.54	35.22	4.52	116.46	
08/08/2024 20:40	17.67	6.99	143.42	13.43	17.17	1.54	58.51	13.41	32.9	13.01	267.03	31.84	2.85	108.53	
08/08/2024 20:45	18.13	7.52	144.17	13.44	18.27	2.75	59.18	13.42	33.77	14	268.56	33.95	5.12	109.95	
08/08/2024 20:50	18.09	7.75	147.17	13.44	18.58	3.23	63.02	13.42	33.72	14.44	274.26	34.54	6	117.12	
08/08/2024 20:55	18.22	7.61	146.16	13.44	17.53	1.68	58.16	13.41	33.94	14.18	272.29	32.52	3.12	107.87	
08/08/2024 21:00	18.27	7.45	142.86	13.43	17.94	2.02	58.64	13.41	34.01	13.87	266	33.29	3.76	108.8	
08/08/2024 21:05	18.14	7.65	146.48	13.44	17.97	2.27	61.58	13.41	33.81	14.27	273.04	33.35	4.22	114.31	
08/08/2024 21:10	18.22	7.58	146.61	13.45	17.61	1.79	58.47	13.41	33.98	14.14	273.42	32.69	3.33	108.5	
08/08/2024 21:15	18.07	7.33	143.43	13.43	18.08	2.1	58.16	13.41	33.64	13.65	267.09	33.54	3.9	107.91	
08/08/2024 21:20	18.18	7.9	146.23	13.44	18.19	2.44	61.37	13.41	33.88	14.73	272.5	33.77	4.52	113.92	
08/08/2024 21:25	17.89	7.75	145.84	13.45	17.39	1.69	58.21	13.41	33.37	14.46	272	32.29	3.15	108.07	
08/08/2024 21:30	18.01	7.29	142.15	13.43	18.1	2.34	58.82	13.41	33.53	13.58	264.7	33.61	4.34	109.23	
08/08/2024 21:35	18.24	7.66	144.86	13.44	18.2	2.69	62.14	13.42	33.98	14.26	269.79	33.81	4.99	115.42	
08/08/2024 21:40	18.23	7.75	146.84	13.44	17.68	1.9	57.45	13.41	33.98	14.45	273.63	32.8	3.53	106.55	
08/08/2024 21:45	17.96	7.12	142.43	13.43	17.95	1.96	56.73	13.41	33.44	13.26	265.17	33.3	3.64	105.25	
08/08/2024 21:50	17.94	7.13	142.41	13.44	17.94	2.19	60.08	13.41	33.43	13.28	265.35	33.29	4.07	111.53	
08/08/2024 21:55	17.36	6.83	142.38	13.44	17.63	1.73	56.45	13.41	32.35	12.73	265.36	32.73	3.21	104.79	
08/08/2024 22:00	17.6	6.78	139.27	13.43	17.51	1.78	57.04	13.41	32.77	12.63	259.29	32.5	3.3	105.86	
08/08/2024 22:05	18.13	7.62	143.6	13.44	17.7	2.26	61	13.42	33.79	14.21	267.64	32.88	4.2	113.32	
08/08/2024 22:10	18.22	7.82	143.03	13.45	17.4	1.57	56.96	13.41	33.98	14.58	266.75	32.29	2.92	105.7	
08/08/2024 22:15	18.1	7.32	140.06	13.44	17.6	1.73	56.25	13.41	33.72	13.63	260.94	32.64	3.2	104.33	
08/08/2024 22:20	18.06	7.68	144.36	13.45	17.91	2.19	59.52	13.41	33.69	14.33	269.26	33.24	4.07	110.5	
08/08/2024 22:25	17.77	7.54	141.81	13.45	17.81	1.92	56.79	13.42	33.15	14.06	264.59	33.11	3.57	105.57	
08/08/2024 22:30	17.65	6.97	137.24	13.44	17.99	1.75	56.37	13.41	32.88	12.98	255.67	33.41	3.25	104.68	
08/08/2024 22:35	18.01	7.6	144.29	13.45	18.11	2	59.25	13.42	33.57	14.16	269.05	33.63	3.71	110.06	
08/08/2024 22:40	18.33	7.82	144.19	13.45	17.64	1.91	56.74	13.42	34.2	14.59	269.08	32.77	3.56	105.39	
08/08/2024 22:45	17.93	7.11	139.89	13.44	17.65	2.18	56.72	13.42	33.4	13.24	260.66	32.79	4.06	105.37	
08/08/2024 22:50	17.89	7.35	143.47	13.44	17.97	2.7	60.19	13.42	33.35	13.7	267.41	33.39	5.02	111.88	
08/08/2024 22:55	18.52	8.1	144.75	13.45	17.48	1.62	56.76	13.41	34.55	15.11	270.07	32.44	3	105.33	
08/08/2024 23:00	18.09	7.4	139.9	13.44	18.2	2.11	57.78	13.41	33.71	13.79	260.62	33.78	3.91	107.26	
08/08/2024 23:05	17.99	7.53	143.04	13.45	18.33	2.42	61.2	13.42	33.54	14.03	266.71	34.04	4.49	113.69	
08/08/2024 23:10	18.47	7.96	143.22	13.46	17.4	1.59	57.25	13.41	34.49	14.86	267.44	32.3	2.96	106.31	
08/08/2024 23:15	18.32	7.42	139.05	13.44	17.55	1.8	55.83	13.41	34.16	13.84	259.24	32.57	3.34	103.59	
08/08/2024 23:20	17.7	7.38	143.48	13.45	17.68	2.45	61.69	13.41	33.01	13.77	267.55	32.84	4.56	114.63	
08/08															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
09/08/2024 00:50	17.85	7.32	144.26	13.43	17.98	2.18	60.71	13.41	33.23	13.62	268.54	33.38	4.05	112.68	
09/08/2024 00:55	17.47	7.08	141.81	13.43	17.44	1.71	57.22	13.4	32.5	13.17	263.82	32.34	3.16	106.1	
09/08/2024 01:00	17.65	6.95	138.59	13.43	17.94	2.35	57.74	13.41	32.85	12.93	257.94	33.3	4.36	107.19	
09/08/2024 01:05	17.87	7.37	144.03	13.44	18	2.64	61.18	13.42	33.31	13.73	268.47	33.44	4.91	113.64	
09/08/2024 01:10	17.89	7.14	144.55	13.44	17.32	1.58	57.69	13.41	33.34	13.31	269.35	32.13	2.93	107.03	
09/08/2024 01:15	17.93	7.09	140.88	13.43	17.77	2.14	58.32	13.41	33.37	13.2	262.26	32.97	3.96	108.2	
09/08/2024 01:20	17.73	7.5	144.09	13.44	17.83	2.55	62.03	13.41	33.03	13.97	268.49	33.1	4.74	115.17	
09/08/2024 01:25	17.94	7.61	143.59	13.45	17.6	1.7	57.71	13.41	33.45	14.2	267.74	32.66	3.16	107.1	
09/08/2024 01:30	17.79	7.09	141.14	13.43	17.77	1.97	57.43	13.4	33.11	13.2	262.65	32.95	3.65	106.49	
09/08/2024 01:35	17.82	7.4	143.75	13.43	17.94	2.33	59.41	13.41	33.17	13.77	267.51	33.28	4.33	110.19	
09/08/2024 01:40	17.42	7.05	142.55	13.44	17.6	1.95	56.99	13.41	32.44	13.13	265.46	32.65	3.62	105.73	
09/08/2024 01:45	17.82	7.16	140.9	13.43	17.92	2.4	58.3	13.41	33.16	13.33	262.28	33.26	4.45	108.21	
09/08/2024 01:50	17.88	7.45	145.22	13.44	18.03	2.81	61.77	13.41	33.31	13.89	270.5	33.48	5.22	114.71	
09/08/2024 01:55	17.67	7.64	146.16	13.44	17.19	1.67	58.53	13.41	32.94	14.25	272.41	31.9	3.09	108.6	
09/08/2024 02:00	17.72	7.19	141.22	13.43	18.19	2.38	57.14	13.41	32.99	13.39	262.96	33.76	4.41	106.09	
09/08/2024 02:05	17.7	7.19	143.9	13.44	18.21	2.67	60.87	13.42	32.97	13.39	268.04	33.82	4.96	113.07	
09/08/2024 02:10	17.72	6.91	144.31	13.43	17.43	1.63	57.74	13.4	32.99	12.86	268.69	32.33	3.03	107.08	
09/08/2024 02:15	17.89	7.04	139.35	13.43	18.33	2.1	57.85	13.4	33.28	13.1	259.23	33.98	3.9	107.24	
09/08/2024 02:20	17.86	7.47	144.48	13.44	18.4	2.53	62.15	13.41	33.27	13.91	269.13	34.12	4.69	115.3	
09/08/2024 02:25	17.33	7.08	144.48	13.44	17.46	1.77	58.32	13.41	32.28	13.19	269.12	32.39	3.28	108.19	
09/08/2024 02:30	17.57	6.97	141.13	13.43	17.43	1.63	57.67	13.4	32.69	12.98	262.57	32.31	3.02	106.91	
09/08/2024 02:35	17.84	7.57	144.23	13.43	17.22	1.85	61	13.4	33.21	14.09	268.46	31.94	3.43	113.14	
09/08/2024 02:40	17.81	8.08	145.48	13.44	17.78	1.88	57.71	13.41	33.17	15.05	270.93	32.98	3.49	107.04	
09/08/2024 02:45	17.93	7.39	140.55	13.43	17.86	2.36	58.59	13.41	33.36	13.75	261.49	33.13	4.38	108.68	
09/08/2024 02:50	17.78	7.47	143.84	13.43	18.01	2.81	62.2	13.41	33.09	13.91	267.64	33.42	5.22	115.45	
09/08/2024 02:55	18.08	7.79	143.53	13.43	17.09	1.61	57.77	13.4	33.64	14.49	267.07	31.66	2.99	107.06	
09/08/2024 03:00	17.91	7.19	140.31	13.42	18.36	2.4	57.6	13.4	33.3	13.37	260.87	34.03	4.45	106.76	
09/08/2024 03:05	18.04	7.46	143.99	13.43	18.53	2.62	63.33	13.4	33.56	13.88	267.83	34.36	4.86	117.46	
09/08/2024 03:10	18.31	7.57	142.42	13.43	17.25	1.52	57.32	13.4	34.07	14.08	264.95	31.95	2.81	106.17	
09/08/2024 03:15	18.09	7.42	142.74	13.43	18.22	2.26	56.99	13.4	33.64	13.8	265.43	33.78	4.2	105.63	
09/08/2024 03:20	18.08	7.76	144.45	13.43	18.26	2.42	59.29	13.4	33.66	14.44	268.89	33.85	4.49	109.93	
09/08/2024 03:25	18	7.75	144.39	13.43	17.32	1.56	58.49	13.4	33.51	14.44	268.84	32.09	2.89	108.33	
09/08/2024 03:30	17.92	7.43	141.71	13.42	17.97	2.19	58.55	13.4	33.32	13.81	263.46	33.28	4.06	108.47	
09/08/2024 03:35	18.03	7.9	145.36	13.43	18.11	2.55	61.52	13.4	33.57	14.71	270.61	33.57	4.72	114.06	
09/08/2024 03:40	18.11	7.97	145.25	13.44	17.75	1.99	58.73	13.4	33.74	14.85	270.61	32.92	3.69	108.91	
09/08/2024 03:45	18.03	7.5	141.11	13.43	18.04	2.15	57.61	13.4	33.53	13.94	262.43	33.42	3.98	106.72	
09/08/2024 03:50	18.04	7.75	145.32	13.43	17.89	2.45	60	13.4	33.58	14.42	270.43	33.15	4.54	111.21	
09/08/2024 03:55	18	7.97	145.44	13.44	17.76	1.98	58.82	13.4	33.52	14.85	270.84	32.93	3.67	109.09	
09/08/2024 04:00	17.96	7.45	142.53	13.42	17.89	2.16	58.03	13.4	33.39	13.85	265.03	33.17	4.01	107.55	
09/08/2024 04:05	18.01	7.64	145.05	13.43	17.92	2.39	61.03	13.4	33.49	14.21	269.78	33.21	4.44	113.15	
09/08/2024 04:10	18.19	7.8	144.95	13.43	17.65	1.98	58.28	13.4	33.84	14.51	269.71	32.71	3.66	108.01	
09/08/2024 04:15	18.15	7.5	142.21	13.43	18.16	2.23	57.64	13.4	33.76	13.96	264.51	33.66	4.13	106.86	
09/08/2024 04:20	18.19	7.72	144.9	13.43	18.42	2.66	60.94	13.41	33.85	14.38	269.7	34.16	4.94	113.05	
09/08/2024 04:25	18.3	7.89	145.67	13.44	17.26	1.61	58.38	13.4	34.07	14.7	271.28	31.99	2.98	108.19	
09/08/2024 04:30	18.18	7.55	142.8	13.43	18.31	2.48	59.91	13.41	33.83	14.05	265.74	33.96	4.61	111.13	
09/08/2024 04:35	18.3	7.92	145.28	13.44	18.56	2.87	63.1	13.41	34.1	14.76	270.71	34.43	5.33	117.1	
09/08/2024 04:40	18.48	7.85	144.53	13.44	17.56	1.77	58.92	13.4	34.44	14.62	269.27	32.57	3.28	109.27	
09/08/2024 04:45	18.36	7.33	140.4	13.43	17.93	2.17	57.59	13.4	34.16	13.63	261.29	33.25	4.02	106.79	
09/08/2024 04:50	18.22	7.66	142.91	13.44	18.13	2.58	60.68	13.41	33.95	14.28	266.28	33.65	4.79	112.61	
09/08/2024 04:55	18.59	7.75	142.75	13.44	17.64	1.75	58.13	13.41	34.64	14.45	265.95	32.71	3.25	107.83	
09/08/2024 05:00	18.14	7.4	142.55	13.43	18.35	2.15	58.68	13.4	33.75	13.78	265.26	34.02	3.98	108.81	
09/08/2024 05:05	17.95	7.84	144.55	13.44	18.46	2.6	64.7	13.41	33.44	14.6	269.24	34.24	4.82	120.06	
09/08/2024 05:10	17.89	7.89	143.77	13.44	17.63	1.83	57.95	13.41	33.32	14.7	267.73	32.7	3.39	107.52	
09/08/2024 05:15	18	7.41	140.87	13.43	18.24	2.47	58.75	13.41	33.49	13.78	262.1	33.84	4.59	109.03	
09/08/2024 05:20	18.07	7.69	144.6	13.44	18.52	2.89	61.67	13.41	33.66	14.33	269.27	34.38	5.37	114.51	
09/08/2024 05:25	18.08	7.89	144.45	13.44	17.39	1.75	58.36	13.41	33.69	14.71	269.18	32.26	3.24	108.25	
09/08/2024 05:30	17.97	7.27	139.12	13.43	18.08	2.26	57.87	13.41	33.45	13.54	258.97	33.55	4.19	107.36	
09/08/2024 05:35	18.06	7.61	143.33	13.43	18.29	2.58	60.75	13.41	33.62	14.17	266.79	33.94	4.8	112.74	
09/08/2024 05:40	18.13	7.88	143.94	13.43	17.21	1.77	58.28	13.4	33.73	14.66	267.88	31.89	3.28	107.97	
09/08/2024 05:45	17.99	7.4	140.6	13.43	17.75	2.07	58.37	13.4	33.46	13.77	261.47	32.88	3.83	108.15	
09/08/2024 05:50	18.15	7.67	143.68	13.43	17.84	2.27	59.42	13.4	33.8	14.29	267.51	33.08	4.21	110.16	
09/08/2024 05:55	18.3	7.69	143.98	13.44	17.59	1.64	56.42	13.4	34.07	14.32	268.14	32.61	3.04	104.57	
09/08/2024 06:00	18.24	7.09	137.82	13.42	18.14	2.02	56.02	13.4	33.91	13.18	256.29	33.62	3.74	103.83	
09/08/2024 06:05	18.44	7.66	142.81	13.43	18.23	2.39	59.41	13.4	34.33	14.26	265.91	33.82	4.44	110.2	
09/08/2024 06:10	18.44	7.71	143.27	13.44	17.71	1.75	56.61	13.4	34.34	14.35	266.8	32.83	3.25	104.98	
09/08/2024 06:15	18.19	7.18	139.98	13.43	18.2	2.13	56.93	13.4	33.84	13.36	260.38	33.75	3.94	105.56	
09/08/2024 06:20	18.33	7.44	142.15	13.43	18.27	2.48	61.03	13.41	34.11	13.84	264.52	33.89	4.6	113.23	
09/08/2024 06:25	18.38	7.47	141.75	13.43	17.71	1.87	55.02	13.41	34.2	13.91	263.86	32.85	3.46	102.04	
09/08/2024 06:30	18.44	6.93	136.4	13.42	18.51	2.4	55.71	13.41	34.29	12.88	253.64	34.32	4.46	103.32	
09/08/2024 06:35	18.44	7.17	139.02	13.43	18.76	2.66	59.9	13.41	34.3	13.34	258.61	34.81	4.94	111.14	
09/08/2024 06:40	18.53	7.43	138.91	13.43	18.05	1.81	55.58	13.4	34.47	13.81	258.41	33.47	3.36	103.03	
09/08/2024 06:45	18.32	7.15	137.33	13.43	18.22	2.15	55.06	13.4	34.08	13.3	255.49	33.79	3.99	102.12	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
09/08/2024 08:15	18.4	6.36	131.83	13.4	18.28	1.51	51.1	13.37	34.1	11.79	244.29	33.74	2.79	94.35	
09/08/2024 08:20	18.24	6.72	136.41	13.4	18.23	1.73	54.47	13.37	33.81	12.45	252.83	33.66	3.2	100.59	
09/08/2024 08:25	18.09	6.86	136.45	13.41	17.79	1.39	52.75	13.37	33.57	12.73	253.16	32.84	2.57	97.37	
09/08/2024 08:30	18.29	6.45	133.01	13.39	18.49	1.89	52.61	13.37	33.88	11.94	246.36	34.12	3.5	97.11	
09/08/2024 08:35	18.28	6.5	135.54	13.39	18.62	2.2	55.34	13.37	33.82	12.03	250.85	34.38	4.06	102.17	
09/08/2024 08:40	18.28	6.57	135.81	13.39	17.96	1.32	51.27	13.36	33.85	12.16	251.5	33.11	2.43	94.53	
09/08/2024 08:45	18.34	6.24	129.16	13.39	18.22	1.81	51.17	13.37	33.94	11.54	239.03	33.61	3.35	94.39	
09/08/2024 08:50	18.38	6.34	133.35	13.39	18.26	2.11	54.11	13.37	34.02	11.74	246.75	33.7	3.89	99.86	
09/08/2024 08:55	18.58	6.44	134.16	13.39	18.28	1.36	50.54	13.35	34.37	11.91	248.17	33.67	2.5	93.08	
09/08/2024 09:00	18.41	6.29	130.58	13.38	18.42	1.68	52.13	13.35	34.02	11.62	241.28	33.92	3.1	96.01	
09/08/2024 09:05	18.48	6.59	135.06	13.38	18.64	1.99	57.97	13.36	34.16	12.18	249.64	34.34	3.66	106.81	
09/08/2024 09:10	18.31	6.57	134.86	13.38	18.19	1.29	51.1	13.35	33.85	12.14	249.26	33.49	2.38	94.05	
09/08/2024 09:15	18.31	6.08	131.01	13.37	17.99	1.24	51.12	13.34	33.8	11.23	241.82	33.08	2.27	94.02	
09/08/2024 09:20	18.38	6.47	133.56	13.37	18.18	1.74	55.02	13.35	33.95	11.96	246.7	33.47	3.2	101.29	
09/08/2024 09:25	18.58	6.57	133	13.38	17.86	1.07	50.35	13.35	34.33	12.13	245.78	32.88	1.97	92.69	
09/08/2024 09:30	18.55	6.21	130.53	13.37	18.45	1.54	51.38	13.35	34.23	11.47	240.96	33.97	2.84	94.6	
09/08/2024 09:35	18.46	6.26	134.3	13.37	18.48	1.6	55.34	13.35	34.07	11.54	247.79	34.02	2.95	101.89	
09/08/2024 09:40	18.58	6.36	134.17	13.36	17.95	1.09	50.38	13.33	34.27	11.74	247.48	32.96	2	92.52	
09/08/2024 09:45	18.54	5.99	129.49	13.36	18.62	1.56	50.36	13.33	34.17	11.04	238.66	34.2	2.86	92.51	
09/08/2024 09:50	18.37	6.31	133.11	13.37	18.71	1.86	53.77	13.34	33.89	11.65	245.59	34.39	3.41	98.85	
09/08/2024 09:55	18.36	6.38	133.22	13.37	18.47	1.35	50.83	13.34	33.88	11.77	245.87	33.94	2.48	93.42	
09/08/2024 10:00	18.39	5.87	128.11	13.35	18.63	1.41	50.75	13.33	33.86	10.81	235.96	34.21	2.59	93.17	
09/08/2024 10:05	18.22	6.26	134.63	13.35	18.72	1.72	54.84	13.33	33.56	11.53	247.92	34.37	3.16	100.71	
09/08/2024 10:10	18.28	6.41	134.86	13.36	18.48	1.42	50.41	13.33	33.68	11.81	248.49	33.92	2.61	92.54	
09/08/2024 10:15	18.32	6.08	130.88	13.35	18.3	1.34	51.04	13.32	33.72	11.19	240.9	33.58	2.46	93.64	
09/08/2024 10:20	18.3	6.18	134.07	13.35	18.15	1.48	54.33	13.32	33.68	11.38	246.75	33.3	2.71	99.68	
09/08/2024 10:25	18.28	6.38	134.94	13.34	18.1	1.06	51.94	13.31	33.63	11.73	248.22	33.15	1.95	95.14	
09/08/2024 10:30	18.33	6.23	132.66	13.34	18.16	1.49	51.79	13.31	33.69	11.45	243.81	33.26	2.73	94.84	
09/08/2024 10:35	18.31	6.5	136.3	13.34	18.18	1.84	54.72	13.31	33.69	11.95	250.72	33.31	3.37	100.29	
09/08/2024 10:40	18.38	6.55	137.2	13.35	18.36	1.49	51.68	13.32	33.83	12.06	252.6	33.67	2.74	94.8	
09/08/2024 10:45	18.39	6.15	133.41	13.34	18.19	1.14	51.37	13.31	33.8	11.3	245.29	33.32	2.1	94.11	
09/08/2024 10:50	18.17	6.16	135.7	13.34	18.12	1.32	55.29	13.31	33.39	11.32	249.4	33.19	2.41	101.32	
09/08/2024 10:55	18.39	6.43	136.22	13.34	18.19	1.28	52.17	13.31	33.8	11.81	250.32	33.31	2.34	95.53	
09/08/2024 11:00	18.33	6.35	133.31	13.33	18.22	1.45	52.46	13.31	33.67	11.66	244.84	33.36	2.66	96.01	
09/08/2024 11:05	18.34	6.33	136.4	13.33	18.24	1.72	55.65	13.31	33.69	11.62	250.51	33.39	3.15	101.89	
09/08/2024 11:10	18.41	6.27	135.34	13.33	18.51	1.09	51.57	13.3	33.81	11.51	248.61	33.84	2	94.28	
09/08/2024 11:15	18.54	5.98	131.95	13.32	18.57	1.16	51.18	13.29	33.98	10.97	241.88	33.9	2.12	93.44	
09/08/2024 11:20	18.16	6.19	135.44	13.32	18.74	1.54	54.17	13.29	33.28	11.35	248.21	34.22	2.81	98.95	
09/08/2024 11:25	18.25	6.39	135.36	13.32	18.55	1.32	51.48	13.3	33.47	11.73	248.23	33.9	2.41	94.11	
09/08/2024 11:30	18.5	6.21	132.19	13.32	18.76	1.42	51.93	13.3	33.93	11.39	242.38	34.3	2.61	94.97	
09/08/2024 11:35	18.35	6.15	134.97	13.32	18.94	1.76	55.24	13.3	33.67	11.29	247.6	34.65	3.23	101.08	
09/08/2024 11:40	18.42	6.3	135.47	13.33	18.55	1.15	52.01	13.29	33.81	11.56	248.63	33.9	2.11	95.03	
09/08/2024 11:45	18.54	5.95	131.23	13.31	18.19	1.08	51.91	13.28	33.94	10.89	240.29	33.19	1.96	94.74	
09/08/2024 11:50	18.2	6.07	135.46	13.3	18.23	1.4	55.06	13.28	33.31	11.11	247.89	33.28	2.56	100.51	
09/08/2024 11:55	18.38	6.22	134.75	13.3	18.7	1.25	51.61	13.27	33.61	11.38	246.5	34.08	2.28	94.05	
09/08/2024 12:00	18.46	5.77	130.71	13.29	18.31	1.1	52.35	13.27	33.72	10.55	238.86	33.34	2	95.31	
09/08/2024 12:05	18.37	5.93	134.67	13.29	18.27	1.36	55.96	13.27	33.56	10.84	246.04	33.28	2.47	101.93	
09/08/2024 12:10	18.42	6	134.56	13.29	18.72	1.04	51.08	13.26	33.66	10.97	245.91	34.06	1.9	92.95	
09/08/2024 12:15	18.34	5.48	129.49	13.27	17.92	0.64	51.56	13.25	33.43	10	236.05	32.55	1.16	93.64	
09/08/2024 12:20	18.49	5.61	131.45	13.27	17.98	0.93	54.49	13.25	33.69	10.22	239.51	32.66	1.69	99.01	
09/08/2024 12:25	18.84	5.88	133.13	13.27	18.72	1.13	50.33	13.25	34.34	10.71	242.63	34	2.06	91.4	
09/08/2024 12:30	18.6	5.59	130.12	13.26	18.43	0.86	50.23	13.23	33.84	10.17	236.68	33.41	1.57	91.06	
09/08/2024 12:35	18.25	5.75	132.82	13.25	18.47	1.06	54.37	13.23	33.18	10.45	241.47	33.47	1.91	98.56	
09/08/2024 12:40	18.55	5.78	132.02	13.25	18.7	1.27	50.24	13.23	33.7	10.51	239.87	33.87	2.31	90.98	
09/08/2024 12:45	18.46	5.39	128.2	13.24	18.5	1.1	50.82	13.22	33.49	9.78	232.57	33.47	2	91.95	
09/08/2024 12:50	18.43	5.72	133.3	13.24	18.55	1.32	53.4	13.22	33.42	10.38	241.78	33.57	2.39	96.63	
09/08/2024 12:55	18.39	5.6	131.94	13.23	18.82	1.31	51.94	13.21	33.33	10.14	239.14	34.03	2.36	93.92	
09/08/2024 13:00	18.37	5.44	127.1	13.23	18.39	1.16	52.33	13.21	33.26	9.85	230.2	33.23	2.09	94.56	
09/08/2024 13:05	18.42	5.67	133.18	13.23	18.35	1.36	55.31	13.21	33.38	10.28	241.36	33.17	2.47	99.98	
09/08/2024 13:10	18.28	5.72	133.7	13.23	18.74	1.19	51.85	13.21	33.14	10.37	242.39	33.87	2.14	93.71	
09/08/2024 13:15	18.21	5.25	129.93	13.23	18.28	1.08	52.39	13.2	32.98	9.52	235.38	33.02	1.95	94.63	
09/08/2024 13:20	18	5.38	133.56	13.23	18.21	1.33	56.16	13.21	32.62	9.75	242.07	32.89	2.41	101.5	
09/08/2024 13:25	17.92	5.49	133.38	13.23	18.47	1.23	53.24	13.21	32.48	9.95	241.75	33.4	2.22	96.26	
09/08/2024 13:30	18.39	5.64	128.4	13.23	18.38	1.15	52.49	13.21	33.32	10.22	232.67	33.22	2.07	94.88	
09/08/2024 13:35	18.3	5.86	134.2	13.24	18.38	1.38	55.14	13.21	33.18	10.62	243.39	33.22	2.5	99.71	
09/08/2024 13:40	18.13	5.94	135.23	13.24	18.79	1.39	52.87	13.21	32.87	10.77	245.27	33.97	2.51	95.57	
09/08/2024 13:45	18.41	5.63	131.53	13.23	18.54	1.12	52.56	13.2	33.33	10.21	238.24	33.49	2.02	94.91	
09/08/2024 13:50	18.4	5.82	134.11	13.23	18.6	1.31	55.28	13.2	33.33	10.53	242.89	33.59	2.37	99.84	
09/08/2024 13:55	18.28	5.91	135.28	13.23	18.6	1.14	52.64	13.2	33.12	10.7	245.05	33.57	2.05	94.98	
09/08/2024 14:00	18.07	5.45	132.41	13.22	17.88	0.58	52.71	13.19	32.69	9.86	239.53	32.22	1.05	95	
09/08/2024 14:05	17.94	5.82	135.8	13.23	17.96	0.9	55.88	13.19	32.52	10.54	246.07	32.39	1.63	100.82	
09/08/2024 14:10	18.03	6.05	137.42	13.24	18.03	0.95	52.88	13.22	32.71	10.97	249.29	32.62	1.73	95.69	
09/08/2024 14:15	18.44	5.98	135.23	1											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
09/08/2024 15:40	18.19	6.36	137.81	13.27	17.97	1.15	54.58	13.24	33.13	11.59	251.02	32.62	2.1	99.05	
09/08/2024 15:45	18.2	6.04	132.34	13.26	17.76	1.2	54.83	13.24	33.11	11	240.81	32.23	2.18	99.47	
09/08/2024 15:50	17.78	6.06	138.35	13.26	17.77	1.49	58.1	13.24	32.34	11.03	251.6	32.25	2.7	105.44	
09/08/2024 15:55	18.13	6.32	140.7	13.26	17.62	0.93	55.37	13.23	32.97	11.49	255.92	31.95	1.69	100.37	
09/08/2024 16:00	18.25	6.24	136.52	13.26	17.97	1.26	55.35	13.24	33.21	11.35	248.38	32.59	2.28	100.38	
09/08/2024 16:05	17.99	6.37	138.89	13.27	18.16	1.56	58.56	13.24	32.79	11.61	253.15	32.95	2.84	106.27	
09/08/2024 16:10	18.19	6.55	139.92	13.28	18.07	1.11	55.04	13.25	33.18	11.95	255.23	32.82	2.02	99.97	
09/08/2024 16:15	18.26	6.13	135.31	13.27	17.75	0.98	55.46	13.24	33.26	11.16	246.47	32.22	1.78	100.66	
09/08/2024 16:20	18.2	6.34	139.3	13.27	17.9	1.3	58.46	13.24	33.15	11.55	253.79	32.5	2.37	106.16	
09/08/2024 16:25	18.33	6.47	139.55	13.27	17.95	1.13	55.32	13.25	33.4	11.79	254.28	32.6	2.06	100.47	
09/08/2024 16:30	18.39	6.25	137.2	13.26	18.06	1.1	55.26	13.24	33.47	11.37	249.78	32.78	2	100.27	
09/08/2024 16:35	18.02	6.11	139.13	13.26	18.27	1.39	58.41	13.24	32.79	11.12	253.27	33.15	2.53	106.02	
09/08/2024 16:40	18.14	6.28	139.63	13.27	17.48	0.95	55.46	13.24	33.03	11.44	254.22	31.72	1.72	100.66	
09/08/2024 16:45	18.31	6.34	135.11	13.27	18.14	1.59	55.71	13.25	33.36	11.55	246.15	32.96	2.89	101.24	
09/08/2024 16:50	18.3	6.42	139.27	13.29	18.34	1.9	57.54	13.25	33.41	11.72	254.26	33.34	3.46	104.63	
09/08/2024 16:55	18.31	6.47	139.8	13.29	17.82	1.1	55.28	13.26	33.45	11.82	255.37	32.4	1.99	100.53	
09/08/2024 17:00	18.32	5.9	132.11	13.26	18.26	1.53	55.6	13.25	33.33	10.74	240.32	33.18	2.78	101.07	
09/08/2024 17:05	17.89	5.75	134.43	13.24	18.32	1.84	58.87	13.25	32.48	10.43	244.09	33.31	3.35	107.04	
09/08/2024 17:10	17.97	6	134.92	13.25	17.99	1.39	56.54	13.27	32.66	10.91	245.25	32.76	2.53	102.95	
09/08/2024 17:15	18.26	5.86	132.82	13.25	18.25	1.67	55.98	13.26	33.17	10.64	241.28	33.22	3.03	101.91	
09/08/2024 17:20	17.93	5.69	135.66	13.24	18.33	1.97	59.04	13.27	32.55	10.32	246.33	33.37	3.59	107.48	
09/08/2024 17:25	17.91	5.72	134.11	13.25	17.52	1.02	55.7	13.26	32.53	10.39	243.63	31.88	1.85	101.34	
09/08/2024 17:30	18.21	6.16	134.11	13.27	18.01	1.49	52.92	13.25	33.17	11.22	244.35	32.72	2.71	96.18	
09/08/2024 17:35	18.16	6.62	141	13.3	18.21	1.84	54.59	13.25	33.21	12.11	257.84	33.08	3.35	99.2	
09/08/2024 17:40	18.45	6.86	143.25	13.3	17.52	0.73	49.54	13.24	33.76	12.55	262.05	31.78	1.32	89.85	
09/08/2024 17:45	18.19	6.46	138.94	13.29	17.71	0.66	49.39	13.23	33.22	11.81	253.82	32.1	1.2	89.51	
09/08/2024 17:50	18.14	6.85	141.88	13.31	17.85	1.1	53.11	13.24	33.2	12.55	259.7	32.39	1.99	96.42	
09/08/2024 17:55	18.16	6.93	142.11	13.32	17.97	1.13	49.29	13.25	33.28	12.69	260.45	32.64	2.06	89.57	
09/08/2024 18:00	18.31	6.5	138.35	13.3	18.24	1.26	48.55	13.25	33.49	11.9	253.13	33.15	2.29	88.22	
09/08/2024 18:05	18.09	6.36	139.32	13.31	18.22	1.43	51.41	13.25	33.1	11.65	254.98	33.13	2.6	93.49	
09/08/2024 18:10	18.25	6.41	138.81	13.31	17.89	0.91	47.21	13.25	33.42	11.74	254.19	32.52	1.65	85.8	
09/08/2024 18:15	18.36	6.45	136.74	13.31	18.44	1.78	49.96	13.27	33.62	11.82	250.38	33.61	3.24	91.04	
09/08/2024 18:20	18.17	6.74	141.85	13.32	18.65	2.27	55.19	13.28	33.31	12.36	260.06	34.02	4.15	100.74	
09/08/2024 18:25	18.16	6.78	142.61	13.32	17.99	1.31	55.1	13.29	33.29	12.44	261.47	32.86	2.39	100.63	
09/08/2024 18:30	18.13	6.49	138.47	13.31	17.56	1.17	53.61	13.28	33.21	11.9	253.6	32.02	2.13	97.77	
09/08/2024 18:35	18.25	6.88	142.08	13.32	17.65	1.68	58.68	13.28	33.45	12.61	260.43	32.2	3.06	107.11	
09/08/2024 18:40	18.31	6.91	141.56	13.32	18.07	1.46	55.22	13.29	33.59	12.67	259.66	33.02	2.66	100.87	
09/08/2024 18:45	18.25	6.58	138.87	13.31	18.15	1.57	56.02	13.28	33.41	12.04	254.22	33.12	2.86	102.2	
09/08/2024 18:50	18.09	6.78	141.93	13.31	18.14	1.87	59.29	13.28	33.12	12.41	259.84	33.1	3.41	108.2	
09/08/2024 18:55	18.14	7.08	142.22	13.31	18.02	1.46	54.67	13.28	33.24	12.98	260.59	32.89	2.67	99.78	
09/08/2024 19:00	18.06	6.64	139.32	13.31	18.14	1.52	56.28	13.29	33.06	12.15	255.07	33.11	2.78	102.75	
09/08/2024 19:05	17.93	6.71	142.68	13.31	18.11	1.77	60.5	13.29	32.83	12.29	261.29	33.08	3.24	110.5	
09/08/2024 19:10	17.86	6.72	141.25	13.31	17.65	1.42	56.55	13.29	32.72	12.32	258.82	32.22	2.59	103.23	
09/08/2024 19:15	17.9	6.61	138.63	13.31	17.32	1.4	56.14	13.28	32.78	12.1	253.89	31.61	2.56	102.45	
09/08/2024 19:20	18	7.05	143	13.32	17.33	1.77	59.69	13.29	33.01	12.92	262.24	31.64	3.24	109.02	
09/08/2024 19:25	17.83	7.19	144.67	13.32	17.65	1.3	56.16	13.29	32.7	13.19	265.36	32.23	2.38	102.54	
09/08/2024 19:30	17.88	6.71	139.8	13.31	17.79	1.52	56.4	13.28	32.76	12.29	256.12	32.46	2.78	102.93	
09/08/2024 19:35	18.1	7.08	142.98	13.32	17.88	1.95	60.74	13.29	33.2	12.99	262.24	32.64	3.57	110.94	
09/08/2024 19:40	18.14	7.27	144.39	13.33	17.23	1.13	56.42	13.29	33.29	13.34	264.95	31.49	2.07	103.07	
09/08/2024 19:45	18.08	6.76	138.97	13.31	18.36	2.08	57.23	13.29	33.13	12.4	254.65	33.55	3.8	104.59	
09/08/2024 19:50	17.95	7.02	142.9	13.32	18.4	2.4	60.7	13.3	32.91	12.87	261.95	33.65	4.38	111	
09/08/2024 19:55	18.17	7.08	142.73	13.32	17.56	1.63	56.77	13.3	33.33	12.99	261.81	32.1	2.98	103.78	
09/08/2024 20:00	17.99	6.81	140.16	13.32	18.19	1.88	56.67	13.3	32.99	12.49	257.02	33.27	3.44	103.64	
09/08/2024 20:05	17.92	7.01	142.72	13.33	18.09	1.91	61.64	13.3	32.89	12.86	261.9	33.09	3.49	112.75	
09/08/2024 20:10	18.23	7.08	141.81	13.33	17.72	1.57	56.76	13.3	33.46	12.99	260.22	32.41	2.87	103.8	
09/08/2024 20:15	18.04	6.92	138.75	13.32	17.78	1.88	56.16	13.3	33.09	12.7	254.57	32.52	3.45	102.72	
09/08/2024 20:20	17.94	7.22	143.31	13.34	17.91	2.25	59.33	13.3	32.96	13.27	263.34	32.76	4.12	108.58	
09/08/2024 20:25	17.84	7.25	143.95	13.34	17.68	1.53	57.36	13.3	32.8	13.33	264.59	32.34	2.8	104.94	
09/08/2024 20:30	17.75	6.86	140.65	13.32	17.63	1.61	57	13.3	32.58	12.58	258.1	32.23	2.95	104.21	
09/08/2024 20:35	17.83	7.27	143.51	13.33	17.72	1.98	60.14	13.3	32.76	13.35	263.66	32.42	3.63	110.03	
09/08/2024 20:40	17.92	7.35	143.77	13.34	17.65	1.67	56.84	13.31	32.95	13.51	264.35	32.3	3.05	104.07	
09/08/2024 20:45	17.96	6.76	138.77	13.33	18.31	1.97	57.07	13.31	32.98	12.41	254.83	33.52	3.61	104.48	
09/08/2024 20:50	17.91	7.06	142.59	13.33	18.29	2.02	61.14	13.31	32.89	12.97	261.89	33.47	3.7	111.92	
09/08/2024 20:55	17.95	7.14	142.7	13.34	17.51	1.75	57.96	13.31	32.99	13.13	262.24	32.07	3.21	106.13	
09/08/2024 21:00	17.83	6.95	140.41	13.33	17.64	2.15	58.91	13.31	32.76	12.77	257.99	32.32	3.93	107.96	
09/08/2024 21:05	17.81	7.14	143.19	13.34	17.69	2.36	62.1	13.32	32.74	13.12	263.26	32.42	4.32	113.82	
09/08/2024 21:10	17.64	7.18	143.19	13.34	17.41	1.52	57.45	13.31	32.42	13.19	263.18	31.87	2.78	105.16	
09/08/2024 21:15	17.67	6.76	138.77	13.33	17.81	1.98	58.13	13.3	32.44	12.42	254.82	32.59	3.62	106.38	
09/08/2024 21:20	17.76	7.32	142.69	13.34	17.98	2.32	61.19	13.31	32.66	13.46	262.38	32.93	4.25	112.07	
09/08/2024 21:25	17.98	7.32	142.31	13.34	17.34	1.6	57.52	13.31	33.08	13.46	261.74	31.76	2.92	105.35	
09/08/2024 21:30	17.82	6.86	139.66	13.33	17.78	1.88	58.49	13.31	32.74	12.61	256.57	32.55	3.43	107.07	
09/08/2024 21:35	17.92	7.23	143.28	13.34	17.89	2.19	62.14	13.31	32.93	13.29	263.34	32.75	4.02	113.8	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
09/08/2024 23:05	17.96	7.32	143.62	13.34	18.03	2.6	61.61	13.32	33.04	13.45	264.16	33.06	4.78	113	
09/08/2024 23:10	18.16	7.27	142.77	13.34	17.51	1.66	58.18	13.31	33.38	13.36	262.46	32.08	3.04	106.56	
09/08/2024 23:15	18.01	7.1	140.4	13.33	17.96	2.35	58.77	13.31	33.08	13.05	257.94	32.9	4.31	107.67	
09/08/2024 23:20	17.96	7.42	143.76	13.34	18.19	2.73	61.47	13.32	33.02	13.65	264.35	33.34	5	112.68	
09/08/2024 23:25	18.05	7.5	143.89	13.34	17.62	1.64	57.29	13.31	33.18	13.8	264.58	32.26	3	104.9	
09/08/2024 23:30	17.9	7	140.21	13.33	17.77	1.72	57.54	13.3	32.86	12.86	257.48	32.51	3.14	105.3	
09/08/2024 23:35	17.84	7.51	144.66	13.34	17.89	2.12	60.99	13.31	32.81	13.8	266.01	32.77	3.88	111.73	
09/08/2024 23:40	18.08	7.72	146.33	13.35	17.39	1.74	57.87	13.32	33.28	14.21	269.34	31.88	3.18	106.06	
09/08/2024 23:45	17.99	7.02	139.79	13.33	17.81	1.77	57.07	13.31	33.06	12.9	256.87	32.6	3.25	104.48	
09/08/2024 23:50	17.77	7.26	143.62	13.34	17.93	2.07	59.83	13.31	32.66	13.35	263.95	32.83	3.8	109.58	
09/08/2024 23:55	17.98	7.5	144.55	13.34	17.46	1.77	57.67	13.31	33.06	13.79	265.73	31.98	3.24	105.65	
10/08/2024 00:00	17.97	6.77	137.47	13.33	18.13	2.12	54.33	13.32	33.01	12.43	252.58	33.23	3.89	99.58	
10/08/2024 00:05	18.06	6.54	136.52	13.34	18.35	2.34	58.53	13.32	33.18	12.02	250.91	33.64	4.3	107.32	
10/08/2024 00:10	18.3	6.64	137.06	13.34	17.62	1.49	53.28	13.31	33.64	12.21	251.98	32.27	2.73	97.59	
10/08/2024 00:15	18.01	6.48	134.34	13.34	17.82	2.02	54.53	13.32	33.1	11.91	246.96	32.67	3.71	99.96	
10/08/2024 00:20	17.98	6.79	137.25	13.35	17.83	2.23	58.56	13.32	33.1	12.5	252.58	32.7	4.09	107.42	
10/08/2024 00:25	17.94	6.8	136	13.35	17.35	1.32	52.44	13.31	33.04	12.52	250.49	31.79	2.42	96.1	
10/08/2024 00:30	17.92	6.57	132.75	13.34	17.87	1.78	53.27	13.32	32.96	12.09	244.16	32.77	3.26	97.66	
10/08/2024 00:35	18.03	7.07	139.59	13.35	17.99	2.26	58.11	13.32	33.19	13.02	256.99	33	4.14	106.63	
10/08/2024 00:40	18.05	7.24	140.92	13.35	17.65	1.71	54.42	13.32	33.25	13.33	259.61	32.38	3.15	99.84	
10/08/2024 00:45	17.92	6.68	136.89	13.34	17.7	1.64	55.09	13.32	32.96	12.28	251.84	32.46	3.01	101.01	
10/08/2024 00:50	17.87	7.02	140.17	13.34	17.73	1.81	58.94	13.32	32.88	12.91	257.87	32.52	3.32	108.09	
10/08/2024 00:55	17.81	7.22	140.81	13.34	17.56	1.67	55.9	13.32	32.77	13.29	259.03	32.2	3.06	102.49	
10/08/2024 01:00	17.93	6.7	135.96	13.33	18.2	2.04	56.18	13.32	32.93	12.31	249.78	33.35	3.74	102.97	
10/08/2024 01:05	17.87	6.96	139.79	13.34	18.38	2.49	60.85	13.32	32.85	12.79	257	33.7	4.56	111.59	
10/08/2024 01:10	17.94	7.1	140.56	13.34	17.61	1.72	55.84	13.32	33	13.06	258.57	32.29	3.15	102.36	
10/08/2024 01:15	17.5	6.76	137.2	13.34	17.66	1.93	56.03	13.32	32.19	12.43	252.39	32.4	3.54	102.81	
10/08/2024 01:20	17.6	6.94	139.69	13.35	17.59	2.11	59.03	13.33	32.41	12.79	257.2	32.28	3.87	108.36	
10/08/2024 01:25	17.36	7.11	140.94	13.36	17.54	1.5	54.76	13.32	31.99	13.11	259.74	32.16	2.74	100.42	
10/08/2024 01:30	18.25	6.92	137.63	13.35	18.54	2.43	54.81	13.33	33.58	12.74	253.28	34.02	4.45	100.57	
10/08/2024 01:35	17.15	7.1	140.99	13.35	18.88	2.83	59.83	13.33	31.58	13.07	259.57	34.66	5.2	109.85	
10/08/2024 01:40	17.75	7.39	142.5	13.35	17.62	1.58	55.11	13.32	32.69	13.62	262.41	32.3	2.9	101.03	
10/08/2024 01:45	17.71	6.81	137.93	13.35	17.99	1.97	55.51	13.32	32.58	12.53	253.83	33	3.61	101.81	
10/08/2024 01:50	17.97	7.22	140.76	13.35	17.96	2.31	59.21	13.33	33.11	13.31	259.32	32.97	4.24	108.68	
10/08/2024 01:55	18.38	7.25	140.97	13.35	17.48	1.69	55.52	13.32	33.85	13.36	259.69	32.08	3.09	101.87	
10/08/2024 02:00	18.21	6.85	138.03	13.34	18.06	1.96	54.52	13.32	33.49	12.61	253.9	33.11	3.59	99.94	
10/08/2024 02:05	17.89	6.99	139.34	13.34	18.14	2.28	56.39	13.32	32.91	12.86	256.33	33.27	4.19	103.41	
10/08/2024 02:10	18.38	7.03	138.38	13.35	17.58	1.72	55.25	13.32	33.81	12.94	254.6	32.25	3.16	101.33	
10/08/2024 02:15	18.07	6.93	138.4	13.34	17.99	2.07	56.05	13.32	33.24	12.75	254.53	32.98	3.8	102.76	
10/08/2024 02:20	17.36	7.15	142.09	13.35	17.97	2.38	58.44	13.32	31.94	13.16	261.43	32.95	4.36	107.17	
10/08/2024 02:25	15.66	6.96	142.42	13.35	17.38	1.46	54.35	13.31	28.81	12.8	262.04	31.83	2.67	99.53	
10/08/2024 02:30	17.58	6.84	137.88	13.34	18.48	2.05	55.78	13.32	32.33	12.57	253.51	33.86	3.75	102.24	
10/08/2024 02:35	17.69	7	140.16	13.35	18.87	2.4	58.99	13.32	32.56	12.89	257.97	34.6	4.4	108.18	
10/08/2024 02:40	17.53	6.94	140.8	13.35	17.03	1.3	55.65	13.31	32.26	12.77	259.05	31.2	2.38	101.93	
10/08/2024 02:45	17.73	6.66	136.51	13.34	17.67	1.78	55.26	13.31	32.59	12.25	250.99	32.37	3.27	101.26	
10/08/2024 02:50	18.05	7.1	138.59	13.35	17.93	2.14	58.29	13.32	33.23	13.07	255.16	32.87	3.92	106.89	
10/08/2024 02:55	18.27	7.25	138.86	13.35	17.58	1.57	54.84	13.32	33.64	13.36	255.7	32.23	2.88	100.55	
10/08/2024 03:00	17.99	6.81	136.95	13.34	17.65	1.87	55.15	13.32	33.09	12.53	251.86	32.36	3.44	101.09	
10/08/2024 03:05	17.88	7.07	139.49	13.35	17.62	2.13	60.48	13.32	32.9	13.01	256.69	32.32	3.91	110.91	
10/08/2024 03:10	18.28	7.14	138.94	13.35	17.64	1.8	54.69	13.32	33.66	13.15	255.79	32.35	3.3	100.33	
10/08/2024 03:15	18.07	6.76	134.04	13.34	18.13	2.07	54.4	13.32	33.24	12.43	246.53	33.26	3.79	99.77	
10/08/2024 03:20	17.92	6.96	139.1	13.35	18.16	2.34	57.85	13.32	32.98	12.8	255.93	33.31	4.29	106.15	
10/08/2024 03:25	18	7	139.45	13.35	17.3	1.57	55.38	13.32	33.13	12.89	256.69	31.73	2.87	101.54	
10/08/2024 03:30	17.81	6.69	135.97	13.35	17.93	2.44	56.07	13.32	32.77	12.31	250.22	32.89	4.48	102.87	
10/08/2024 03:35	17.74	6.88	138.28	13.36	17.97	2.71	58.89	13.32	32.68	12.67	254.81	32.97	4.97	108.08	
10/08/2024 03:40	21.48	7.69	141.48	13.36	16.96	1.55	55.45	13.32	39.59	14.17	260.7	31.12	2.84	101.75	
10/08/2024 03:45	18.85	6.9	137.03	13.34	17.76	1.87	55.88	13.32	34.68	12.7	252.13	32.57	3.42	102.47	
10/08/2024 03:50	17.95	7.12	138.97	13.35	17.77	2.11	58.98	13.32	33.06	13.11	256.01	32.59	3.88	108.19	
10/08/2024 03:55	18.28	7.14	138.16	13.36	17.43	1.64	55.3	13.33	33.69	13.17	254.62	31.99	3	101.52	
10/08/2024 04:00	17.86	6.79	135.46	13.35	17.88	1.93	54.9	13.32	32.86	12.49	249.27	32.8	3.53	100.68	
10/08/2024 04:05	18.02	7.15	141.1	13.35	17.93	2.18	56.25	13.32	33.19	13.17	259.8	32.89	3.99	103.18	
10/08/2024 04:10	18.16	7.22	140.66	13.35	17.82	1.84	55.47	13.33	33.45	13.31	259.12	32.7	3.38	101.79	
10/08/2024 04:15	18.12	6.74	136.93	13.34	18.34	2.07	54.23	13.32	33.34	12.39	251.94	33.64	3.79	99.44	
10/08/2024 04:20	17.71	6.96	139.21	13.34	18.47	2.39	57.65	13.32	32.58	12.8	256.06	33.88	4.38	105.75	
10/08/2024 04:25	16.72	7.3	139.73	13.34	17.23	1.7	55.51	13.32	30.75	13.43	256.99	31.61	3.11	101.83	
10/08/2024 04:30	17.63	6.89	134.99	13.34	18.63	2.14	56.6	13.33	32.42	12.66	248.22	34.19	3.92	103.87	
10/08/2024 04:35	17.94	6.95	139.85	13.35	18.46	2.3	60.05	13.33	33.02	12.79	257.43	33.89	4.23	110.26	
10/08/2024 04:40	18.02	6.89	139.94	13.35	17.74	1.68	54.93	13.33	33.19	12.7	257.79	32.56	3.08	100.82	
10/08/2024 04:45	17.98	6.71	136.54	13.35	18.2	2.28	55.34	13.33	33.11	12.36	251.45	33.44	4.19	101.66	
10/08/2024 04:50	18.03	6.99	139.18	13.36	18.28	2.6	59.15	13.34	33.22	12.88	256.44	33.6	4.77	108.72	
10/08/2024 04:55	18.14	6.97	138.91	13.35	17.52	1.6	55.42	13.32	33.41	12.84	255.84	32.14	2.93	101.68	
10/08/2024 05:00	17.88	6.62	135.1	13.34	17.54	2.13	56.74</								



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
10/08/2024 06:30	18.6	6.8	135.49	13.35	17.49	1.94	52.92	13.33	34.25	12.53	249.58	32.12	3.56	97.17	
10/08/2024 06:35	18.03	6.9	138.62	13.36	17.36	2.2	55.21	13.33	33.23	12.72	255.49	31.89	4.05	101.41	
10/08/2024 06:40	18.06	6.94	139.42	13.36	17.68	1.76	53.91	13.33	33.31	12.8	257.11	32.46	3.23	99	
10/08/2024 06:45	18.16	6.78	134.76	13.36	18.78	2.35	54.36	13.34	33.47	12.5	248.36	34.51	4.33	99.89	
10/08/2024 06:50	18.12	6.95	139.02	13.37	19.02	2.72	57.63	13.34	33.43	12.82	256.5	34.96	4.99	105.95	
10/08/2024 06:55	18.36	7.02	138.41	13.37	17.49	1.56	53.8	13.33	33.88	12.95	255.4	32.14	2.86	98.84	
10/08/2024 07:00	18.16	6.75	136.48	13.36	18.04	2.04	53.22	13.33	33.48	12.45	251.59	33.14	3.74	97.76	
10/08/2024 07:05	18.03	7.01	139.22	13.36	18.02	2.3	56.58	13.34	33.26	12.93	256.8	33.12	4.22	104	
10/08/2024 07:10	17.73	7.16	139.78	13.37	17.83	1.65	54.2	13.33	32.72	13.21	257.93	32.74	3.03	99.54	
10/08/2024 07:15	18.04	6.69	135.75	13.36	17.95	1.8	54.4	13.33	33.24	12.33	250.16	32.97	3.3	99.89	
10/08/2024 07:20	18.02	7.05	138.82	13.37	18.01	2.09	57.81	13.33	33.25	13	256.11	33.09	3.84	106.24	
10/08/2024 07:25	17.2	7.03	138.59	13.37	17.75	1.51	53.82	13.33	31.75	12.98	255.79	32.61	2.78	98.87	
10/08/2024 07:30	17.62	6.66	136.39	13.35	18.08	1.88	53.97	13.33	32.44	12.27	251.18	33.18	3.44	99.04	
10/08/2024 07:35	18.05	7	139.42	13.35	18.16	2.16	55.81	13.33	33.23	12.89	256.72	33.33	3.97	102.47	
10/08/2024 07:40	18.25	7.05	139.39	13.36	17.79	1.54	52.87	13.32	33.63	12.99	256.89	32.62	2.83	96.98	
10/08/2024 07:45	18.36	6.56	135.22	13.35	18.54	2.06	54.55	13.32	33.77	12.07	248.81	34.02	3.78	100.07	
10/08/2024 07:50	18.36	6.85	138.95	13.35	18.62	2.34	57.05	13.32	33.79	12.61	255.78	34.16	4.29	104.68	
10/08/2024 07:55	18.47	7.07	139.33	13.35	17.85	1.71	54.03	13.32	34.02	13.01	256.62	32.74	3.15	99.11	
10/08/2024 08:00	18.37	6.7	136.16	13.34	18.31	1.93	53.23	13.32	33.8	12.33	250.52	33.58	3.54	97.58	
10/08/2024 08:05	18.23	6.79	139.03	13.35	18.32	2.23	56.4	13.32	33.54	12.49	255.8	33.58	4.1	103.43	
10/08/2024 08:10	18.36	6.89	138.69	13.34	18.06	1.5	52.09	13.31	33.77	12.68	255.12	33.07	2.75	95.4	
10/08/2024 08:15	18.23	6.59	132.99	13.34	17.99	1.71	52.15	13.31	33.52	12.11	244.48	32.95	3.14	95.53	
10/08/2024 08:20	18.4	6.88	137.92	13.34	18.18	2.14	55.34	13.32	33.85	12.65	253.72	33.32	3.92	101.46	
10/08/2024 08:25	18.44	7.14	139.17	13.35	17.8	1.25	52.91	13.31	33.93	13.15	256.12	32.6	2.29	96.94	
10/08/2024 08:30	18.41	6.51	134.07	13.33	18.51	1.86	53.2	13.31	33.83	11.97	246.32	33.89	3.41	97.41	
10/08/2024 08:35	18.45	6.75	137.82	13.33	18.78	2.33	57.66	13.31	33.9	12.4	253.2	34.41	4.27	105.67	
10/08/2024 08:40	19.08	6.89	138.45	13.34	18.38	1.58	51.78	13.3	35.07	12.67	254.48	33.62	2.89	94.74	
10/08/2024 08:45	18.71	6.51	133.64	13.32	18.64	1.61	52.4	13.3	34.33	11.94	245.18	34.08	2.95	95.82	
10/08/2024 08:50	18.37	6.57	138.09	13.32	18.62	1.93	56.18	13.3	33.67	12.05	253.06	34.07	3.53	102.78	
10/08/2024 08:55	18	6.69	138.25	13.32	18.31	1.47	52.43	13.29	33	12.27	253.48	33.45	2.69	95.79	
10/08/2024 09:00	18.2	6.45	135.08	13.31	18.37	1.58	51.26	13.29	33.35	11.82	247.55	33.54	2.88	93.59	
10/08/2024 09:05	18.24	6.52	137.9	13.31	18.48	1.89	54.35	13.29	33.42	11.94	252.67	33.75	3.45	99.26	
10/08/2024 09:10	19.14	6.71	139.02	13.32	18.04	1.32	53.07	13.28	35.08	12.29	254.78	32.93	2.41	96.86	
10/08/2024 09:15	18.54	6.42	135.46	13.31	17.99	1.76	54.01	13.28	33.95	11.75	248.02	32.83	3.21	98.56	
10/08/2024 09:20	18.53	6.68	137.36	13.31	18.07	2.15	57.26	13.29	33.95	12.24	251.69	32.99	3.93	104.57	
10/08/2024 09:25	18.78	6.72	137.44	13.32	18.1	1.34	53.11	13.28	34.43	12.32	251.99	33.02	2.44	96.86	
10/08/2024 09:30	18.48	6.34	134.36	13.3	18.17	1.46	53.07	13.27	33.78	11.6	245.69	33.1	2.67	96.68	
10/08/2024 09:35	18.25	6.56	137.78	13.3	18.18	1.72	58.38	13.27	33.37	12	251.93	33.13	3.14	106.38	
10/08/2024 09:40	18.36	6.71	137.16	13.3	17.65	1.09	52.69	13.27	33.58	12.27	250.85	32.15	1.98	95.97	
10/08/2024 09:45	18.5	6.3	133.55	13.29	18.2	1.52	53.29	13.27	33.8	11.51	243.96	33.14	2.77	97.05	
10/08/2024 09:50	18.29	6.26	137.18	13.29	18.26	1.81	56.74	13.27	33.4	11.42	250.52	33.27	3.3	103.36	
10/08/2024 09:55	17.72	6.25	137.59	13.29	18	1.29	53.51	13.25	32.37	11.42	251.34	32.71	2.35	97.25	
10/08/2024 10:00	18.08	6.31	135.85	13.28	18.27	1.62	54.06	13.25	32.98	11.51	247.81	33.2	2.95	98.26	
10/08/2024 10:05	18.2	6.68	139.94	13.28	18.28	1.87	56.72	13.26	33.21	12.18	255.3	33.24	3.41	103.14	
10/08/2024 10:10	18.08	6.68	139.47	13.28	17.98	1.25	54.17	13.25	32.99	12.18	254.51	32.68	2.28	98.45	
10/08/2024 10:15	18.38	6.39	135.6	13.27	18.07	1.53	53.8	13.24	33.47	11.64	246.99	32.79	2.78	97.65	
10/08/2024 10:20	18.11	6.22	138.64	13.26	18.05	1.99	59.56	13.24	32.93	11.32	252.19	32.76	3.61	108.15	
10/08/2024 10:25	18.14	6.36	139.38	13.26	18.14	1.42	54	13.23	33	11.57	253.5	32.89	2.57	97.91	
10/08/2024 10:30	18.42	6.32	135.18	13.26	18.48	1.99	54.76	13.24	33.51	11.49	245.9	33.53	3.6	99.35	
10/08/2024 10:35	18.45	6.46	138.53	13.26	18.48	2.28	57.7	13.24	33.58	11.75	252.1	33.55	4.14	104.73	
10/08/2024 10:40	18.84	6.58	138.3	13.26	18.23	1.21	53.22	13.24	34.27	11.97	251.54	33.07	2.2	96.56	
10/08/2024 10:45	18.67	6.36	135.18	13.25	18.12	1.26	53.22	13.23	33.93	11.56	245.74	32.86	2.28	96.49	
10/08/2024 10:50	18.22	6.14	138.63	13.25	18.1	1.54	56.56	13.23	33.09	11.16	251.82	32.81	2.79	102.56	
10/08/2024 10:55	17.91	6.19	139	13.25	17.88	1	53.29	13.21	32.53	11.25	252.51	32.35	1.81	96.38	
10/08/2024 11:00	18.21	6.16	135.43	13.24	18.19	1.29	52.43	13.21	33.04	11.17	245.77	32.89	2.33	94.8	
10/08/2024 11:05	18.11	6.5	139.49	13.25	18.29	1.57	55.41	13.22	32.91	11.82	253.5	33.09	2.85	100.25	
10/08/2024 11:10	17.94	6.66	139.77	13.26	18.08	1.18	53.9	13.23	32.63	12.11	254.21	32.76	2.15	97.67	
10/08/2024 11:15	18.37	6.3	134.68	13.25	18.44	1.27	54.03	13.23	33.38	11.44	244.77	33.42	2.3	97.91	
10/08/2024 11:20	18.23	6.16	137.21	13.25	18.55	1.53	57.54	13.23	33.11	11.18	249.25	33.63	2.78	104.32	
10/08/2024 11:25	18.22	6.19	136.27	13.25	18.36	1.26	54.28	13.22	33.09	11.24	247.49	33.22	2.28	98.22	
10/08/2024 11:30	18.44	6.1	134.28	13.24	18.33	1.26	54.21	13.21	33.45	11.07	243.56	33.13	2.28	97.96	
10/08/2024 11:35	18.48	6.16	137.04	13.23	18.45	1.49	58.23	13.21	33.5	11.16	248.39	33.34	2.69	105.22	
10/08/2024 11:40	18.61	6.25	137.36	13.23	18.59	1.43	54.56	13.2	33.71	11.33	248.82	33.58	2.58	98.52	
10/08/2024 11:45	18.51	5.97	132.69	13.21	18.65	1.21	54.44	13.19	33.48	10.81	239.99	33.62	2.18	98.15	
10/08/2024 11:50	18.4	6.11	137.39	13.21	18.79	1.41	59.82	13.19	33.27	11.05	248.41	33.87	2.55	107.88	
10/08/2024 11:55	18.5	6.07	137.78	13.21	18.76	1.41	53.89	13.19	33.46	10.97	249.18	33.81	2.55	97.1	
10/08/2024 12:00	18.36	5.76	134.1	13.2	18.35	0.95	53.58	13.18	33.15	10.41	242.14	33.03	1.71	96.43	
10/08/2024 12:05	18.28	5.91	136	13.2	18.38	1.16	56.5	13.18	33.01	10.67	245.56	33.09	2.09	101.74	
10/08/2024 12:10	18.11	5.96	136.23	13.21	18.66	1.33	53.56	13.18	32.72	10.76	246.18	33.62	2.4	96.49	
10/08/2024 12:15	18.38	5.83	132.63	13.2	18.16	1.07	53.79	13.18	33.18	10.52	239.51	32.69	1.93	96.86	
10/08/2024 12:20	18.37	6.1	136.25	13.2	18.13	1.27	58.56	13.18	33.17	11.01	246.01	32.64	2.29	105.49	
10/08/2024 12:25	18.28	6.25	136.94	13.2	18.72	1.38	54.43	13.18	33.01	11.29	247.25	33.7	2.48	97.97	
10/08/2024 12:30	18.36	5.92													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
10/08/2024 13:55	18.34	5.97	136.55	13.21	18.32	1.3	54.55	13.18	33.16	10.8	246.84	32.99	2.33	98.27	
10/08/2024 14:00	18.2	5.72	133.46	13.2	18.12	1.06	55.92	13.18	32.87	10.32	241.01	32.63	1.91	100.68	
10/08/2024 14:05	18.32	5.89	136.72	13.21	18.12	1.17	59.65	13.18	33.1	10.63	246.98	32.62	2.11	107.45	
10/08/2024 14:10	18.22	5.85	136.52	13.2	18.2	1.19	55.32	13.18	32.91	10.56	246.59	32.78	2.14	99.63	
10/08/2024 14:15	18.17	5.64	133.73	13.2	17.97	0.96	54.98	13.17	32.8	10.18	241.39	32.32	1.73	98.9	
10/08/2024 14:20	18.02	5.74	136.89	13.2	17.93	1.18	57.78	13.17	32.55	10.38	247.25	32.25	2.12	103.97	
10/08/2024 14:25	18.09	5.72	137.41	13.2	17.94	0.97	55.28	13.18	32.68	10.33	248.2	32.32	1.75	99.59	
10/08/2024 14:30	18.23	5.79	131.29	13.2	17.64	0.8	56.29	13.18	32.92	10.46	237.17	31.77	1.44	101.38	
10/08/2024 14:35	18.11	6.04	137.62	13.21	17.73	1.03	59.36	13.19	32.75	10.93	248.88	31.95	1.86	106.96	
10/08/2024 14:40	18.31	6.17	138.3	13.22	18.31	1.25	55.98	13.19	33.13	11.17	250.21	33	2.26	100.89	
10/08/2024 14:45	18.22	5.87	134.32	13.2	18.09	1.08	56.51	13.18	32.91	10.6	242.56	32.58	1.94	101.73	
10/08/2024 14:50	18.16	6.13	137.96	13.2	18.21	1.33	59.95	13.18	32.78	11.07	249.08	32.79	2.39	107.97	
10/08/2024 14:55	18.2	6.13	137.7	13.2	18.32	1.42	56.8	13.18	32.87	11.06	248.63	32.98	2.56	102.22	
10/08/2024 15:00	18.2	5.8	134.55	13.19	18	1.18	56.76	13.17	32.81	10.46	242.61	32.36	2.13	102.03	
10/08/2024 15:05	18.04	5.87	137.64	13.19	17.98	1.41	60.34	13.17	32.52	10.58	248.16	32.33	2.53	108.49	
10/08/2024 15:10	17.72	5.64	136.63	13.19	18.01	1.04	56.41	13.16	31.94	10.17	246.28	32.36	1.86	101.37	
10/08/2024 15:15	18.06	5.73	134.2	13.19	17.78	0.94	56.37	13.16	32.56	10.33	241.91	31.94	1.69	101.27	
10/08/2024 15:20	18.17	6.14	138.57	13.2	17.86	1.19	59.1	13.17	32.8	11.09	250.23	32.1	2.14	106.23	
10/08/2024 15:25	18.38	6.19	138.72	13.2	18.3	1.38	56.95	13.18	33.18	11.18	250.47	32.94	2.48	102.51	
10/08/2024 15:30	18.19	5.67	135.07	13.19	18.1	1.1	55.98	13.17	32.79	10.22	243.55	32.53	1.97	100.61	
10/08/2024 15:35	17.93	5.85	137.93	13.19	18.07	1.29	59.05	13.17	32.32	10.54	248.55	32.47	2.32	106.14	
10/08/2024 15:40	17.86	5.91	137.06	13.18	17.84	1.22	57.08	13.17	32.17	10.65	246.92	32.07	2.2	102.6	
10/08/2024 15:45	18.05	5.84	134.35	13.18	17.69	1.06	56.78	13.16	32.51	10.51	242.02	31.76	1.9	101.96	
10/08/2024 15:50	17.99	5.91	138.1	13.19	17.72	1.35	60.67	13.16	32.41	10.65	248.83	31.84	2.43	109.01	
10/08/2024 15:55	18.25	5.83	137.08	13.19	17.42	0.85	56.67	13.17	32.88	10.51	247	31.3	1.52	101.84	
10/08/2024 16:00	18.24	5.91	134.15	13.19	17.6	0.96	56.17	13.17	32.89	10.66	241.94	31.63	1.73	100.98	
10/08/2024 16:05	18.03	6.08	136.78	13.21	17.73	1.3	60.03	13.17	32.58	10.99	247.17	31.89	2.34	107.99	
10/08/2024 16:10	18.39	6.25	136.94	13.21	17.85	1.19	56.66	13.19	33.25	11.3	247.55	32.16	2.14	102.1	
10/08/2024 16:15	18.19	5.86	133.24	13.2	17.31	0.81	56.84	13.17	32.83	10.58	240.54	31.14	1.46	102.24	
10/08/2024 16:20	17.89	6.04	138.36	13.2	17.35	1.14	60.32	13.17	32.31	10.92	249.93	31.22	2.06	108.56	
10/08/2024 16:25	18.22	6.39	139.7	13.21	17.51	1.1	56.41	13.19	32.94	11.56	252.6	31.56	1.98	101.68	
10/08/2024 16:30	18.22	6.2	135.06	13.22	17.55	1.39	56.66	13.2	32.96	11.22	244.33	31.67	2.5	102.22	
10/08/2024 16:35	17.93	6.01	136.33	13.22	17.57	1.79	60.95	13.2	32.46	10.89	246.83	31.72	3.23	110.04	
10/08/2024 16:40	17.75	6.17	137.13	13.23	17.43	0.97	56.49	13.19	32.15	11.18	248.34	31.44	1.75	101.9	
10/08/2024 16:45	17.88	6.1	134.9	13.22	17.14	1.1	57.55	13.19	32.35	11.03	244.05	30.91	1.99	103.75	
10/08/2024 16:50	17.78	6.42	139.64	13.23	17.21	1.3	61.22	13.19	32.21	11.63	252.96	31.05	2.35	110.44	
10/08/2024 16:55	18.11	6.61	140.25	13.23	17.47	1.21	57.73	13.21	32.82	11.99	254.21	31.59	2.18	104.35	
10/08/2024 17:00	18.2	5.84	132.52	13.21	17.94	1.41	57.64	13.22	32.88	10.55	239.44	32.45	2.56	104.26	
10/08/2024 17:05	17.71	5.28	132.21	13.19	17.97	1.62	60.15	13.22	31.92	9.52	238.25	32.51	2.93	108.79	
10/08/2024 17:10	17.94	5.53	132.95	13.19	17.41	0.99	55.6	13.2	32.33	9.97	239.62	31.44	1.79	100.38	
10/08/2024 17:15	18.1	5.53	131.17	13.19	17.89	1.45	58.43	13.21	32.62	9.97	236.37	32.33	2.61	105.59	
10/08/2024 17:20	17.94	5.74	135.03	13.2	18.06	1.68	61.58	13.21	32.39	10.36	243.77	32.64	3.04	111.29	
10/08/2024 17:25	18.03	6	135.78	13.2	17.55	1.05	56.59	13.21	32.56	10.84	245.16	31.73	1.9	102.3	
10/08/2024 17:30	18.01	5.92	133.72	13.21	17.57	0.87	52.38	13.18	32.56	10.7	241.79	31.64	1.57	94.31	
10/08/2024 17:35	18.04	6.4	139.24	13.24	17.62	1.08	53.5	13.18	32.71	11.61	252.52	31.71	1.95	96.33	
10/08/2024 17:40	18.19	6.43	137.69	13.24	17.6	0.8	49.1	13.18	33.02	11.66	249.97	31.7	1.45	88.45	
10/08/2024 17:45	18.1	6.22	133.25	13.24	17.8	1.01	49.18	13.18	32.83	11.28	241.67	32.06	1.81	88.59	
10/08/2024 17:50	17.95	6.25	138.85	13.24	17.79	1.29	53.12	13.19	32.56	11.33	251.81	32.06	2.32	95.76	
10/08/2024 17:55	17.91	6.44	139.73	13.24	17.38	0.68	49.85	13.18	32.48	11.68	253.48	31.3	1.23	89.77	
10/08/2024 18:00	18.05	6.2	135.06	13.24	17.63	1.12	48.49	13.19	32.75	11.26	245.06	31.77	2.01	87.38	
10/08/2024 18:05	18.07	6.54	139.07	13.25	17.75	1.48	52.5	13.19	32.85	11.88	252.82	32.02	2.67	94.78	
10/08/2024 18:10	18.19	6.61	139.3	13.26	17.42	1	56	13.23	33.09	12.03	253.41	31.57	1.81	101.45	
10/08/2024 18:15	18.05	6.13	132.81	13.25	17.47	1.31	55.74	13.22	32.77	11.13	241.24	31.62	2.37	100.9	
10/08/2024 18:20	17.82	6.51	138.92	13.25	17.56	1.72	59.52	13.22	32.38	11.82	252.46	31.79	3.11	107.8	
10/08/2024 18:25	18.08	6.5	138.64	13.25	17.33	1.07	55.27	13.22	32.85	11.82	251.91	31.37	1.93	100.04	
10/08/2024 18:30	18.01	6.03	134.01	13.24	17.44	1.04	56.13	13.21	32.68	10.95	243.13	31.53	1.88	101.49	
10/08/2024 18:35	17.84	6.41	138.38	13.24	17.49	1.34	58.68	13.22	32.39	11.64	251.22	31.64	2.42	106.16	
10/08/2024 18:40	18.02	6.72	139.47	13.25	17.24	1.18	55.54	13.23	32.74	12.22	253.47	31.24	2.13	100.63	
10/08/2024 18:45	18.07	6.43	135.61	13.25	17.83	1.57	55	13.23	32.85	11.69	246.58	32.33	2.85	99.7	
10/08/2024 18:50	17.91	6.49	138.3	13.26	17.94	1.83	60.86	13.24	32.61	11.81	251.78	32.54	3.31	110.43	
10/08/2024 18:55	18.13	6.63	139.13	13.27	17.21	1.08	55.34	13.24	33	12.07	253.31	31.22	1.96	100.38	
10/08/2024 19:00	17.86	6.2	135.06	13.26	16.9	1.2	55.26	13.23	32.48	11.28	245.72	30.63	2.17	100.15	
10/08/2024 19:05	17.96	6.74	138.27	13.27	16.89	1.46	58.97	13.23	32.73	12.28	251.96	30.63	2.66	106.96	
10/08/2024 19:10	18.2	6.82	138.08	13.28	17.59	1.34	55.65	13.25	33.2	12.43	251.86	31.94	2.43	101.09	
10/08/2024 19:15	18.07	6.5	134.81	13.27	18.27	1.75	56.52	13.25	32.92	11.84	245.52	33.19	3.18	102.64	
10/08/2024 19:20	17.95	6.6	138.69	13.27	18.48	2.2	60.58	13.25	32.69	12.02	252.56	33.59	4	110.1	
10/08/2024 19:25	18.11	6.86	138.84	13.27	17.38	1.21	55.38	13.24	33	12.51	253	31.56	2.2	100.55	
10/08/2024 19:30	18.04	6.46	133.88	13.26	17.75	1.42	55.57	13.24	32.84	11.76	243.7	32.21	2.58	100.84	
10/08/2024 19:35	17.86	6.48	139	13.26	17.78	1.7	58.98	13.24	32.52	11.79	253.03	32.27	3.09	107.07	
10/08/2024 19:40	17.89	6.61	139.08	13.27	17.5	1.38	54.47	13.24	32.6	12.05	253.43	31.76	2.5	98.85	
10/08/2024 19:45	18.07	6.39	133.65	13.27	18.13	2.06	55.87	13.25	32.93	11.64	243.55	32.94	3.74	101.53	
10/08/2024 19:50	18.07	6.62	138.95	13.28	18.32	2.42	58.94	13.25	32.96	12.08	253.4	33.3	4.39	107.15	
10/08/2024 19:55															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
10/08/2024 21:20	18.17	6.81	139.92	13.28	18.44	1.86	59.7	13.25	33.15	12.43	255.22	33.51	3.38	108.53	
10/08/2024 21:25	18.17	6.94	140.69	13.28	17.58	1.33	54.46	13.25	33.16	12.67	256.73	31.95	2.41	98.97	
10/08/2024 21:30	18.1	6.43	136.61	13.27	17.92	1.64	55.37	13.25	32.99	11.72	248.95	32.55	2.98	100.58	
10/08/2024 21:35	17.92	6.73	139.63	13.27	17.94	1.83	60.96	13.25	32.66	12.27	254.43	32.59	3.33	110.76	
10/08/2024 21:40	17.94	6.88	139.8	13.28	17.61	1.46	55.55	13.25	32.7	12.54	254.84	32	2.65	100.93	
10/08/2024 21:45	18.08	6.68	135.57	13.27	18.3	2.08	56.47	13.26	32.95	12.17	247.08	33.28	3.78	102.67	
10/08/2024 21:50	17.88	6.72	139.4	13.28	18.52	2.44	59.76	13.26	32.61	12.26	254.22	33.68	4.44	108.71	
10/08/2024 21:55	18.28	6.77	139.27	13.28	17.65	1.56	56.6	13.25	33.34	12.34	253.98	32.08	2.84	102.88	
10/08/2024 22:00	18.17	6.62	135.99	13.28	18.24	2.17	55.55	13.26	33.14	12.08	248.04	33.16	3.94	101.02	
10/08/2024 22:05	18.01	6.91	139.75	13.29	18.29	2.37	61.02	13.26	32.87	12.62	255.11	33.28	4.31	111.02	
10/08/2024 22:10	18.3	6.96	141.11	13.28	17.6	1.44	56.23	13.25	33.39	12.69	257.5	31.99	2.62	102.2	
10/08/2024 22:15	18.15	6.55	136.01	13.28	18.14	2.04	57.2	13.25	33.09	11.94	247.99	32.98	3.71	103.99	
10/08/2024 22:20	18.02	6.96	139.28	13.29	18.25	2.36	60.34	13.26	32.89	12.7	254.29	33.19	4.29	109.78	
10/08/2024 22:25	18.41	7.02	139.05	13.29	17.36	1.38	56.45	13.26	33.64	12.83	254.1	31.58	2.51	102.67	
10/08/2024 22:30	18.21	6.64	136.31	13.28	18.01	1.8	55.97	13.25	33.2	12.12	248.6	32.73	3.28	101.73	
10/08/2024 22:35	17.96	6.9	139.9	13.28	18.17	2.17	59.37	13.25	32.78	12.58	255.27	33.04	3.94	107.97	
10/08/2024 22:40	18.44	7.11	140.89	13.29	17.63	1.56	55.93	13.26	33.67	12.99	257.31	32.06	2.85	101.7	
10/08/2024 22:45	18.17	6.73	137.42	13.28	18.27	1.92	55.91	13.25	33.13	12.28	250.62	33.21	3.48	101.63	
10/08/2024 22:50	18	6.84	140.21	13.28	18.32	2.09	61.44	13.25	32.82	12.47	255.67	33.31	3.8	111.72	
10/08/2024 22:55	18.2	6.97	140.28	13.28	17.17	1.22	56.12	13.25	33.2	12.72	255.88	31.19	2.22	101.91	
10/08/2024 23:00	18.16	6.68	136.46	13.28	17.81	2.11	56.63	13.26	33.11	12.18	248.78	32.4	3.84	103.01	
10/08/2024 23:05	17.92	6.88	139.58	13.28	17.9	2.5	59.61	13.26	32.7	12.56	254.66	32.58	4.56	108.52	
10/08/2024 23:10	17.8	6.86	139.19	13.28	17.56	1.34	55.87	13.25	32.48	12.52	253.99	31.92	2.43	101.53	
10/08/2024 23:15	17.84	6.67	136.68	13.28	17.93	1.6	55.71	13.25	32.53	12.17	249.23	32.59	2.91	101.25	
10/08/2024 23:20	18.04	7.02	140.27	13.28	17.96	1.82	59.06	13.25	32.92	12.82	255.97	32.64	3.31	107.38	
10/08/2024 23:25	18.25	7	140.69	13.28	17.67	1.33	56.19	13.25	33.31	12.78	256.78	32.1	2.42	102.07	
10/08/2024 23:30	18.01	6.58	137.19	13.27	17.88	1.57	56.65	13.24	32.81	11.99	249.99	32.46	2.86	102.84	
10/08/2024 23:35	18.15	6.97	139.65	13.28	17.73	1.76	60.47	13.24	33.1	12.71	254.76	32.2	3.2	109.83	
10/08/2024 23:40	18.42	7	139.3	13.29	17.53	1.44	56.37	13.25	33.64	12.79	254.4	31.87	2.63	102.48	
10/08/2024 23:45	18.01	6.61	136.73	13.28	17.98	1.89	56.37	13.25	32.84	12.06	249.32	32.69	3.44	102.48	
10/08/2024 23:50	17.94	6.85	139.76	13.27	18.09	2.11	59.09	13.26	32.71	12.48	254.74	32.89	3.84	107.45	
10/08/2024 23:55	17.8	6.99	139.61	13.28	17.56	1.53	55.41	13.25	32.46	12.74	254.61	31.89	2.77	100.67	
11/08/2024 00:00	17.92	6.64	136.22	13.28	17.63	1.68	55.69	13.25	32.67	12.11	248.35	32.04	3.06	101.2	
11/08/2024 00:05	17.81	6.88	140.18	13.28	17.67	2.06	60.73	13.25	32.5	12.55	255.8	32.13	3.74	110.44	
11/08/2024 00:10	18.06	7.1	141.11	13.29	17.36	1.37	56.38	13.25	32.97	12.96	257.61	31.55	2.49	102.48	
11/08/2024 00:15	18.01	6.88	137.83	13.28	17.77	1.86	56.62	13.25	32.87	12.55	251.55	32.31	3.38	102.93	
11/08/2024 00:20	17.93	7.2	141.36	13.29	17.95	2.43	61.05	13.26	32.77	13.15	258.28	32.67	4.43	111.12	
11/08/2024 00:25	18.03	7.33	142.13	13.3	17.75	1.64	56.88	13.26	32.96	13.4	259.83	32.3	2.99	103.52	
11/08/2024 00:30	18	6.82	136.65	13.28	18.15	1.7	57.38	13.26	32.85	12.44	249.41	33.01	3.1	104.37	
11/08/2024 00:35	17.83	6.94	140.51	13.29	18.11	1.98	63	13.26	32.56	12.67	256.55	32.96	3.6	114.67	
11/08/2024 00:40	18.36	7.16	141	13.29	17.88	1.81	56.13	13.26	33.53	13.08	257.51	32.53	3.3	102.13	
11/08/2024 00:45	18.22	6.93	137.2	13.28	18.3	2.06	57.34	13.26	33.24	12.65	250.35	33.29	3.75	104.32	
11/08/2024 00:50	17.97	7.16	143.5	13.28	18.48	2.45	60.89	13.26	32.79	13.07	261.89	33.64	4.45	110.83	
11/08/2024 00:55	18.81	7.5	143.63	13.29	17.63	1.52	56.23	13.25	34.35	13.7	262.25	32.05	2.76	102.2	
11/08/2024 01:00	18.32	7	139.63	13.28	18.36	1.92	56.45	13.26	33.43	12.78	254.77	33.4	3.48	102.67	
11/08/2024 01:05	18.03	7.05	141.61	13.29	18.5	2.14	59.69	13.26	32.93	12.87	258.59	33.66	3.9	108.6	
11/08/2024 01:10	18.19	7.03	142.11	13.29	17.67	1.56	56.64	13.26	33.22	12.85	259.59	32.13	2.83	102.99	
11/08/2024 01:15	18.32	6.87	139.33	13.28	18.31	1.96	55.22	13.25	33.41	12.53	254.17	33.27	3.55	100.35	
11/08/2024 01:20	17.76	7.1	142.63	13.29	18.34	2.17	57.97	13.25	32.42	12.97	260.38	33.33	3.94	105.39	
11/08/2024 01:25	15.86	6.55	141.13	13.29	17.47	1.34	55.25	13.25	28.96	11.96	257.74	31.75	2.44	100.42	
11/08/2024 01:30	17.46	6.78	138.69	13.28	16.91	1.9	55.43	13.25	31.85	12.36	252.99	30.74	3.45	100.77	
11/08/2024 01:35	18.15	7.37	143.04	13.29	16.22	2.14	58.65	13.26	33.14	13.45	261.12	29.49	3.9	106.69	
11/08/2024 01:40	18.28	7.6	143.78	13.29	18.21	1.88	56.36	13.26	33.39	13.88	262.64	33.13	3.42	102.54	
11/08/2024 01:45	17.92	6.99	139.89	13.28	18.49	2.11	56.29	13.26	32.7	12.76	255.29	33.65	3.83	102.42	
11/08/2024 01:50	17.89	7.17	143.33	13.29	18.38	2.35	59.38	13.26	32.67	13.09	261.71	33.46	4.27	108.1	
11/08/2024 01:55	18.13	7.3	144.06	13.29	18.2	1.78	56.52	13.26	33.12	13.34	263.21	33.11	3.25	102.85	
11/08/2024 02:00	18.17	7.05	138.15	13.29	18.28	2.29	57.48	13.26	33.17	12.87	252.25	33.27	4.17	104.65	
11/08/2024 02:05	18.07	7.3	144.25	13.29	18.41	2.57	63.51	13.27	33.02	13.34	263.59	33.51	4.68	115.66	
11/08/2024 02:10	18.22	7.33	143.88	13.3	18.07	1.75	56.94	13.26	33.31	13.41	263.09	32.89	3.18	103.65	
11/08/2024 02:15	18.23	7.08	140.56	13.29	17.78	2	56.26	13.27	33.3	12.93	256.79	32.38	3.63	102.42	
11/08/2024 02:20	17.98	7.38	144.2	13.3	17.91	2.28	62.01	13.27	32.88	13.49	263.68	32.63	4.16	112.97	
11/08/2024 02:25	17.81	7.11	144.05	13.3	17.91	1.76	56.52	13.27	32.6	13.02	263.62	32.62	3.21	102.92	
11/08/2024 02:30	17.87	6.96	139.15	13.29	18.32	2.01	56.99	13.26	32.64	12.72	254.17	33.34	3.66	103.7	
11/08/2024 02:35	18.18	7.43	143.85	13.29	18.6	2.41	61.59	13.26	33.23	13.57	262.92	33.86	4.4	112.15	
11/08/2024 02:40	20.19	7.46	143.39	13.3	18.43	1.81	56.22	13.26	36.91	13.64	262.2	33.54	3.3	102.32	
11/08/2024 02:45	18.81	7.08	140.95	13.29	18.37	2.02	56.6	13.26	34.34	12.92	257.4	33.42	3.68	102.94	
11/08/2024 02:50	18.13	7.36	143.95	13.29	18.42	2.25	59.19	13.26	33.11	13.44	262.88	33.51	4.09	107.68	
11/08/2024 02:55	18.33	7.52	144.36	13.3	17.93	1.79	56.34	13.26	33.5	13.74	263.86	32.64	3.26	102.56	
11/08/2024 03:00	18.32	7.18	141.21	13.29	18.59	2.35	58.08	13.27	33.47	13.11	257.89	33.87	4.28	105.83	
11/08/2024 03:05	18.03	7.33	143.82	13.29	18.78	2.64	60.97	13.27	32.94	13.4	262.78	34.22	4.81	111.11	
11/08/2024 03:10	18.34	7.44	143.17	13.29	17.88	1.71	56.35	13.26	33.52	13.6	261.58	32.53	3.11	102.55	
11/08/2024 03:15	18.24	7.12	140.36	13.29	17.97										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
11/08/2024 04:45	18.35	7.05	139.6	13.3	18.06	1.99	56.88	13.27	33.54	12.88	255.2	32.88	3.63	103.58	
11/08/2024 04:50	17.75	7.52	144.61	13.3	17.96	2.27	60.6	13.27	32.49	13.77	264.66	32.72	4.14	110.44	
11/08/2024 04:55	18.66	7.61	144.64	13.31	18	1.89	56.34	13.27	34.15	13.94	264.76	32.8	3.45	102.68	
11/08/2024 05:00	18.29	7.19	141.98	13.29	18.34	1.82	56.01	13.26	33.42	13.15	259.48	33.39	3.31	101.96	
11/08/2024 05:05	18.02	7.48	145.83	13.3	18.39	2.15	59.98	13.27	32.94	13.68	266.6	33.48	3.91	109.27	
11/08/2024 05:10	17	7.36	146.47	13.31	17.92	1.87	57.36	13.27	31.12	13.48	268.1	32.66	3.41	104.52	
11/08/2024 05:15	17.71	7.13	142.57	13.3	18.29	2.16	56.33	13.27	32.37	13.03	260.69	33.34	3.94	102.66	
11/08/2024 05:20	17.76	7.51	146.14	13.3	18.17	2.41	59.7	13.27	32.47	13.72	267.12	33.12	4.4	108.85	
11/08/2024 05:25	16.3	7.72	147	13.3	18.2	1.88	56.81	13.26	29.8	14.12	268.8	33.13	3.41	103.41	
11/08/2024 05:30	17.82	7.25	140.89	13.29	18.3	2.35	57.49	13.27	32.55	13.24	257.43	33.33	4.28	104.7	
11/08/2024 05:35	18.74	7.59	146.07	13.3	18.77	2.8	61.65	13.27	34.25	13.88	267.02	34.19	5.11	112.35	
11/08/2024 05:40	19.22	7.64	145.97	13.3	18.27	1.71	55.87	13.26	35.14	13.98	266.86	33.25	3.11	101.66	
11/08/2024 05:45	18.54	7.22	142	13.29	18.37	2.03	56.14	13.26	33.86	13.18	259.4	33.43	3.7	102.17	
11/08/2024 05:50	18.13	7.61	145.67	13.3	18.42	2.41	60.47	13.26	33.16	13.92	266.36	33.53	4.4	110.12	
11/08/2024 05:55	18.19	7.69	146.19	13.3	18.16	1.91	57.79	13.27	33.28	14.07	267.48	33.08	3.47	105.25	
11/08/2024 06:00	18.12	7.29	141.92	13.29	17.96	1.81	57.15	13.26	33.12	13.32	259.35	32.68	3.3	103.99	
11/08/2024 06:05	18.21	7.51	144.58	13.3	17.99	2.12	59.89	13.26	33.3	13.73	264.39	32.76	3.85	109.05	
11/08/2024 06:10	18.19	7.66	144.53	13.3	17.51	1.53	55.84	13.27	33.28	14.02	264.5	31.91	2.79	101.75	
11/08/2024 06:15	18.14	7.09	140.14	13.3	18.72	2.23	55.73	13.27	33.17	12.96	256.2	34.12	4.07	101.58	
11/08/2024 06:20	17.69	7.22	144.15	13.3	18.81	2.55	58.78	13.28	32.34	13.21	263.58	34.3	4.64	107.18	
11/08/2024 06:25	19.11	7.3	143.98	13.3	17.82	1.74	56.24	13.27	34.94	13.35	263.23	32.46	3.17	102.42	
11/08/2024 06:30	18.49	7.02	140.19	13.29	18.38	2.26	56.36	13.27	33.78	12.82	256.14	33.5	4.11	102.7	
11/08/2024 06:35	18.14	7.22	143.38	13.3	18.16	2.37	59.37	13.27	33.16	13.19	262.08	33.09	4.32	108.2	
11/08/2024 06:40	17.94	7.03	142.78	13.3	17.86	1.62	55.86	13.26	32.79	12.86	261.03	32.5	2.94	101.67	
11/08/2024 06:45	18.13	7.01	142.68	13.29	18.28	2.25	57.48	13.27	33.12	12.82	260.74	33.29	4.1	104.68	
11/08/2024 06:50	18.1	7.45	144.42	13.3	18.34	2.69	63.23	13.27	33.1	13.62	264.1	33.41	4.91	115.26	
11/08/2024 06:55	17.66	7.41	144.03	13.3	17.99	1.67	56.37	13.26	32.29	13.55	263.43	32.75	3.04	102.61	
11/08/2024 07:00	17.93	6.94	139.34	13.29	18.07	1.86	55.55	13.26	32.74	12.68	254.46	32.87	3.39	101.04	
11/08/2024 07:05	18.77	7.54	144.32	13.3	18.12	2.17	58.44	13.26	34.32	13.78	263.96	32.97	3.94	106.37	
11/08/2024 07:10	19.39	7.86	145.14	13.3	17.93	1.81	55.73	13.28	35.49	14.39	265.62	32.69	3.31	101.6	
11/08/2024 07:15	18.73	7.12	139.69	13.3	18.68	2.05	55.93	13.27	34.23	13.02	255.37	34.04	3.74	101.9	
11/08/2024 07:20	18.17	7.21	143.33	13.3	18.94	2.42	59.26	13.27	33.22	13.19	262.06	34.52	4.41	108.03	
11/08/2024 07:25	18.28	7.3	143.42	13.3	18.36	1.96	56.19	13.27	33.44	13.36	262.37	33.46	3.57	102.4	
11/08/2024 07:30	18.32	6.99	142.15	13.29	18.78	2.2	56.31	13.27	33.48	12.78	259.74	34.22	4	102.58	
11/08/2024 07:35	18.19	7.26	144.57	13.29	18.89	2.46	59.54	13.27	33.24	13.26	264.14	34.41	4.48	108.49	
11/08/2024 07:40	18.13	7.3	144.16	13.29	18.02	1.75	55.38	13.26	33.11	13.34	263.33	32.8	3.18	100.77	
11/08/2024 07:45	18.23	7.09	140.94	13.29	18.73	2.22	55.78	13.27	33.3	12.95	257.47	34.1	4.05	101.57	
11/08/2024 07:50	18.33	7.23	143.37	13.3	18.57	2.38	59.32	13.27	33.5	13.22	262.06	33.83	4.34	108.06	
11/08/2024 07:55	18.39	7.16	143.44	13.3	18.18	1.64	55.57	13.26	33.63	13.09	262.29	33.08	2.98	101.12	
11/08/2024 08:00	18.41	6.96	140.49	13.29	18.56	2.05	55.24	13.26	33.62	12.71	256.59	33.76	3.73	100.49	
11/08/2024 08:05	18.34	7.2	143.58	13.29	18.46	2.3	58.34	13.26	33.51	13.15	262.24	33.59	4.19	106.16	
11/08/2024 08:10	18.52	7.03	143.19	13.29	18.22	1.57	55.54	13.25	33.81	12.85	261.45	33.12	2.85	100.95	
11/08/2024 08:15	18.51	6.84	139.64	13.28	17.98	1.92	55.84	13.25	33.76	12.48	254.75	32.68	3.49	101.47	
11/08/2024 08:20	18.23	7.35	144.08	13.29	18.06	2.48	60.51	13.26	33.31	13.42	263.27	32.84	4.51	110.09	
11/08/2024 08:25	18.13	7.22	143.2	13.3	17.9	1.54	55.9	13.26	33.14	13.2	261.8	32.59	2.81	101.76	
11/08/2024 08:30	18.33	6.85	139.75	13.28	18.74	1.92	55.79	13.26	33.45	12.51	255.07	34.1	3.49	101.52	
11/08/2024 08:35	17.93	7.02	142.77	13.28	18.69	2.23	59.38	13.26	32.72	12.81	260.52	34.02	4.07	108.1	
11/08/2024 08:40	17.09	7.13	142.28	13.29	18.04	1.6	55.52	13.25	31.22	13.02	259.85	32.8	2.9	100.92	
11/08/2024 08:45	17.92	6.86	140.31	13.28	17.75	1.71	55.8	13.26	32.68	12.52	255.92	32.27	3.1	101.46	
11/08/2024 08:50	19.13	7.21	144.45	13.27	18.05	1.92	59.18	13.26	34.86	13.14	263.23	32.82	3.49	107.65	
11/08/2024 08:55	20.34	7.55	144.98	13.27	18.15	1.57	56.03	13.24	37.07	13.76	264.19	32.95	2.86	101.73	
11/08/2024 09:00	19.19	7.04	140.7	13.27	18.81	2.18	56.76	13.25	34.96	12.83	256.29	34.19	3.96	103.13	
11/08/2024 09:05	18.17	7.1	144	13.28	18.86	2.41	58.61	13.25	33.13	12.96	262.6	34.27	4.39	106.55	
11/08/2024 09:10	18.19	7.19	143.95	13.28	18.42	1.57	55.37	13.24	33.18	13.12	262.63	33.43	2.86	100.5	
11/08/2024 09:15	18.23	6.84	139.78	13.27	18.3	1.71	55.61	13.24	33.2	12.45	254.63	33.22	3.11	100.94	
11/08/2024 09:20	18.18	7.16	143.14	13.28	18.26	1.93	58.37	13.24	33.14	13.06	260.98	33.16	3.52	106.02	
11/08/2024 09:25	18.42	7.25	144.05	13.28	18.17	1.57	56.34	13.25	33.6	13.23	262.75	33	2.86	102.32	
11/08/2024 09:30	18.35	6.8	140.14	13.26	18.31	1.55	55.66	13.24	33.4	12.38	255.12	33.21	2.82	100.94	
11/08/2024 09:35	18.2	7.02	142.8	13.26	18.32	1.99	60.66	13.24	33.12	12.77	259.79	33.23	3.62	110.05	
11/08/2024 09:40	18.44	7.22	142.83	13.26	18.38	1.63	56.41	13.23	33.54	13.14	259.84	33.32	2.96	102.27	
11/08/2024 09:45	18.46	6.83	138.89	13.26	18.92	2.15	57.09	13.24	33.57	12.42	252.58	34.31	3.9	103.56	
11/08/2024 09:50	18.22	6.92	142.01	13.26	18.93	2.42	62.48	13.24	33.14	12.58	258.28	34.35	4.4	113.35	
11/08/2024 09:55	17.66	6.83	141.36	13.26	18.14	1.14	54.43	13.21	32.11	12.43	257.11	32.81	2.07	98.44	
11/08/2024 10:00	18.03	6.49	137.27	13.24	18.51	1.4	54.96	13.21	32.73	11.79	249.16	33.47	2.52	99.35	
11/08/2024 10:05	18.17	6.64	138.48	13.24	18.46	1.58	57.58	13.21	32.95	12.04	251.19	33.38	2.86	104.11	
11/08/2024 10:10	18.36	6.52	137.06	13.24	18.42	1.55	54.46	13.22	33.3	11.83	248.64	33.32	2.81	98.51	
11/08/2024 10:15	18.44	6.39	132.27	13.23	18.68	1.63	54.5	13.21	33.42	11.59	239.66	33.76	2.95	98.48	
11/08/2024 10:20	18.33	6.35	137.33	13.22	18.84	2.09	59	13.21	33.18	11.49	248.63	34.04	3.78	106.63	
11/08/2024 10:25	18.09	6.33	137.7	13.22	18.08	1.25	54.17	13.19	32.75	11.46	249.24	32.59	2.25	97.63	
11/08/2024 10:30	18.12	6.31	134.22	13.21	18.66	1.64	55.96	13.19	32.76	11.4	242.61	33.63	2.95	100.85	
11/08/2024 10:35	18.26	6.81	139.74	13.22	18.93	1.99	59.12	13.19	33.04	12.32	252.86	34.12	3.58	106.58	
11/08/2024 10:40	18.89	7.08	139.97	13.22	18.19	1.42	55.55</								



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
11/08/2024 12:10	18.5	6.53	140.63	13.18	18.32	1.36	54.84	13.16	33.31	11.77	253.19	32.89	2.44	98.49	
11/08/2024 12:15	18.69	6.44	136.56	13.18	18.58	1.49	54.69	13.16	33.65	11.6	245.94	33.36	2.67	98.22	
11/08/2024 12:20	18.33	6.36	138.77	13.19	18.73	1.73	58.42	13.16	33.03	11.46	250.14	33.65	3.1	104.95	
11/08/2024 12:25	18.75	6.46	138.06	13.19	18.58	1.29	54.58	13.16	33.79	11.64	248.83	33.37	2.33	98.01	
11/08/2024 12:30	18.62	6.13	134	13.17	18.43	1.15	54.43	13.15	33.51	11.03	241.12	33.03	2.06	97.56	
11/08/2024 12:35	18.42	6.25	137.62	13.17	18.49	1.39	57.53	13.15	33.12	11.25	247.51	33.14	2.49	103.13	
11/08/2024 12:40	18.55	6.25	136.44	13.17	18.87	1.49	54.23	13.14	33.35	11.24	245.3	33.8	2.67	97.16	
11/08/2024 12:45	18.48	6.08	134.59	13.16	18.78	1.38	55.2	13.13	33.19	10.92	241.7	33.62	2.47	98.8	
11/08/2024 12:50	18.41	6.32	139.33	13.16	18.79	1.68	59.38	13.14	33.06	11.35	250.21	33.64	3.01	106.33	
11/08/2024 12:55	18.41	6.38	140.36	13.16	19.02	1.32	53.45	13.13	33.07	11.46	252.15	34.02	2.36	95.62	
11/08/2024 13:00	18.46	5.89	135.85	13.15	18.58	1.01	53.59	13.12	33.11	10.57	243.71	33.21	1.81	95.81	
11/08/2024 13:05	18.34	5.83	137.02	13.15	18.46	1.12	58.95	13.13	32.89	10.46	245.77	33.01	2.01	105.4	
11/08/2024 13:10	17.97	5.58	135.56	13.15	18.38	0.93	54.35	13.13	32.23	10.01	243.19	32.88	1.67	97.2	
11/08/2024 13:15	18.23	5.71	131.91	13.15	17.82	0.81	53.86	13.12	32.67	10.24	236.43	31.83	1.45	96.19	
11/08/2024 13:20	18.29	6.03	136.96	13.15	17.83	1.06	56.69	13.12	32.82	10.81	245.68	31.85	1.9	101.3	
11/08/2024 13:25	18.36	6.13	137.66	13.15	18.7	1.18	53.1	13.13	32.94	11	246.99	33.44	2.11	94.93	
11/08/2024 13:30	18.43	5.88	133.74	13.14	18.53	0.98	52.7	13.12	33.03	10.55	239.72	33.11	1.74	94.15	
11/08/2024 13:35	18.48	6.01	135.87	13.15	18.57	1.2	56.19	13.12	33.13	10.78	243.55	33.18	2.15	100.43	
11/08/2024 13:40	18.5	6.05	136.48	13.15	19.08	1.37	52.65	13.12	33.17	10.85	244.69	34.09	2.44	94.04	
11/08/2024 13:45	18.51	5.73	133.09	13.13	18.62	1.21	54.06	13.11	33.12	10.26	238.21	33.23	2.16	96.49	
11/08/2024 13:50	18.39	5.77	135.55	13.13	18.59	1.42	58.19	13.11	32.9	10.32	242.53	33.19	2.53	103.88	
11/08/2024 13:55	18.45	5.55	135.11	13.13	18.25	0.59	52.77	13.1	33	9.93	241.64	32.54	1.06	94.08	
11/08/2024 14:00	18.37	5.62	131.39	13.13	17.82	0.54	54.62	13.1	32.86	10.05	235.01	31.78	0.97	97.4	
11/08/2024 14:05	18.36	6.04	135.78	13.15	18.02	0.91	57.7	13.11	32.94	10.84	243.54	32.16	1.63	102.98	
11/08/2024 14:10	18.7	6.19	135.28	13.15	18.42	1.1	52.57	13.13	33.57	11.11	242.78	32.97	1.97	94.09	
11/08/2024 14:15	18.74	6.08	132.81	13.15	18.45	1.07	53.68	13.13	33.63	10.92	238.37	33.02	1.92	96.07	
11/08/2024 14:20	18.46	6.01	135.5	13.16	18.45	1.31	57.09	13.14	33.14	10.79	243.3	33.02	2.35	102.23	
11/08/2024 14:25	18.48	6.19	136.63	13.16	18.87	1.25	52.11	13.13	33.19	11.12	245.34	33.76	2.23	93.21	
11/08/2024 14:30	18.42	5.81	133.87	13.15	18.53	0.87	52.8	13.12	33.03	10.42	240.01	33.1	1.55	94.31	
11/08/2024 14:35	18.12	5.93	136.58	13.14	18.46	0.97	53.82	13.12	32.48	10.62	244.75	32.97	1.73	96.13	
11/08/2024 14:40	18.36	6.17	137.58	13.15	17.85	1.12	55.67	13.13	32.94	11.08	246.85	31.91	2.01	99.54	
11/08/2024 14:45	18.4	6.2	135.51	13.15	17.87	1.14	54.99	13.13	33.01	11.13	243.15	31.96	2.03	98.34	
11/08/2024 14:50	18.05	6.25	136.99	13.16	18.01	1.37	57.59	13.13	32.41	11.23	245.99	32.21	2.46	103.05	
11/08/2024 14:55	18.08	6.43	137.52	13.16	18.08	1.34	56.14	13.13	32.48	11.54	247.04	32.34	2.39	100.44	
11/08/2024 15:00	18.04	6.04	134.33	13.15	17.53	0.78	55.95	13.12	32.34	10.83	240.87	31.3	1.39	99.9	
11/08/2024 15:05	17.8	6.12	137.07	13.15	17.65	1.06	58.98	13.12	31.91	10.97	245.78	31.53	1.9	105.36	
11/08/2024 15:10	17.92	6.32	136.84	13.15	17.43	1.16	57.07	13.13	32.16	11.33	245.58	31.19	2.07	102.14	
11/08/2024 15:15	18.19	6.19	132.06	13.16	17.67	1.35	56.15	13.14	32.67	11.11	237.12	31.64	2.41	100.53	
11/08/2024 15:20	18.05	6.33	137.13	13.17	17.83	1.56	58.56	13.14	32.45	11.38	246.53	31.93	2.8	104.89	
11/08/2024 15:25	18.19	6.43	136.8	13.17	17.68	1.1	56.1	13.14	32.7	11.55	245.95	31.67	1.98	100.5	
11/08/2024 15:30	18.16	5.96	130.92	13.16	17.23	0.96	56.93	13.13	32.6	10.7	235.06	30.83	1.71	101.86	
11/08/2024 15:35	17.88	6.29	136.72	13.17	17.32	1.27	60.14	13.13	32.14	11.31	245.74	31.01	2.27	107.65	
11/08/2024 15:40	18.22	6.61	138.17	13.17	17.65	1.26	56.36	13.15	32.78	11.9	248.57	31.64	2.26	101.04	
11/08/2024 15:45	18.28	6.36	135	13.17	17.86	1.31	57.04	13.15	32.87	11.44	242.74	32.02	2.34	102.26	
11/08/2024 15:50	17.86	6.19	137.57	13.17	17.92	1.55	60.2	13.15	32.1	11.13	247.35	32.13	2.77	107.96	
11/08/2024 15:55	17.83	6.43	137.88	13.17	17.32	1.04	55.65	13.14	32.05	11.55	247.89	31.02	1.86	99.69	
11/08/2024 16:00	18.09	6.37	135.75	13.17	17.65	1.36	56.53	13.15	32.53	11.45	244.11	31.64	2.43	101.34	
11/08/2024 16:05	17.92	6.45	137.33	13.18	17.71	1.66	60.03	13.15	32.27	11.62	247.32	31.75	2.97	107.68	
11/08/2024 16:10	17.53	6.36	136	13.18	17.52	1.2	56.8	13.15	31.58	11.46	245.01	31.45	2.15	101.93	
11/08/2024 16:15	17.88	6.19	133.98	13.17	17.29	1.14	56.59	13.15	32.17	11.14	241.09	31	2.05	101.46	
11/08/2024 16:20	17.86	6.51	138.92	13.18	17.29	1.54	61.07	13.15	32.17	11.72	250.15	31.03	2.77	109.59	
11/08/2024 16:25	18.09	6.75	138.53	13.18	17.63	1.3	56.78	13.16	32.6	12.17	249.57	31.64	2.33	101.93	
11/08/2024 16:30	18.26	6.42	135.23	13.18	17.72	1.54	57.48	13.16	32.87	11.57	243.5	31.81	2.76	103.21	
11/08/2024 16:35	18.08	6.33	138.08	13.18	17.75	1.84	61.2	13.16	32.56	11.41	248.68	31.88	3.31	109.93	
11/08/2024 16:40	18.55	6.5	138.67	13.19	17.25	1.05	56.84	13.15	33.42	11.72	249.87	30.96	1.89	102	
11/08/2024 16:45	18.34	6.28	134.9	13.18	17.53	1.36	56.04	13.16	33.03	11.32	243.02	31.46	2.44	100.59	
11/08/2024 16:50	18.08	6.7	139.02	13.2	17.66	1.63	58.62	13.16	32.62	12.09	250.88	31.72	2.93	105.29	
11/08/2024 16:55	18.34	6.8	139.98	13.2	17.55	1.14	56.07	13.17	33.13	12.28	252.85	31.55	2.06	100.78	
11/08/2024 17:00	18.16	6.11	132.47	13.16	17.62	1.26	57.16	13.16	32.63	10.98	238.04	31.63	2.27	102.62	
11/08/2024 17:05	17.82	5.76	135.09	13.14	17.68	1.53	60.29	13.16	31.91	10.32	241.92	31.74	2.75	108.24	
11/08/2024 17:10	18.14	6.07	136.11	13.14	17.51	1.29	56.47	13.16	32.51	10.87	243.92	31.45	2.31	101.41	
11/08/2024 17:15	18.17	5.95	131.96	13.14	17.74	1.67	57.65	13.17	32.56	10.66	236.5	31.89	3.01	103.61	
11/08/2024 17:20	18.08	5.92	135.3	13.16	17.84	1.95	61.56	13.17	32.48	10.63	242.97	32.07	3.51	110.65	
11/08/2024 17:25	18.42	6.02	136.89	13.17	17.67	1.2	56.7	13.17	33.11	10.82	246.07	31.78	2.17	101.96	
11/08/2024 17:30	18.34	6.15	134.95	13.18	17.87	1.17	52.53	13.15	32.99	11.06	242.86	32.04	2.09	94.16	
11/08/2024 17:35	17.91	6.64	139.36	13.2	18.06	1.4	54.11	13.14	32.32	11.98	251.49	32.35	2.51	96.98	
11/08/2024 17:40	18.3	6.71	139.66	13.2	17.75	0.87	49.13	13.13	33.03	12.11	252.11	31.77	1.55	87.92	
11/08/2024 17:45	18.2	6.35	135.63	13.19	17.79	0.98	49.52	13.13	32.8	11.44	244.42	31.82	1.76	88.56	
11/08/2024 17:50	17.96	6.61	138.72	13.19	17.81	1.32	53.57	13.13	32.38	11.91	250.14	31.86	2.37	95.91	
11/08/2024 17:55	18.33	6.83	138.28	13.2	17.63	1	49.42	13.14	33.07	12.33	249.52	31.56	1.79	88.5	
11/08/2024 18:00	18.24	6.39	135.32	13.19	18.36	1.28	54.63	13.16	32.87	11.53	243.92	32.97	2.3	98.13	
11/08/2024 18:05	17.96	6.48	138.48	13.19	18.24	1.45	58.02	13.16	32.37	11.68	249.64	32.77	2.6	104.25	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
11/08/2024 19:35	18.23	6.79	138.87	13.22	17.25	1.71	56.15	13.19	33.01	12.29	251.41	31.1	3.09	101.27	
11/08/2024 19:40	18.47	6.89	137.94	13.23	17.84	1.48	54.04	13.2	33.46	12.49	249.87	32.2	2.67	97.57	
11/08/2024 19:45	18.56	6.54	136.03	13.22	18	1.45	53.72	13.2	33.6	11.83	246.23	32.49	2.63	96.94	
11/08/2024 19:50	18.01	6.56	138.01	13.22	17.85	1.51	56.5	13.2	32.61	11.88	249.89	32.2	2.72	101.96	
11/08/2024 19:55	18.16	6.77	137.7	13.23	17.66	1.39	54.01	13.2	32.9	12.26	249.49	31.87	2.51	97.44	
11/08/2024 20:00	18.17	6.49	136.47	13.22	17.46	1.46	53.94	13.19	32.89	11.75	246.99	31.47	2.64	97.25	
11/08/2024 20:05	18.06	6.63	138.71	13.22	17.5	1.81	57.63	13.19	32.7	12	251.14	31.56	3.26	103.97	
11/08/2024 20:10	18.83	6.8	137.58	13.23	17.7	1.48	53.26	13.2	34.1	12.32	249.16	31.94	2.67	96.1	
11/08/2024 20:15	18.41	6.55	133.08	13.22	18.07	1.56	53.55	13.2	33.33	11.86	241.01	32.61	2.81	96.67	
11/08/2024 20:20	18.14	6.8	137.74	13.23	18.25	1.87	56.69	13.2	32.9	12.32	249.73	32.96	3.39	102.4	
11/08/2024 20:25	18.05	7	137.8	13.23	17.66	1.32	54.52	13.2	32.72	12.7	249.87	31.89	2.38	98.42	
11/08/2024 20:30	18.02	6.47	135	13.22	17.67	1.29	53.08	13.19	32.62	11.72	244.41	31.87	2.32	95.71	
11/08/2024 20:35	18.05	6.77	138.06	13.23	17.54	1.48	58.24	13.19	32.68	12.26	250.06	31.63	2.68	105.06	
11/08/2024 20:40	18.16	6.94	138.67	13.23	17.62	1.44	54.02	13.2	32.9	12.58	251.3	31.81	2.6	97.5	
11/08/2024 20:45	18.12	6.54	135.78	13.22	18.23	1.76	54.62	13.2	32.81	11.84	245.85	32.92	3.19	98.64	
11/08/2024 20:50	17.89	6.63	137.91	13.23	18.26	1.85	57.14	13.2	32.4	12.01	249.78	32.98	3.34	103.21	
11/08/2024 20:55	18.25	6.83	139.3	13.23	17.63	1.48	53.99	13.2	33.07	12.38	252.38	31.82	2.67	97.43	
11/08/2024 21:00	18.23	6.63	135.87	13.23	17.78	1.81	54.28	13.2	33.02	12	246.08	32.11	3.27	98.01	
11/08/2024 21:05	18.07	6.72	138.53	13.23	17.96	2.09	57.13	13.2	32.73	12.17	250.92	32.44	3.77	103.19	
11/08/2024 21:10	18.25	6.71	137.88	13.23	17.47	1.35	54.01	13.19	33.06	12.15	249.75	31.51	2.43	97.42	
11/08/2024 21:15	18.14	6.52	134.97	13.22	18.14	2.1	54.08	13.2	32.83	11.8	244.29	32.73	3.79	97.56	
11/08/2024 21:20	17.97	6.66	137.28	13.22	18.2	2.43	55.4	13.2	32.54	12.06	248.55	32.84	4.39	99.99	
11/08/2024 21:25	18.11	6.69	136.81	13.22	17.77	1.59	54.63	13.19	32.78	12.11	247.68	32.05	2.87	98.53	
11/08/2024 21:30	18.01	6.43	134.22	13.21	17.41	1.47	54.86	13.19	32.56	11.63	242.71	31.37	2.64	98.85	
11/08/2024 21:35	18.12	6.8	138.35	13.22	17.27	1.74	57.77	13.19	32.8	12.31	250.44	31.12	3.14	104.16	
11/08/2024 21:40	18.25	6.89	138.3	13.23	17.34	1.31	52.8	13.19	33.05	12.49	250.47	31.28	2.37	95.25	
11/08/2024 21:45	18.05	6.37	134.97	13.22	17.88	1.58	54.04	13.19	32.66	11.53	244.18	32.25	2.85	97.48	
11/08/2024 21:50	18.05	6.59	137.7	13.22	17.89	1.84	57.51	13.2	32.67	11.93	249.22	32.28	3.31	103.77	
11/08/2024 21:55	18.11	6.72	137.09	13.22	17.84	1.6	53.08	13.19	32.78	12.17	248.14	32.18	2.9	95.74	
11/08/2024 22:00	18.08	6.4	133.37	13.22	17.85	1.65	52.52	13.2	32.72	11.59	241.34	32.2	2.98	94.76	
11/08/2024 22:05	18.07	6.47	136.49	13.22	17.74	1.69	55.36	13.2	32.71	11.72	247.09	32.02	3.05	99.91	
11/08/2024 22:10	17.91	6.33	136.98	13.22	17.31	1.34	54.47	13.19	32.42	11.46	248.04	31.23	2.41	98.26	
11/08/2024 22:15	18.02	6.2	131.99	13.22	18.05	1.86	54.42	13.2	32.62	11.22	238.92	32.58	3.36	98.25	
11/08/2024 22:20	17.98	6.7	138.44	13.23	18.08	2.03	58.56	13.2	32.58	12.14	250.89	32.64	3.68	105.76	
11/08/2024 22:25	18.09	6.8	139.23	13.23	18.26	1.57	52.95	13.2	32.79	12.32	252.32	32.95	2.83	95.58	
11/08/2024 22:30	18.18	6.46	135.57	13.22	18.42	1.74	52.71	13.2	32.9	11.69	245.37	33.24	3.15	95.1	
11/08/2024 22:35	18.37	6.81	138.81	13.23	18.53	2.13	56.91	13.2	33.29	12.34	251.54	33.44	3.85	102.76	
11/08/2024 22:40	18.31	6.89	139.59	13.24	18.39	1.52	51.62	13.21	33.23	12.51	253.28	33.23	2.74	93.25	
11/08/2024 22:45	18.4	6.56	137.1	13.23	18.5	1.74	51.34	13.2	33.34	11.88	248.42	33.4	3.13	92.69	
11/08/2024 22:50	18.24	6.78	139.84	13.23	18.45	1.96	54.5	13.2	33.05	12.29	253.43	33.31	3.55	98.42	
11/08/2024 22:55	18.11	7.05	141.13	13.24	18.39	1.54	51.34	13.2	32.84	12.79	255.95	33.2	2.79	92.7	
11/08/2024 23:00	18.28	6.71	134.41	13.23	18.86	1.9	52.07	13.2	33.12	12.16	243.53	34.06	3.43	94.02	
11/08/2024 23:05	18.29	6.85	140.74	13.23	19.04	2.22	55.43	13.2	33.14	12.41	255.05	34.39	4.01	100.14	
11/08/2024 23:10	18.81	7.1	141.72	13.23	17.67	1.16	53.09	13.2	34.11	12.87	256.98	31.91	2.09	95.88	
11/08/2024 23:15	18.72	6.75	137.53	13.23	18.52	1.8	52.58	13.21	33.92	12.23	249.28	33.45	3.26	94.99	
11/08/2024 23:20	18.47	6.89	140.9	13.23	18.55	2.08	55.45	13.21	33.49	12.49	255.5	33.53	3.76	100.22	
11/08/2024 23:25	18.44	6.97	141.5	13.24	18.13	1.47	53.39	13.21	33.45	12.65	256.69	32.75	2.66	96.46	
11/08/2024 23:30	18.37	6.66	137.06	13.23	17.92	1.77	54.24	13.21	33.29	12.07	248.42	32.38	3.19	98.01	
11/08/2024 23:35	18.37	6.97	139.63	13.24	17.95	2.22	58.16	13.21	33.33	12.65	253.29	32.45	4.01	105.16	
11/08/2024 23:40	18.19	7.03	140.16	13.24	17.96	1.28	52.69	13.21	33.01	12.77	254.4	32.44	2.31	95.21	
11/08/2024 23:45	18.22	6.64	136.98	13.23	19.1	2.06	53.43	13.21	33.04	12.05	248.42	34.53	3.72	96.6	
11/08/2024 23:50	18.31	6.95	139.64	13.24	19.22	2.28	56.75	13.21	33.24	12.61	253.46	34.76	4.12	102.66	
11/08/2024 23:55	18.56	7.22	140.45	13.25	18	1.5	53.07	13.22	33.73	13.12	255.2	32.57	2.71	96.04	
12/08/2024 00:00	18.37	6.74	137.28	13.24	18.89	2.01	53.93	13.22	33.34	12.23	249.21	34.2	3.63	97.66	
12/08/2024 00:05	18.34	6.89	140.25	13.24	18.93	2.08	55.64	13.22	33.29	12.51	254.66	34.29	3.76	100.76	
12/08/2024 00:10	19.33	7.22	140.58	13.25	18	1.56	53.82	13.22	35.1	13.12	255.33	32.58	2.83	97.38	
12/08/2024 00:15	18.78	6.75	136.54	13.24	18.18	2.23	54.33	13.22	34.09	12.25	247.82	32.91	4.04	98.37	
12/08/2024 00:20	18.23	6.77	138.89	13.24	18.19	2.6	57.98	13.22	33.11	12.29	252.18	32.94	4.71	105	
12/08/2024 00:25	18.52	6.83	138.48	13.24	17.88	1.43	52.98	13.22	33.61	12.4	251.37	32.34	2.59	95.82	
12/08/2024 00:30	18.43	6.65	135.85	13.24	18.59	1.91	52.49	13.22	33.45	12.06	246.54	33.66	3.46	95.02	
12/08/2024 00:35	18.27	6.94	139.56	13.25	18.46	2.07	55.57	13.22	33.2	12.62	253.56	33.42	3.74	100.64	
12/08/2024 00:40	18.3	7	139	13.25	18.16	1.58	53.54	13.22	33.25	12.73	252.56	32.86	2.86	96.85	
12/08/2024 00:45	18.13	6.55	136	13.24	18.86	1.78	52.44	13.21	32.9	11.89	246.78	34.1	3.22	94.82	
12/08/2024 00:50	18.17	7.02	139.63	13.25	19.27	2.04	55.48	13.21	33	12.76	253.68	34.85	3.7	100.36	
12/08/2024 00:55	19.08	7.25	139.34	13.25	17.99	1.56	52.73	13.22	34.66	13.18	253.19	32.55	2.82	95.45	
12/08/2024 01:00	18.61	6.72	136.29	13.24	18.3	2.01	53.72	13.22	33.78	12.2	247.38	33.13	3.63	97.24	
12/08/2024 01:05	17.97	6.77	138.44	13.24	18.23	2.36	57.71	13.22	32.62	12.3	251.35	33.01	4.28	104.52	
12/08/2024 01:10	18.33	6.91	138.05	13.25	17.93	1.82	53.87	13.22	33.3	12.55	250.83	32.46	3.3	97.52	
12/08/2024 01:15	18.14	6.43	134.22	13.24	17.84	1.75	52.93	13.21	32.92	11.67	243.54	32.27	3.16	95.72	
12/08/2024 01:20	18.1	6.6	136.51	13.24	17.92	1.98	55.87	13.22	32.85	11.98	247.75	32.42	3.58	101.08	
12/08/2024 01:25	18.42	6.8	137.03	13.25	17.73	1.66	53.93	13.22	33.47	12.36	248.98	32.09	3.01	97.61	
12/08/2024 01:30	18.24	6.66	135.61	13.24	18.22	2.07	54.5	13.22	33.12	12.1	246.24	32.99	3.75	98.68	
12/08/2024 01:35	17.66	6.85	139.31	13.24	18.37										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12/08/2024 03:00	17.99	6.39	132.68	13.24	17.76	2.03	53.83	13.22	32.66	11.59	240.79	32.12	3.67	97.38	
12/08/2024 03:05	17.87	6.72	135.87	13.24	17.86	2.36	56.51	13.22	32.44	12.2	246.68	32.31	4.26	102.25	
12/08/2024 03:10	18.02	6.69	134.7	13.25	17.37	1.78	54.46	13.22	32.71	12.15	244.6	31.44	3.21	98.59	
12/08/2024 03:15	17.94	6.33	131.85	13.23	17.33	1.79	54.5	13.21	32.54	11.48	239.07	31.35	3.24	98.57	
12/08/2024 03:20	17.77	6.66	136.52	13.24	17.03	1.95	58.02	13.21	32.23	12.07	247.59	30.79	3.53	104.96	
12/08/2024 03:25	18.06	6.66	135.67	13.24	17.35	1.78	53.8	13.22	32.77	12.08	246.16	31.39	3.22	97.33	
12/08/2024 03:30	17.81	6.4	133.29	13.23	17.48	1.98	54.44	13.22	32.3	11.61	241.69	31.63	3.58	98.48	
12/08/2024 03:35	17.69	6.64	136.39	13.23	17.31	2.16	58.74	13.22	32.07	12.05	247.3	31.32	3.9	106.28	
12/08/2024 03:40	18.09	6.64	136	13.24	17.55	1.78	54.44	13.21	32.82	12.05	246.71	31.72	3.21	98.39	
12/08/2024 03:45	17.77	6.48	131.9	13.23	18.13	1.88	52.59	13.21	32.22	11.74	239.15	32.77	3.41	95.06	
12/08/2024 03:50	17.7	6.62	136.8	13.24	17.99	2.03	56.44	13.21	32.11	12.01	248.17	32.54	3.67	102.09	
12/08/2024 03:55	15.75	6.24	135.69	13.24	17.52	1.59	53.03	13.21	28.58	11.32	246.24	31.65	2.87	95.82	
12/08/2024 04:00	16.8	6.35	132.77	13.23	18.16	1.95	53.16	13.21	30.46	11.52	240.76	32.83	3.52	96.11	
12/08/2024 04:05	18.06	6.92	137.41	13.24	18.2	2.19	55.98	13.21	32.78	12.57	249.47	32.92	3.96	101.25	
12/08/2024 04:10	18.61	6.88	136.52	13.24	18.03	1.51	51.64	13.21	33.79	12.49	247.85	32.59	2.72	93.35	
12/08/2024 04:15	18.37	6.48	132.85	13.23	18.14	1.63	51.9	13.21	33.3	11.76	240.86	32.78	2.94	93.78	
12/08/2024 04:20	18.13	6.86	138.49	13.24	18.11	1.86	54.83	13.21	32.92	12.45	251.44	32.73	3.36	99.14	
12/08/2024 04:25	18.28	6.89	138.66	13.25	17.93	1.55	50.62	13.22	33.22	12.53	251.99	32.43	2.8	91.58	
12/08/2024 04:30	18.34	6.5	135.07	13.24	18.39	1.91	51.31	13.22	33.27	11.79	245.1	33.27	3.46	92.84	
12/08/2024 04:35	18.29	6.8	138.8	13.24	18.52	2.18	54.16	13.22	33.21	12.34	251.98	33.5	3.94	98.02	
12/08/2024 04:40	18.63	7.03	140.3	13.25	18.09	1.53	51.47	13.22	33.83	12.78	254.81	32.73	2.76	93.12	
12/08/2024 04:45	18.36	6.59	135.31	13.24	18.61	1.98	50.37	13.22	33.32	11.96	245.58	33.68	3.59	91.16	
12/08/2024 04:50	18.45	6.84	138.95	13.25	18.63	2.19	53.19	13.22	33.52	12.42	252.36	33.72	3.96	96.31	
12/08/2024 04:55	18.92	7	139.8	13.25	17.86	1.3	50.53	13.21	34.37	12.72	253.91	32.3	2.36	91.39	
12/08/2024 05:00	18.56	6.67	136.47	13.24	18.37	1.92	51.35	13.22	33.69	12.1	247.73	33.24	3.48	92.94	
12/08/2024 05:05	18.37	6.86	138.3	13.25	18.32	2.14	54.3	13.22	33.37	12.46	251.2	33.16	3.88	98.31	
12/08/2024 05:10	18.47	6.96	139.44	13.25	18.09	1.41	50.83	13.22	33.56	12.64	253.36	32.73	2.55	91.95	
12/08/2024 05:15	18.2	6.55	135.03	13.24	18.19	1.85	52.28	13.22	33.03	11.88	245.07	32.92	3.34	94.58	
12/08/2024 05:20	18.3	7.01	139.14	13.25	18.05	2.12	56.22	13.22	33.26	12.73	252.88	32.67	3.84	101.76	
12/08/2024 05:25	18.2	7.08	138.56	13.26	18.13	1.59	50.79	13.23	33.1	12.88	251.97	32.84	2.89	92	
12/08/2024 05:30	18.43	6.72	135.55	13.25	18.05	1.79	51.35	13.23	33.48	12.21	246.28	32.7	3.24	93.03	
12/08/2024 05:35	18.1	6.88	139.23	13.25	17.75	2	54.24	13.23	32.89	12.5	252.96	32.16	3.62	98.29	
12/08/2024 05:40	18.14	7.28	140.3	13.25	18.3	1.69	51.92	13.22	32.96	13.24	254.92	33.14	3.07	94	
12/08/2024 05:45	18.47	6.82	137.17	13.24	18.66	1.98	51.5	13.23	33.52	12.37	249.01	33.8	3.59	93.28	
12/08/2024 05:50	18.37	6.81	138.74	13.25	18.82	2.34	55.26	13.23	33.36	12.36	251.94	34.1	4.25	100.13	
12/08/2024 05:55	18.55	6.93	138.48	13.25	17.92	1.5	51.35	13.21	33.69	12.58	251.52	32.4	2.71	92.87	
12/08/2024 06:00	18.38	6.65	135.64	13.24	18.51	2.13	51.89	13.22	33.36	12.07	246.17	33.5	3.85	93.94	
12/08/2024 06:05	18.27	6.89	138.85	13.24	18.53	2.35	55.51	13.22	33.18	12.52	252.1	33.56	4.26	100.52	
12/08/2024 06:10	18.5	6.91	138.94	13.24	18.05	1.58	52.22	13.22	33.59	12.54	252.24	32.65	2.86	94.46	
12/08/2024 06:15	18.38	6.64	132.78	13.24	18.26	1.91	51.32	13.21	33.35	12.04	240.88	33.02	3.45	92.8	
12/08/2024 06:20	18.36	7.02	139.05	13.25	18.22	2.07	55.12	13.21	33.35	12.76	252.51	32.95	3.74	99.69	
12/08/2024 06:25	18.52	7.11	139.33	13.25	17.98	1.65	52.66	13.23	33.66	12.93	253.31	32.57	2.99	95.4	
12/08/2024 06:30	18.44	6.68	136.19	13.25	18.47	2.07	53.25	13.23	33.48	12.14	247.36	33.46	3.75	96.45	
12/08/2024 06:35	18.42	7	139.71	13.25	18.65	2.43	57.34	13.23	33.48	12.73	253.98	33.79	4.4	103.93	
12/08/2024 06:40	18.67	7.05	139.41	13.26	18	1.65	52.38	13.23	33.96	12.82	253.56	32.6	3	94.88	
12/08/2024 06:45	18.33	6.65	136.2	13.25	18.83	2	51.2	13.23	33.3	12.08	247.42	34.1	3.62	92.75	
12/08/2024 06:50	18.3	6.79	138.85	13.25	18.89	2.2	54.15	13.23	33.24	12.33	252.17	34.22	3.99	98.1	
12/08/2024 06:55	18.47	7	139.5	13.25	18.16	1.58	53.83	13.22	33.56	12.73	253.47	32.88	2.86	97.46	
12/08/2024 07:00	18.46	6.72	136.24	13.25	18.36	1.98	52.29	13.22	33.52	12.21	247.42	33.23	3.58	94.66	
12/08/2024 07:05	18.41	6.9	139.68	13.25	18.42	2.24	55.42	13.22	33.45	12.53	253.78	33.35	4.05	100.38	
12/08/2024 07:10	18.98	7.02	140.64	13.25	18.17	1.56	52.72	13.22	34.52	12.76	255.7	32.89	2.82	95.42	
12/08/2024 07:15	18.56	6.7	136.66	13.24	18.3	1.94	52.84	13.22	33.7	12.17	248.13	33.12	3.5	95.62	
12/08/2024 07:20	18.31	6.87	138.92	13.25	18.31	2.24	56.14	13.22	33.25	12.48	252.28	33.15	4.05	101.64	
12/08/2024 07:25	18.5	7	140.28	13.25	18.05	1.45	51.66	13.21	33.61	12.72	254.84	32.64	2.63	93.38	
12/08/2024 07:30	18.37	6.59	136.41	13.24	18.08	1.63	52.44	13.21	33.32	11.96	247.43	32.68	2.95	94.77	
12/08/2024 07:35	18.24	6.88	138.73	13.24	18.14	1.87	55.2	13.21	33.11	12.49	251.81	32.78	3.38	99.82	
12/08/2024 07:40	18.5	7.03	138.27	13.25	18.06	1.47	51.1	13.22	33.59	12.77	251.07	32.67	2.66	92.45	
12/08/2024 07:45	18.27	6.49	134.7	13.24	18.39	1.71	50.88	13.21	33.13	11.76	244.3	33.24	3.09	91.98	
12/08/2024 07:50	18.2	6.6	137.25	13.24	18.41	1.96	54.01	13.21	33.01	11.96	248.92	33.28	3.55	97.66	
12/08/2024 07:55	17.72	6.94	138.17	13.24	17.82	1.31	50.7	13.21	32.16	12.6	250.8	32.22	2.37	91.66	
12/08/2024 08:00	18.25	6.3	130.82	13.23	18.89	1.77	50.59	13.21	33.08	11.43	237.2	34.16	3.2	91.47	
12/08/2024 08:05	18.38	6.48	136.47	13.23	18.84	1.94	53.75	13.21	33.33	11.75	247.45	34.07	3.5	97.21	
12/08/2024 08:10	18.42	6.47	135.98	13.23	18.06	1.21	50.26	13.2	33.4	11.73	246.53	32.61	2.19	90.74	
12/08/2024 08:15	18.45	6.32	131.65	13.23	18.79	2.01	51.36	13.21	33.42	11.46	238.49	33.94	3.62	92.78	
12/08/2024 08:20	18.48	6.64	136.71	13.23	19.05	2.3	54.14	13.21	33.51	12.05	247.89	34.42	4.16	97.86	
12/08/2024 08:25	19	6.71	136.53	13.23	18.25	1.35	50.69	13.2	34.45	12.16	247.52	32.95	2.45	91.52	
12/08/2024 08:30	18.85	6.39	133.36	13.22	17.96	1.56	50.32	13.19	34.11	11.57	241.41	32.39	2.82	90.75	
12/08/2024 08:35	18.45	6.63	136.72	13.23	17.74	1.79	54.43	13.19	33.42	12	247.63	32.01	3.23	98.18	
12/08/2024 08:40	18.56	6.64	137.03	13.23	18.3	1.5	50.96	13.2	33.65	12.04	248.38	33.02	2.71	91.98	
12/08/2024 08:45	18.26	6.08	132.16	13.21	18.35	1.57	51	13.19	33.02	10.99	239.05	33.07	2.82	91.93	
12/08/2024 08:50	18.51	6.45	136.23	13.21	18.55	1.97	55.92	13.19	33.47	11.67	246.37	33.44	3.55	100.83	
12/08/2024 08:55	19.25	6.72	136.44	13.22	18.67	1.66	51.26	13.19	34.83	12.16	246.9	33.67	2.99	92.41	
12/08/2024 09:00	18.87	6.33	132.8	13.21											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12/08/2024 10:25	18.83	6.3	133.75	13.18	18.76	1.28	49.21	13.16	33.9	11.34	240.81	33.67	2.29	88.35	
12/08/2024 10:30	18.94	6.08	131.39	13.17	19.3	1.69	48.39	13.16	34.07	10.94	236.37	34.64	3.03	86.85	
12/08/2024 10:35	18.45	5.91	133.97	13.17	19.33	1.94	51.68	13.15	33.16	10.62	240.81	34.7	3.48	92.75	
12/08/2024 10:40	18.69	6	133.14	13.16	18.72	1.05	49.01	13.14	33.57	10.78	239.18	33.52	1.87	87.76	
12/08/2024 10:45	18.74	6	130.86	13.16	19.03	1.57	49.86	13.14	33.66	10.78	235.1	34.1	2.81	89.32	
12/08/2024 10:50	18.36	6.19	134.37	13.17	19.17	1.95	53.48	13.14	33.03	11.14	241.75	34.35	3.5	95.86	
12/08/2024 10:55	18.64	6.36	134.95	13.18	18.65	1.15	49.43	13.15	33.55	11.45	242.88	33.43	2.07	88.62	
12/08/2024 11:00	18.72	5.99	130.38	13.17	18.81	1.34	49.66	13.14	33.63	10.76	234.34	33.68	2.4	88.93	
12/08/2024 11:05	18.2	5.91	135.18	13.15	18.65	1.49	53.22	13.14	32.66	10.6	242.61	33.39	2.66	95.3	
12/08/2024 11:10	18.08	6.1	135.83	13.15	18.58	1.09	49.95	13.13	32.43	10.94	243.66	33.22	1.96	89.3	
12/08/2024 11:15	18.29	5.99	132.95	13.15	18.54	1.3	50.8	13.13	32.81	10.74	238.52	33.16	2.32	90.85	
12/08/2024 11:20	18.37	6.17	134.68	13.16	18.42	1.36	53.72	13.13	32.99	11.08	241.92	32.95	2.43	96.11	
12/08/2024 11:25	18.39	6.25	134.97	13.17	18.67	1.08	49.79	13.13	33.05	11.24	242.56	33.41	1.93	89.12	
12/08/2024 11:30	18.52	6.01	132.46	13.15	18.38	0.94	50.09	13.13	33.23	10.78	237.65	32.87	1.67	89.57	
12/08/2024 11:35	18.19	5.85	134.96	13.14	18.3	1.16	53.01	13.13	32.61	10.48	241.86	32.72	2.08	94.8	
12/08/2024 11:40	18.42	6.02	134.72	13.15	18.76	1.19	49.51	13.12	33.02	10.79	241.48	33.53	2.13	88.47	
12/08/2024 11:45	18.5	5.97	131.64	13.15	18.91	1.42	49.88	13.12	33.17	10.7	236.01	33.8	2.54	89.16	
12/08/2024 11:50	18.48	6.03	133.91	13.15	18.96	1.63	53.24	13.13	33.17	10.83	240.31	33.91	2.92	95.23	
12/08/2024 11:55	20.17	6.25	134.39	13.15	18.79	1.08	49.85	13.13	36.2	11.22	241.18	33.61	1.93	89.14	
12/08/2024 12:00	19.31	5.87	130.86	13.14	18.6	0.99	49.78	13.11	34.59	10.51	234.43	33.2	1.77	88.88	
12/08/2024 12:05	18.14	5.77	134.49	13.13	18.64	1.18	52.59	13.11	32.46	10.32	240.65	33.27	2.11	93.88	
12/08/2024 12:10	18.38	5.92	134.84	13.14	18.48	0.97	49.81	13.11	32.9	10.61	241.46	32.99	1.74	88.9	
12/08/2024 12:15	18.6	5.89	131.04	13.14	18.73	1.35	50.44	13.12	33.31	10.54	234.64	33.46	2.42	90.11	
12/08/2024 12:20	18.33	5.99	134.02	13.15	18.79	1.63	53.18	13.12	32.86	10.74	240.26	33.57	2.91	95.05	
12/08/2024 12:25	18.58	6.11	133.98	13.15	19.39	1.31	48.98	13.12	33.31	10.96	240.21	34.65	2.34	87.54	
12/08/2024 12:30	18.48	5.82	130.85	13.14	18.75	0.84	48.4	13.11	33.09	10.43	234.32	33.45	1.5	86.35	
12/08/2024 12:35	18.31	5.84	134.01	13.14	18.6	0.89	52.46	13.11	32.78	10.45	239.96	33.19	1.58	93.6	
12/08/2024 12:40	19.25	6.22	133.55	13.14	18.74	1.09	49.18	13.12	34.49	11.15	239.28	33.48	1.95	87.86	
12/08/2024 12:45	19.01	5.95	129.08	13.14	18.98	1.41	49.64	13.12	34.06	10.67	231.27	33.91	2.52	88.7	
12/08/2024 12:50	18.25	5.94	133.61	13.15	19.2	1.74	52.64	13.12	32.72	10.65	239.64	34.32	3.12	94.1	
12/08/2024 12:55	18.77	6.17	134.28	13.15	18.96	1.16	49.85	13.12	33.65	11.07	240.79	33.86	2.07	89.02	
12/08/2024 13:00	18.7	5.81	132.78	13.13	18.8	0.89	50.41	13.1	33.47	10.4	237.6	33.52	1.6	89.87	
12/08/2024 13:05	17.95	5.71	133.74	13.13	19	1.08	53.32	13.1	32.11	10.22	239.19	33.87	1.93	95.08	
12/08/2024 13:10	17.84	5.82	133.25	13.13	18.63	1.06	49.45	13.11	31.93	10.41	238.46	33.24	1.9	88.22	
12/08/2024 13:15	18.32	5.87	130.76	13.14	18.7	1.28	50.77	13.11	32.8	10.51	234.1	33.39	2.29	90.64	
12/08/2024 13:20	18.16	5.75	132.84	13.14	18.65	1.48	56.38	13.12	32.54	10.31	237.98	33.31	2.65	100.71	
12/08/2024 13:25	18.53	5.86	133.06	13.15	18.79	1.05	49.1	13.11	33.22	10.51	238.51	33.55	1.87	87.65	
12/08/2024 13:30	18.6	5.64	129.63	13.13	18.53	0.82	49.28	13.1	33.29	10.09	231.97	33.03	1.46	87.84	
12/08/2024 13:35	18.07	5.58	133.32	13.13	18.54	1.07	52.09	13.1	32.31	9.97	238.39	33.04	1.9	92.89	
12/08/2024 13:40	18.55	5.91	134.39	13.13	18.7	1.26	49.98	13.11	33.18	10.57	240.45	33.38	2.24	89.19	
12/08/2024 13:45	18.64	5.81	130.27	13.13	18.36	1.27	50.63	13.11	33.37	10.39	233.17	32.78	2.27	90.37	
12/08/2024 13:50	18.24	5.9	133.08	13.15	18.47	1.49	53.8	13.11	32.7	10.57	238.6	32.96	2.67	96.06	
12/08/2024 13:55	18.83	6.27	134.06	13.15	18.74	1.12	50.99	13.12	33.77	11.24	240.45	33.49	2.01	91.14	
12/08/2024 14:00	18.71	5.83	130.43	13.14	18.73	0.97	50.6	13.11	33.51	10.44	233.62	33.43	1.74	90.32	
12/08/2024 14:05	17.99	5.58	133.03	13.13	18.78	1.16	53.35	13.11	32.2	9.99	238.05	33.51	2.07	95.21	
12/08/2024 14:10	17.91	5.72	133.33	13.13	18.03	0.95	51.28	13.11	32.05	10.24	238.65	32.19	1.69	91.52	
12/08/2024 14:15	18.27	5.78	130.2	13.14	18.33	1.29	51.21	13.12	32.71	10.34	233.14	32.75	2.3	91.47	
12/08/2024 14:20	18.28	5.98	134.33	13.15	18.47	1.52	53.95	13.12	32.78	10.72	240.93	33	2.72	96.4	
12/08/2024 14:25	18.67	5.97	133.19	13.15	18.62	1.05	50.11	13.12	33.49	10.71	238.88	33.29	1.89	89.58	
12/08/2024 14:30	18.7	5.55	128.24	13.14	18.42	0.95	49.9	13.12	33.48	9.94	229.67	32.89	1.7	89.13	
12/08/2024 14:35	18.12	5.38	131.01	13.13	18.41	1.05	52.34	13.12	32.44	9.62	234.5	32.88	1.87	93.49	
12/08/2024 14:40	18.33	5.69	132.94	13.14	17.92	0.92	50.1	13.11	32.82	10.19	238.05	31.99	1.65	89.43	
12/08/2024 14:45	18.4	5.72	129.86	13.14	17.98	1.25	51.43	13.12	32.96	10.25	232.62	32.13	2.23	91.89	
12/08/2024 14:50	18.23	5.86	132.6	13.15	18.01	1.52	54.93	13.12	32.71	10.51	237.9	32.2	2.72	98.22	
12/08/2024 14:55	18.53	6.07	132.58	13.15	18.17	1.06	51.32	13.13	33.26	10.89	237.93	32.5	1.89	91.78	
12/08/2024 15:00	18.52	5.83	130.04	13.14	18.04	1.05	52.4	13.12	33.18	10.45	232.94	32.22	1.88	93.6	
12/08/2024 15:05	18.16	5.69	133.47	13.13	17.99	1.19	54.71	13.12	32.49	10.19	238.84	32.14	2.12	97.73	
12/08/2024 15:10	18.5	5.83	132.66	13.14	18.27	1.01	50.33	13.11	33.13	10.44	237.54	32.6	1.81	89.83	
12/08/2024 15:15	18.7	5.77	129.77	13.13	18.38	1.15	50.06	13.11	33.46	10.33	232.18	32.78	2.06	89.3	
12/08/2024 15:20	18.22	5.66	133.25	13.13	18.4	1.38	53.16	13.11	32.61	10.12	238.42	32.83	2.47	94.85	
12/08/2024 15:25	18.28	5.8	133.09	13.13	18.13	0.71	50.1	13.1	32.72	10.38	238.18	32.31	1.26	89.3	
12/08/2024 15:30	18.43	5.58	128.02	13.13	18.43	1.17	49.43	13.1	32.95	9.98	228.93	32.85	2.09	88.12	
12/08/2024 15:35	18.29	5.8	132.49	13.14	18.64	1.44	51.16	13.11	32.75	10.39	237.3	33.25	2.57	91.28	
12/08/2024 15:40	18.3	5.96	133.19	13.15	18.18	1.21	51.32	13.12	32.81	10.68	238.83	32.5	2.17	91.7	
12/08/2024 15:45	18.55	5.74	129.83	13.14	18.11	1.11	50.45	13.12	33.23	10.28	232.56	32.35	1.99	90.1	
12/08/2024 15:50	18.2	5.56	132.28	13.13	18.05	1.35	54.16	13.12	32.57	9.95	236.77	32.24	2.4	96.76	
12/08/2024 15:55	18.5	5.72	132.08	13.14	18.3	1.02	49.91	13.11	33.13	10.25	236.51	32.65	1.82	89.06	
12/08/2024 16:00	18.61	5.79	129.73	13.14	18.22	1.17	51.07	13.11	33.31	10.36	232.25	32.51	2.1	91.16	
12/08/2024 16:05	18.44	5.82	132.3	13.14	18.29	1.46	56.1	13.12	33.04	10.42	237.08	32.66	2.61	100.2	
12/08/2024 16:10	18.55	5.86	132.52	13.15	18.23	1.09	50.96	13.12	33.25	10.51	237.58	32.58	1.95	91.05	
12/08/2024 16:15	18.59	5.67	129.54	13.14	18.24	1.04	50.57	13.11	33.29	10.15	231.99	32.56	1.85	90.26	
12/08/2024 16:20	18.22	5.74	132.12	13.14	18.25	1.44	55.18	13.12	32.62	10.29	236.59	32.59	2.56	98.55	
12/08/2024 16:25	18.33	6.11	132.19												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12/08/2024 17:50	18.23	5.87	133.11	13.16	18.39	1.33	48.01	13.11	32.72	10.54	238.92	32.8	2.37	85.67	
12/08/2024 17:55	18.56	6.22	134.8	13.16	17.92	0.78	43.58	13.1	33.34	11.17	242.11	31.94	1.38	77.69	
12/08/2024 18:00	18.66	5.93	128.6	13.15	18.59	1.14	48.3	13.13	33.47	10.64	230.77	33.26	2.04	86.41	
12/08/2024 18:05	18.2	5.87	133.24	13.16	18.59	1.52	54.56	13.13	32.66	10.54	239.14	33.27	2.71	97.7	
12/08/2024 18:10	18.06	6.05	133.41	13.16	17.89	1.2	50.21	13.14	32.44	10.86	239.56	32.02	2.16	89.88	
12/08/2024 18:15	18.35	5.96	131.04	13.16	17.94	1.27	49.63	13.13	32.94	10.7	235.22	32.1	2.28	88.8	
12/08/2024 18:20	18.32	6.04	133.7	13.16	18	1.69	54.83	13.14	32.93	10.86	240.26	32.23	3.03	98.19	
12/08/2024 18:25	18.69	6.17	134.56	13.16	18.26	1.14	48.82	13.14	33.57	11.09	241.73	32.69	2.04	87.4	
12/08/2024 18:30	18.45	5.92	130.29	13.16	18.06	1.2	49.1	13.13	33.13	10.62	233.91	32.32	2.15	87.84	
12/08/2024 18:35	18.26	6.16	134.39	13.17	17.77	1.53	53.65	13.13	32.83	11.07	241.58	31.8	2.74	96.04	
12/08/2024 18:40	17.23	5.97	132.23	13.17	18.5	1.32	48.5	13.14	30.99	10.74	237.79	33.14	2.37	86.88	
12/08/2024 18:45	17.82	5.72	129.01	13.16	18.08	1.1	48.49	13.13	32	10.27	231.7	32.36	1.97	86.76	
12/08/2024 18:50	18.25	6.06	133.22	13.16	17.85	1.19	51.84	13.13	32.76	10.88	239.22	31.95	2.13	92.79	
12/08/2024 18:55	18.67	6.17	132.73	13.16	18.34	1.33	48.92	13.15	33.54	11.09	238.45	32.87	2.39	87.68	
12/08/2024 19:00	18.84	5.99	127.66	13.16	18.96	1.63	49.31	13.15	33.85	10.76	229.41	34	2.92	88.43	
12/08/2024 19:05	18.6	6.06	133.02	13.17	19.12	1.78	52.1	13.15	33.44	10.9	239.13	34.29	3.2	93.44	
12/08/2024 19:10	18.67	6.25	134.5	13.17	18.78	1.13	46.21	13.14	33.56	11.24	241.72	33.65	2.02	82.81	
12/08/2024 19:15	18.88	6.03	130.77	13.17	19.57	1.73	46.42	13.15	33.92	10.83	235.03	35.09	3.1	83.23	
12/08/2024 19:20	18.77	6.33	135.63	13.18	19.61	2	50.78	13.15	33.81	11.41	244.34	35.17	3.59	91.14	
12/08/2024 19:25	18.91	6.27	134.3	13.19	18.66	1.27	48.27	13.16	34.07	11.3	242.04	33.52	2.29	86.71	
12/08/2024 19:30	18.81	6.02	131.74	13.18	18.4	1.63	49.31	13.16	33.89	10.84	237.34	33.06	2.92	88.6	
12/08/2024 19:35	18.75	6.4	135.97	13.19	18.08	1.91	52.96	13.17	33.82	11.55	245.22	32.5	3.43	95.23	
12/08/2024 19:40	18.72	6.58	135.06	13.2	18.41	1.53	49.72	13.18	33.78	11.88	243.76	33.14	2.75	89.49	
12/08/2024 19:45	18.88	6.21	131.59	13.19	19.19	1.65	48.02	13.17	34.05	11.21	237.33	34.52	2.96	86.36	
12/08/2024 19:50	18.65	6.42	135.97	13.2	19.32	1.85	50.77	13.17	33.66	11.58	245.39	34.75	3.33	91.33	
12/08/2024 19:55	19.02	6.6	135.92	13.2	18.81	1.48	47.37	13.18	34.35	11.92	245.51	33.86	2.67	85.28	
12/08/2024 20:00	19.13	6.41	134.97	13.21	19.25	1.93	48.02	13.19	34.57	11.58	243.88	34.7	3.47	86.55	
12/08/2024 20:05	18.84	6.63	136.95	13.22	19.18	2.16	51.67	13.19	34.09	12.01	247.86	34.59	3.89	93.19	
12/08/2024 20:10	19.14	6.75	136.08	13.23	19.01	1.58	48.04	13.2	34.67	12.23	246.45	34.31	2.85	86.71	
12/08/2024 20:15	19.05	6.62	131.88	13.23	19.42	1.93	47.84	13.2	34.52	11.99	238.93	35.07	3.48	86.39	
12/08/2024 20:20	19.02	6.85	137.75	13.24	19.43	2.08	51.9	13.21	34.52	12.43	249.98	35.09	3.77	93.76	
12/08/2024 20:25	19.23	7.02	139.38	13.25	18.91	1.62	48.72	13.22	34.94	12.75	253.19	34.23	2.93	88.16	
12/08/2024 20:30	19.08	6.64	134.31	13.24	19.02	2.04	47.41	13.22	34.64	12.04	243.78	34.41	3.7	85.78	
12/08/2024 20:35	18.83	6.94	137.78	13.25	18.89	2.3	50.86	13.22	34.22	12.62	250.41	34.18	4.16	92.09	
12/08/2024 20:40	19	7.07	136.61	13.25	18.9	1.75	49.43	13.22	34.54	12.85	248.37	34.22	3.18	89.51	
12/08/2024 20:45	18.85	6.65	133.41	13.25	18.88	1.94	47.93	13.23	34.23	12.08	242.37	34.19	3.51	86.81	
12/08/2024 20:50	18.72	6.89	136.79	13.26	18.72	2.07	51.2	13.23	34.06	12.53	248.88	33.9	3.76	92.78	
12/08/2024 20:55	18.16	6.72	136.53	13.26	18.87	1.74	47.67	13.24	33.04	12.23	248.43	34.24	3.16	86.49	
12/08/2024 21:00	18.55	6.43	131.82	13.26	19.22	2.12	47.71	13.24	33.73	11.69	239.74	34.9	3.84	86.62	
12/08/2024 21:05	18.8	6.99	137.36	13.27	19.29	2.38	51.38	13.25	34.25	12.74	250.23	35.03	4.33	93.34	
12/08/2024 21:10	18.8	7.08	137.67	13.27	19.01	1.86	48.03	13.25	34.24	12.9	250.76	34.55	3.39	87.3	
12/08/2024 21:15	18.79	6.69	133.01	13.26	19.08	2.26	48.24	13.25	34.21	12.17	242.16	34.7	4.11	87.71	
12/08/2024 21:20	18.75	6.95	136.3	13.27	19.06	2.49	51.67	13.26	34.16	12.67	248.39	34.66	4.53	93.97	
12/08/2024 21:25	18.95	6.94	135.47	13.27	18.78	1.81	47.77	13.25	34.54	12.65	246.9	34.13	3.28	86.84	
12/08/2024 21:30	18.93	6.69	133.57	13.27	19.29	2.1	48.53	13.26	34.46	12.18	243.25	35.07	3.82	88.24	
12/08/2024 21:35	18.63	6.95	136.02	13.27	19.37	2.29	51.54	13.26	33.96	12.67	247.92	35.22	4.16	93.74	
12/08/2024 21:40	18.52	7	135.7	13.28	18.58	1.78	48.11	13.26	33.77	12.77	247.48	33.78	3.24	87.5	
12/08/2024 21:45	18.61	6.75	130.47	13.27	18.84	2.11	47.96	13.25	33.91	12.31	237.67	34.25	3.84	87.19	
12/08/2024 21:50	18.83	7.03	136.43	13.27	18.76	2.4	51.77	13.25	34.3	12.81	248.55	34.11	4.37	94.15	
12/08/2024 21:55	18.94	7.05	136.7	13.27	18.89	1.84	48.27	13.25	34.51	12.85	249.1	34.33	3.34	87.73	
12/08/2024 22:00	18.89	6.78	135.28	13.27	19.3	2.27	48.99	13.26	34.39	12.35	246.32	35.1	4.12	89.11	
12/08/2024 22:05	18.59	6.96	136.72	13.27	19.35	2.54	52.79	13.26	33.89	12.69	249.16	35.2	4.63	96.05	
12/08/2024 22:10	18.66	7.05	136.94	13.28	18.54	1.77	48.58	13.26	34.02	12.86	249.68	33.74	3.22	88.38	
12/08/2024 22:15	18.67	6.75	133.18	13.27	19.12	2.16	48.15	13.26	34.02	12.29	242.63	34.79	3.93	87.61	
12/08/2024 22:20	18.66	6.95	136.23	13.28	19.32	2.34	51.17	13.26	34.03	12.67	248.38	35.15	4.26	93.11	
12/08/2024 22:25	18.98	7.08	135.81	13.28	18.63	1.82	47.79	13.25	34.61	12.91	247.58	33.87	3.3	86.86	
12/08/2024 22:30	18.89	6.79	134.68	13.27	19.07	2.15	48.28	13.25	34.39	12.36	245.22	34.65	3.91	87.73	
12/08/2024 22:35	18.59	6.99	136.05	13.27	19.12	2.45	52.95	13.25	33.89	12.73	247.94	34.76	4.45	96.28	
12/08/2024 22:40	18.81	6.96	136.03	13.28	18.61	1.75	49.23	13.26	34.32	12.69	248.13	33.86	3.19	89.54	
12/08/2024 22:45	18.89	6.66	132.27	13.27	18.97	2.22	49.34	13.26	34.42	12.14	241.09	34.53	4.04	89.79	
12/08/2024 22:50	18.75	7.05	136.13	13.28	18.96	2.45	52.88	13.26	34.2	12.85	248.35	34.51	4.47	96.26	
12/08/2024 22:55	18.92	7	135.67	13.28	18.63	1.79	48.24	13.26	34.53	12.78	247.58	33.9	3.25	87.77	
12/08/2024 23:00	18.74	6.58	131.15	13.27	18.98	2.15	48.78	13.26	34.16	11.99	239.05	34.55	3.91	88.77	
12/08/2024 23:05	18.71	7.07	136.67	13.28	18.94	2.34	51.99	13.26	34.15	12.9	249.4	34.47	4.26	94.64	
12/08/2024 23:10	18.7	7.13	136.83	13.29	18.44	1.81	48.89	13.26	34.15	13.02	249.84	33.56	3.3	88.97	
12/08/2024 23:15	18.72	6.84	133.49	13.28	18.8	2.19	49.18	13.26	34.13	12.47	243.39	34.2	3.99	89.47	
12/08/2024 23:20	18.73	7.1	136.75	13.28	18.81	2.49	52.89	13.26	34.15	12.95	249.31	34.23	4.53	96.24	
12/08/2024 23:25	18.92	7.22	137.06	13.28	18.56	1.88	48.98	13.26	34.51	13.17	249.96	33.74	3.43	89.06	
12/08/2024 23:30	18.84	6.81	133.59	13.27	19.06	2.25	49.58	13.26	34.32	12.41	243.4	34.67	4.1	90.21	
12/08/2024 23:35	18.84	7.14	137.36	13.28	19.11	2.56	54.24	13.26	34.35	13.02	250.41	34.77	4.66	98.72	
12/08/2024 23:40	19.3	7.19	136.84	13.28	18.46	1.91	49.08	13.25	35.19	13.11	249.56	33.55	3.47	89.21	
12/08/2024 23:45	18.97	6.74	132.98	13.27	19.07	2.24	49.09	13.25	34.55	12.28	242.				



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
13/08/2024 01:15	18.45	6.5	130.07	13.26	18.65	2.32	49.19	13.25	33.58	11.83	236.7	33.91	4.21	89.41	
13/08/2024 01:20	18.33	6.85	134.65	13.27	18.72	2.65	53.03	13.25	33.41	12.47	245.34	34.03	4.81	96.44	
13/08/2024 01:25	18.38	6.94	135.06	13.27	18.02	1.87	48.55	13.25	33.48	12.65	246.11	32.76	3.4	88.25	
13/08/2024 01:30	18.34	6.63	132.57	13.27	18.75	2.27	50.29	13.26	33.39	12.08	241.4	34.09	4.13	91.45	
13/08/2024 01:35	18.44	6.9	135.79	13.27	18.79	2.46	53.68	13.26	33.6	12.58	247.4	34.17	4.47	97.63	
13/08/2024 01:40	18.28	6.83	135.52	13.28	18.29	1.91	49.36	13.26	33.33	12.46	247.09	33.26	3.47	89.74	
13/08/2024 01:45	18.43	6.62	132.35	13.27	18.49	2.27	49.35	13.26	33.56	12.06	241.07	33.61	4.13	89.73	
13/08/2024 01:50	18.42	6.83	135.02	13.27	18.36	2.44	53.75	13.26	33.55	12.44	245.91	33.38	4.44	97.74	
13/08/2024 01:55	18.39	7.11	134.77	13.27	18.38	1.78	48.67	13.25	33.5	12.96	245.47	33.39	3.24	88.4	
13/08/2024 02:00	18.48	6.85	130.85	13.26	18.84	2.28	50.44	13.26	33.64	12.47	238.15	34.26	4.15	91.71	
13/08/2024 02:05	18.34	6.93	135.31	13.26	18.79	2.48	53.99	13.26	33.38	12.61	246.27	34.18	4.5	98.18	
13/08/2024 02:10	18.44	6.91	134.64	13.26	18.29	1.84	49.59	13.24	33.56	12.58	245.04	33.2	3.34	90.03	
13/08/2024 02:15	18.52	6.65	132.16	13.26	19.04	2.24	48.8	13.24	33.7	12.09	240.43	34.57	4.07	88.6	
13/08/2024 02:20	18.32	6.94	135.82	13.26	19.13	2.61	54.54	13.25	33.33	12.63	247.16	34.74	4.75	99.06	
13/08/2024 02:25	18.39	6.89	134.89	13.26	18.33	1.89	49.88	13.24	33.47	12.55	245.5	33.27	3.43	90.53	
13/08/2024 02:30	18.41	6.65	131.86	13.26	18.63	2.26	49.18	13.24	33.47	12.1	239.77	33.81	4.11	89.25	
13/08/2024 02:35	18.42	6.95	135.32	13.26	18.46	2.53	52.91	13.24	33.5	12.63	246.08	33.51	4.6	96.05	
13/08/2024 02:40	18.72	6.89	134.36	13.25	18.26	1.85	49.65	13.23	34.03	12.53	244.28	33.11	3.35	90.03	
13/08/2024 02:45	18.48	6.68	131.71	13.25	18.64	2.24	50.08	13.24	33.57	12.14	239.25	33.81	4.07	90.83	
13/08/2024 02:50	18.42	7.06	136.05	13.26	18.57	2.57	54.03	13.24	33.51	12.85	247.46	33.7	4.66	98.03	
13/08/2024 02:55	18.47	7.14	136.45	13.26	18.25	1.79	49.37	13.23	33.61	13	248.34	33.09	3.24	89.51	
13/08/2024 03:00	18.36	6.69	133.09	13.25	18.53	2.05	49.11	13.24	33.37	12.17	241.88	33.62	3.71	89.06	
13/08/2024 03:05	18.43	7.07	136.7	13.25	18.55	2.3	53.43	13.24	33.5	12.86	248.47	33.66	4.17	96.94	
13/08/2024 03:10	18.78	7.24	136.95	13.26	18.26	1.98	50.67	13.23	34.15	13.16	249.05	33.12	3.59	91.87	
13/08/2024 03:15	18.54	6.87	131.08	13.25	18.5	2.19	50.65	13.24	33.68	12.47	238.16	33.54	3.98	91.86	
13/08/2024 03:20	18.35	7.11	137.4	13.26	18.49	2.33	55.6	13.24	33.37	12.93	249.83	33.54	4.23	100.86	
13/08/2024 03:25	18.28	7.25	137.59	13.26	18.31	2.04	50.83	13.24	33.26	13.2	250.36	33.21	3.7	92.19	
13/08/2024 03:30	18.36	6.96	135.46	13.25	18.45	2.29	51.61	13.23	33.37	12.65	246.16	33.44	4.16	93.54	
13/08/2024 03:35	18.31	7.19	138.23	13.25	18.33	2.52	55.02	13.23	33.26	13.06	251.13	33.22	4.56	99.74	
13/08/2024 03:40	18.36	7.22	138.23	13.25	18.26	1.99	51.56	13.23	33.38	13.13	251.33	33.1	3.61	93.46	
13/08/2024 03:45	18.44	6.97	135.3	13.25	18.78	2.36	53.68	13.23	33.5	12.66	245.79	34.06	4.27	97.32	
13/08/2024 03:50	18.4	7.24	137.7	13.25	18.88	2.59	57.16	13.23	33.43	13.15	250.24	34.24	4.7	103.66	
13/08/2024 03:55	18.64	7.43	138.38	13.26	18.22	1.97	51.39	13.23	33.9	13.5	251.63	33.03	3.58	93.17	
13/08/2024 04:00	18.56	7.04	134.21	13.25	18.56	2.3	52.87	13.24	33.71	12.79	243.83	33.68	4.17	95.91	
13/08/2024 04:05	18.32	7.13	138.06	13.25	18.6	2.49	56.19	13.24	33.3	12.96	250.89	33.75	4.52	101.95	
13/08/2024 04:10	18.72	7.19	137.95	13.25	18.28	2	51.57	13.23	34.03	13.07	250.81	33.14	3.62	93.5	
13/08/2024 04:15	18.47	6.93	136.73	13.25	18.69	2.36	52.15	13.24	33.55	12.59	248.36	33.91	4.28	94.64	
13/08/2024 04:20	18.26	7.09	138.01	13.25	18.64	2.57	55.13	13.24	33.17	12.88	250.77	33.83	4.67	100.06	
13/08/2024 04:25	18.42	7.16	138.08	13.25	18.12	1.85	51.67	13.23	33.49	13.01	250.99	32.83	3.35	93.63	
13/08/2024 04:30	18.3	6.77	134.28	13.25	18.51	2.28	52	13.24	33.23	12.29	243.84	33.56	4.13	94.31	
13/08/2024 04:35	18.3	7.12	137.37	13.25	18.43	2.52	55.94	13.24	33.25	12.93	249.58	33.44	4.57	101.47	
13/08/2024 04:40	18.55	7.18	137.41	13.25	18.1	1.88	51.53	13.23	33.71	13.04	249.72	32.81	3.4	93.41	
13/08/2024 04:45	18.42	6.83	133.08	13.25	18.7	2.27	50.93	13.23	33.44	12.4	241.67	33.91	4.11	92.34	
13/08/2024 04:50	18.39	7.11	136.85	13.25	18.76	2.45	53.21	13.23	33.44	12.93	248.78	34.01	4.44	96.49	
13/08/2024 04:55	18.42	7.14	136.31	13.25	18.04	1.8	51.06	13.23	33.49	12.99	247.78	32.7	3.27	92.57	
13/08/2024 05:00	18.39	6.69	131.17	13.25	18.52	2.19	49.89	13.24	33.42	12.16	238.33	33.6	3.98	90.51	
13/08/2024 05:05	18.31	6.78	133.06	13.26	18.56	2.39	52.34	13.24	33.3	12.32	242.01	33.66	4.34	94.96	
13/08/2024 05:10	18.44	6.86	132.83	13.25	18.26	1.86	49.76	13.23	33.52	12.48	241.5	33.09	3.37	90.16	
13/08/2024 05:15	18.36	6.81	132.92	13.25	18.65	2.35	52.3	13.23	33.34	12.37	241.39	33.81	4.25	94.8	
13/08/2024 05:20	18.21	7.4	139.57	13.25	18.62	2.6	55.78	13.23	33.1	13.44	253.67	33.75	4.72	101.14	
13/08/2024 05:25	18.13	7.39	139.11	13.25	18.13	1.97	53.34	13.23	32.95	13.44	252.92	32.85	3.57	96.65	
13/08/2024 05:30	18.22	6.96	135.75	13.25	18.56	2.35	54.32	13.23	33.09	12.64	246.56	33.64	4.26	98.46	
13/08/2024 05:35	18.27	7.48	140.3	13.25	18.56	2.8	59.84	13.23	33.2	13.6	254.95	33.64	5.08	108.49	
13/08/2024 05:40	18.69	7.64	139.97	13.25	18.33	2.03	53.64	13.23	33.97	13.9	254.43	33.21	3.68	97.19	
13/08/2024 05:45	18.44	7.22	137.99	13.25	18.72	2.2	54.15	13.23	33.5	13.12	250.63	33.93	3.99	98.13	
13/08/2024 05:50	18.24	7.35	138.86	13.25	18.59	2.34	57.24	13.23	33.16	13.37	252.38	33.7	4.24	103.76	
13/08/2024 05:55	18.05	7.07	137.66	13.25	18.21	1.97	51.18	13.23	32.81	12.85	250.27	33.01	3.57	92.79	
13/08/2024 06:00	18.22	6.64	132.77	13.24	18.93	2.2	52.11	13.23	33.08	12.05	241.09	34.32	4	94.5	
13/08/2024 06:05	18.14	7.05	136.76	13.25	19.11	2.38	56.49	13.24	32.96	12.81	248.47	34.66	4.32	102.46	
13/08/2024 06:10	19.38	7.55	137.94	13.25	18.33	1.99	51.55	13.23	35.23	13.73	250.79	33.23	3.61	93.45	
13/08/2024 06:15	18.89	7.05	134.59	13.25	18.68	2.51	53.35	13.24	34.3	12.8	244.48	33.88	4.55	96.77	
13/08/2024 06:20	18.34	7.12	137.74	13.25	18.87	2.86	57.26	13.24	33.32	12.94	250.25	34.23	5.2	103.87	
13/08/2024 06:25	17.8	6.91	136.53	13.25	17.93	1.97	52.13	13.23	32.33	12.55	248.03	32.47	3.56	94.42	
13/08/2024 06:30	18.35	6.73	132.79	13.24	18.72	2.3	51.09	13.23	33.3	12.22	241.03	33.92	4.17	92.56	
13/08/2024 06:35	18.34	6.92	136.01	13.24	18.74	2.46	54.01	13.23	33.3	12.57	246.9	33.96	4.45	97.85	
13/08/2024 06:40	18.59	7	136.06	13.24	18.01	1.78	49.96	13.22	33.76	12.71	247.02	32.58	3.21	90.38	
13/08/2024 06:45	18.51	6.82	134.42	13.24	18.72	2.28	51.03	13.22	33.56	12.37	243.79	33.89	4.12	92.37	
13/08/2024 06:50	18.3	7.03	136.69	13.24	18.79	2.5	54.08	13.22	33.21	12.76	248.06	34.02	4.53	97.92	
13/08/2024 06:55	18.5	7.05	135.61	13.24	18.02	1.82	51.44	13.22	33.57	12.79	246.1	32.63	3.3	93.13	
13/08/2024 07:00	18.4	6.91	133.82	13.24	18.46	2.34	52.25	13.23	33.38	12.53	242.81	33.44	4.23	94.65	
13/08/2024 07:05	18.17	7.18	138.08	13.25	18.41	2.59	55.99	13.23	33	13.05	250.81	33.36	4.69	101.46	
13/08/2024 07:10	18.67	7.3	138.41	13.25	18.25	1.96	52.85	13.23	33.91	13.26	251.38	33.06	3.55	95.71	
13/08/2024 07:15	18.46</														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
13/08/2024 08:40	18.42	7.05	137.56	13.21	18.3	1.57	52.36	13.18	33.3	12.75	248.68	32.96	2.83	94.32	
13/08/2024 08:45	18.32	6.55	133	13.2	18.52	1.82	52.34	13.18	33.07	11.84	240.16	33.35	3.27	94.25	
13/08/2024 08:50	18.18	6.83	135.91	13.21	18.43	1.96	55.32	13.18	32.86	12.34	245.61	33.19	3.53	99.65	
13/08/2024 08:55	18.44	6.93	135.27	13.21	17.9	1.59	52.12	13.18	33.34	12.52	244.58	32.26	2.86	93.91	
13/08/2024 09:00	18.33	6.4	131.89	13.2	18.12	1.79	51.46	13.18	33.08	11.56	238.07	32.63	3.22	92.68	
13/08/2024 09:05	18.19	6.59	135.06	13.2	18.17	1.98	53.81	13.18	32.83	11.9	243.79	32.73	3.57	96.95	
13/08/2024 09:10	18.58	6.69	134.67	13.2	18.02	1.66	52.04	13.18	33.56	12.09	243.26	32.45	3	93.7	
13/08/2024 09:15	18.45	6.45	132.29	13.19	18.24	1.87	52.52	13.18	33.27	11.64	238.61	32.83	3.36	94.54	
13/08/2024 09:20	18.22	6.62	136.82	13.19	18.36	2.05	55.41	13.18	32.86	11.94	246.7	33.05	3.7	99.73	
13/08/2024 09:25	18.61	6.72	136.63	13.19	17.67	1.55	53.12	13.17	33.54	12.12	246.24	31.77	2.79	95.49	
13/08/2024 09:30	18.5	6.56	134.14	13.18	18.13	2.1	53.52	13.18	33.33	11.81	241.59	32.63	3.78	96.3	
13/08/2024 09:35	18.24	6.5	134.58	13.17	18.34	2.44	57.33	13.18	32.8	11.7	242.1	33	4.39	103.16	
13/08/2024 09:40	18.48	6.57	134.83	13.17	17.77	1.51	51.72	13.14	33.24	11.81	242.46	31.82	2.7	92.65	
13/08/2024 09:45	18.41	6.15	129.55	13.16	17.95	1.65	51.47	13.14	33.04	11.04	232.53	32.13	2.96	92.15	
13/08/2024 09:50	18.31	6.31	131.42	13.16	18.1	1.92	54.1	13.14	32.88	11.33	236.05	32.41	3.44	96.87	
13/08/2024 09:55	18.45	6.44	132.38	13.17	17.81	1.43	50.18	13.14	33.18	11.58	238	31.9	2.57	89.91	
13/08/2024 10:00	18.47	6.08	126.15	13.15	18.23	1.69	49.82	13.13	33.14	10.92	226.35	32.63	3.02	89.16	
13/08/2024 10:05	18.13	5.94	130.78	13.14	18.28	1.9	52.86	13.13	32.46	10.64	234.2	32.71	3.4	94.58	
13/08/2024 10:10	18.41	6.07	129.84	13.14	17.92	1.52	49.39	13.12	32.97	10.86	232.55	32.04	2.72	88.28	
13/08/2024 10:15	18.55	5.93	127.04	13.14	18.33	1.78	49.15	13.12	33.22	10.62	227.45	32.77	3.18	87.84	
13/08/2024 10:20	18.36	6.03	130.24	13.14	18.45	2.09	53.16	13.12	32.88	10.8	233.23	32.98	3.74	95.05	
13/08/2024 10:25	19.22	6.05	129.95	13.14	18.11	1.45	50.48	13.12	34.41	10.83	232.7	32.35	2.6	90.16	
13/08/2024 10:30	18.8	5.81	126.23	13.12	18.08	1.22	50.42	13.11	33.6	10.38	225.59	32.24	2.17	89.93	
13/08/2024 10:35	18.22	6.09	131.8	13.12	17.97	1.42	53.99	13.11	32.53	10.87	235.34	32.04	2.54	96.28	
13/08/2024 10:40	18.47	6.46	133.33	13.12	18.05	1.48	50.58	13.1	32.99	11.53	238.17	32.18	2.63	90.18	
13/08/2024 10:45	18.51	6.14	129.4	13.11	18.08	1.54	50.95	13.11	33.05	10.97	231.02	32.25	2.75	90.88	
13/08/2024 10:50	18.29	6.02	131.4	13.11	17.96	1.66	53.94	13.1	32.64	10.73	234.47	32.02	2.96	96.18	
13/08/2024 10:55	19.2	6.13	131.47	13.11	18.06	1.08	50.86	13.09	34.26	10.93	234.52	32.13	1.93	90.47	
13/08/2024 11:00	18.68	5.87	129.74	13.09	17.87	1.05	51.26	13.08	33.27	10.46	231.06	31.76	1.86	91.1	
13/08/2024 11:05	18.39	6.04	131.28	13.09	17.8	1.13	55.32	13.08	32.73	10.75	233.71	31.63	2.01	98.31	
13/08/2024 11:10	18.91	6.27	132.47	13.1	18.49	1.4	49.14	13.09	33.69	11.17	236.07	32.88	2.49	87.41	
13/08/2024 11:15	18.75	5.94	128.23	13.1	18.21	1.43	49.46	13.09	33.4	10.58	228.45	32.4	2.54	88.01	
13/08/2024 11:20	18.61	5.92	131.51	13.1	18.11	1.56	51.26	13.09	33.15	10.55	234.24	32.21	2.77	91.2	
13/08/2024 11:25	18.97	6.17	131.97	13.09	18.8	1.21	50.13	13.08	33.78	11	234.99	33.4	2.15	89.07	
13/08/2024 11:30	18.77	5.92	129.79	13.08	18.53	1.05	51.21	13.06	33.37	10.52	230.69	32.87	1.87	90.83	
13/08/2024 11:35	18.25	5.75	132.31	13.07	18.49	1.23	56.81	13.06	32.4	10.21	234.9	32.79	2.18	100.76	
13/08/2024 11:40	18.52	5.96	132.19	13.08	18.23	1.01	48.82	13.06	32.89	10.58	234.81	32.31	1.79	86.54	
13/08/2024 11:45	18.62	5.89	129.03	13.08	18.52	1.5	50.14	13.07	33.09	10.46	229.25	32.87	2.67	88.99	
13/08/2024 11:50	18.32	5.76	130.16	13.08	18.67	1.79	52.85	13.07	32.58	10.25	231.46	33.15	3.18	93.84	
13/08/2024 11:55	18.3	5.8	131.38	13.08	18.37	1.04	47.69	13.06	32.54	10.31	233.65	32.57	1.84	84.56	
13/08/2024 12:00	18.57	5.71	126.99	13.07	18.28	0.91	47.67	13.05	32.96	10.14	225.41	32.36	1.62	84.42	
13/08/2024 12:05	18.3	5.55	130.15	13.06	18.32	1.08	50.18	13.05	32.45	9.83	230.77	32.44	1.91	88.85	
13/08/2024 12:10	18.44	5.67	131.98	13.06	18.39	0.89	47.72	13.03	32.69	10.06	234.03	32.5	1.57	84.32	
13/08/2024 12:15	18.61	5.66	128.28	13.05	18.21	0.88	48.24	13.03	32.97	10.04	227.26	32.17	1.56	85.21	
13/08/2024 12:20	18.2	5.8	130.77	13.06	18.4	1.23	51.67	13.03	32.28	10.28	231.89	32.51	2.17	91.33	
13/08/2024 12:25	18.2	6.11	133.44	13.07	18.22	1.06	48.4	13.05	32.32	10.85	236.89	32.27	1.87	85.7	
13/08/2024 12:30	18.5	5.87	128.57	13.06	18.17	1.17	49.42	13.05	32.81	10.41	228.01	32.19	2.08	87.53	
13/08/2024 12:35	18.48	5.67	131.09	13.06	18.05	1.36	51.04	13.05	32.75	10.05	232.31	31.98	2.41	90.4	
13/08/2024 12:40	18.38	5.94	131.58	13.06	18.25	1	50.87	13.03	32.56	10.53	233.17	32.25	1.77	89.87	
13/08/2024 12:45	18.41	5.73	128.02	13.05	17.94	0.91	49.37	13.03	32.58	10.15	226.6	31.66	1.61	87.16	
13/08/2024 12:50	18.18	5.9	132.35	13.05	17.87	1.19	52.66	13.03	32.21	10.45	234.46	31.56	2.11	93.01	
13/08/2024 12:55	18.52	6.03	131.58	13.06	18.26	1.15	49.97	13.04	32.84	10.7	233.4	32.3	2.03	88.42	
13/08/2024 13:00	18.49	5.74	127.01	13.06	18.07	1.27	51.81	13.05	32.78	10.18	225.14	31.98	2.25	91.71	
13/08/2024 13:05	18.14	5.72	131.7	13.06	17.9	1.44	54.21	13.05	32.16	10.14	233.43	31.69	2.54	95.97	
13/08/2024 13:10	18.58	5.85	130.55	13.06	18.48	1.22	50.48	13.04	32.93	10.36	231.39	32.67	2.16	89.23	
13/08/2024 13:15	18.65	5.76	127.86	13.05	18.25	1.01	50.33	13.03	33	10.19	226.31	32.22	1.79	88.89	
13/08/2024 13:20	18.35	5.56	131.61	13.04	18.26	1.2	53.22	13.03	32.44	9.82	232.65	32.25	2.11	93.98	
13/08/2024 13:25	18.48	5.5	131.7	13.03	18.2	0.83	49.56	13.01	32.66	9.72	232.7	32.07	1.46	87.33	
13/08/2024 13:30	18.5	5.45	127.21	13.03	17.86	0.85	50.01	13.01	32.68	9.63	224.7	31.49	1.51	88.14	
13/08/2024 13:35	18.11	5.63	130.39	13.04	17.94	1.08	52.67	13.02	32.04	9.96	230.69	31.63	1.9	92.91	
13/08/2024 13:40	18.22	5.77	131.47	13.05	18.25	1.14	49.78	13.03	32.26	10.21	232.79	32.25	2.01	87.98	
13/08/2024 13:45	18.53	5.74	128.45	13.05	18.36	1.12	49.99	13.03	32.8	10.16	227.37	32.44	1.97	88.32	
13/08/2024 13:50	18.23	5.71	132.21	13.05	18.31	1.22	52.64	13.03	32.26	10.1	233.98	32.35	2.16	93	
13/08/2024 13:55	18.66	5.83	132.2	13.05	18.41	1.21	50.76	13.02	33.03	10.32	234.05	32.49	2.13	89.57	
13/08/2024 14:00	18.58	5.66	127.53	13.04	18.53	0.94	50.04	13.01	32.84	10	225.45	32.66	1.65	88.2	
13/08/2024 14:05	18.45	5.68	131.96	13.03	18.71	1.11	52.66	13.01	32.59	10.03	233.08	32.98	1.95	92.82	
13/08/2024 14:10	18.55	5.77	133.47	13.03	18.79	1.18	49.64	13.01	32.76	10.19	235.72	33.12	2.09	87.49	
13/08/2024 14:15	18.3	5.2	128.61	13.02	17.97	0.51	50.12	13	32.27	9.16	226.84	31.62	0.89	88.18	
13/08/2024 14:20	18.22	5.42	130.75	13.02	17.89	0.64	55.42	13	32.14	9.56	230.69	31.47	1.13	97.5	
13/08/2024 14:25	18.42	5.53	131.27	13.03	18.34	1.03	50.45	13.01	32.52	9.77	231.74	32.33	1.82	88.93	
13/08/2024 14:30	18.63	5.43	127.27	13.02	18.16	0.82	50.07	13.01	32.89	9.58	224.64	31.99	1.45	88.23	
13/08/2024 14:35	18.43	5.61	131.47	13.03	18.38	0.98	52.92	13.01	32.56	9.91	232.17	32.38	1.74	93.28	
13/08/2024 14:40	18.45	5.72	132.5	13.03	18.78										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
13/08/2024 16:05	18.13	5.37	130.5	13.03	18.03	1.03	53.49	13	32.01	9.48	230.39	31.74	1.82	94.16	
13/08/2024 16:10	18.22	5.47	130.5	13.03	17.98	0.93	50.06	13.01	32.18	9.66	230.48	31.67	1.63	88.19	
13/08/2024 16:15	18.39	5.53	128.01	13.03	18.07	1.13	51.69	13.02	32.49	9.78	226.18	31.85	1.99	91.14	
13/08/2024 16:20	18.2	5.65	131.57	13.05	18.13	1.35	55.01	13.02	32.21	10.01	232.93	31.97	2.39	97.05	
13/08/2024 16:25	18.45	5.86	131.34	13.05	18.08	1.02	51.52	13.03	32.68	10.38	232.62	31.92	1.8	90.99	
13/08/2024 16:30	18.45	5.57	128.15	13.04	17.81	0.84	51.1	13.02	32.63	9.86	226.7	31.43	1.48	90.15	
13/08/2024 16:35	18.07	5.59	131.4	13.05	17.89	1.14	55.06	13.02	31.98	9.9	232.61	31.57	2.01	97.19	
13/08/2024 16:40	18.42	5.77	131.44	13.05	18.01	0.99	50.06	13.04	32.63	10.22	232.83	31.84	1.75	88.5	
13/08/2024 16:45	18.64	5.71	129	13.05	18.26	1.09	50.46	13.05	33.01	10.12	228.51	32.32	1.94	89.31	
13/08/2024 16:50	18.3	5.61	131.66	13.06	18.42	1.24	52.87	13.05	32.42	9.93	233.32	32.59	2.2	93.57	
13/08/2024 16:55	18.52	5.55	131.3	13.05	18.13	0.86	50.3	13.03	32.81	9.83	232.63	32.03	1.52	88.89	
13/08/2024 17:00	18.36	5.4	128.69	13.04	17.5	0.99	52.42	13.03	32.46	9.54	227.54	30.93	1.75	92.65	
13/08/2024 17:05	18.09	5.13	126.06	13.03	17.57	1.41	56.34	13.04	31.94	9.05	222.54	31.06	2.48	99.57	
13/08/2024 17:10	18.45	5.27	127.25	13.03	18	0.89	49.63	13.05	32.59	9.3	224.74	31.88	1.58	87.89	
13/08/2024 17:15	18.61	5.06	124.5	13.02	18.54	1.17	49.53	13.05	32.84	8.93	219.7	32.82	2.08	87.69	
13/08/2024 17:20	18.14	5	127.41	13.02	18.65	1.44	52.88	13.05	31.99	8.81	224.7	33.02	2.54	93.57	
13/08/2024 17:25	18.84	5.21	127.2	13.02	17.96	0.81	49.9	13.04	33.25	9.19	224.48	31.76	1.43	88.27	
13/08/2024 17:30	18.86	5.23	124.38	13.04	18.78	1.43	50.13	13.05	33.34	9.24	219.83	33.25	2.53	88.74	
13/08/2024 17:35	18.28	5.59	132.59	13.06	18.87	1.63	52.73	13.05	32.42	9.92	235.11	33.41	2.88	93.36	
13/08/2024 17:40	18.61	5.86	133.05	13.06	17.83	0.54	43.79	13.01	33	10.39	235.91	31.42	0.96	77.17	
13/08/2024 17:45	18.64	5.73	129.61	13.06	17.93	0.94	44.41	13.02	33.03	10.15	229.74	31.62	1.65	78.31	
13/08/2024 17:50	18.11	5.69	133.55	13.06	18.14	1.35	48.46	13.02	32.11	10.09	236.75	32.01	2.39	85.53	
13/08/2024 17:55	18.14	5.72	132.22	13.06	17.79	0.52	43.85	13.01	32.16	10.14	234.4	31.36	0.91	77.29	
13/08/2024 18:00	18.49	5.64	128.18	13.06	18.19	0.87	43.79	13.03	32.79	10.01	227.32	32.12	1.53	77.3	
13/08/2024 18:05	18.34	5.89	134	13.07	18.38	1.36	48.55	13.03	32.58	10.46	238	32.47	2.4	85.81	
13/08/2024 18:10	18.33	5.88	132.88	13.08	18.64	1.16	49.26	13.06	32.56	10.44	236.08	33.06	2.05	87.36	
13/08/2024 18:15	18.55	5.82	130.64	13.07	18.67	1.24	49.66	13.06	32.94	10.34	232.07	33.1	2.2	88.07	
13/08/2024 18:20	18.61	6.29	135.92	13.09	18.85	1.44	53.87	13.06	33.13	11.19	241.98	33.44	2.55	95.6	
13/08/2024 18:25	18.95	6.22	134.98	13.1	18.28	1.13	49.95	13.08	33.78	11.09	240.55	32.51	2.01	88.82	
13/08/2024 18:30	18.86	6.06	133.46	13.1	19.53	1.65	50.14	13.08	33.6	10.81	237.76	34.73	2.94	89.18	
13/08/2024 18:35	18.4	6.37	137.27	13.11	19.47	1.93	53.16	13.09	32.82	11.36	244.83	34.64	3.43	94.59	
13/08/2024 18:40	18.64	6.58	137.75	13.11	18.42	1.48	51.3	13.1	33.27	11.75	245.87	32.81	2.63	91.38	
13/08/2024 18:45	18.45	6.16	133.73	13.11	19.19	1.59	51.13	13.1	32.91	10.99	238.57	34.18	2.83	91.08	
13/08/2024 18:50	18.28	6.35	137.09	13.12	20.19	1.79	54.36	13.1	32.65	11.35	244.83	35.97	3.2	96.87	
13/08/2024 18:55	18.45	6.57	136.81	13.12	18.41	1.47	50.8	13.1	32.96	11.73	244.39	32.82	2.63	90.57	
13/08/2024 19:00	18.66	6.38	133.98	13.12	19.02	1.84	51.3	13.11	33.34	11.41	239.44	33.95	3.29	91.58	
13/08/2024 19:05	18.43	6.5	137.48	13.13	19.18	2.05	54.66	13.12	32.97	11.63	245.98	34.25	3.66	97.61	
13/08/2024 19:10	18.91	6.47	137.16	13.13	18.43	1.41	50.99	13.11	33.84	11.58	245.5	32.89	2.52	91.02	
13/08/2024 19:15	18.63	6.26	133.9	13.13	18.73	1.74	51.3	13.12	33.33	11.2	239.59	33.46	3.11	91.66	
13/08/2024 19:20	18.47	6.8	138.92	13.15	18.77	1.97	54.71	13.12	33.12	12.19	249.06	33.55	3.53	97.82	
13/08/2024 19:25	18.92	6.89	139.77	13.15	18.49	1.42	51.11	13.13	33.94	12.37	250.73	33.07	2.54	91.39	
13/08/2024 19:30	18.72	6.47	135.45	13.15	18.84	1.75	51.05	13.13	33.56	11.6	242.83	33.7	3.13	91.31	
13/08/2024 19:35	18.46	6.74	138.22	13.16	18.81	2	54.5	13.13	33.14	12.09	248.12	33.65	3.57	97.55	
13/08/2024 19:40	18.75	6.89	138.73	13.16	18.47	1.61	51.15	13.14	33.69	12.39	249.28	33.09	2.88	91.66	
13/08/2024 19:45	18.59	6.51	135.15	13.15	18.76	1.8	50.44	13.14	33.37	11.69	242.55	33.6	3.23	90.34	
13/08/2024 19:50	18.42	6.59	137.42	13.16	18.68	2.01	53.31	13.14	33.07	11.84	246.7	33.46	3.6	95.5	
13/08/2024 19:55	18.8	6.6	136.78	13.16	18.52	1.55	50.47	13.15	33.76	11.85	245.67	33.21	2.78	90.47	
13/08/2024 20:00	18.63	6.44	131.73	13.16	18.81	1.79	49.88	13.15	33.45	11.56	236.57	33.72	3.2	89.43	
13/08/2024 20:05	18.55	6.62	137.2	13.17	18.51	1.94	53.23	13.15	33.35	11.89	246.62	33.18	3.47	95.47	
13/08/2024 20:10	18.42	6.77	136.63	13.17	18.48	1.46	49.45	13.15	33.13	12.17	245.69	33.15	2.62	88.71	
13/08/2024 20:15	18.53	6.35	132.4	13.17	18.88	1.84	50.16	13.16	33.32	11.42	238.04	33.9	3.3	90.06	
13/08/2024 20:20	18.41	6.4	135.81	13.17	18.91	1.97	52.73	13.16	33.11	11.51	244.29	33.95	3.53	94.68	
13/08/2024 20:25	18.44	6.5	135.2	13.17	18.3	1.35	49.6	13.15	33.17	11.7	243.23	32.81	2.42	88.96	
13/08/2024 20:30	18.42	6.31	132.79	13.17	18.43	1.78	50.04	13.15	33.12	11.34	238.73	33.07	3.19	89.81	
13/08/2024 20:35	18.4	6.45	136.3	13.17	18.25	1.92	54.04	13.16	33.11	11.6	245.19	32.75	3.44	96.99	
13/08/2024 20:40	18.63	6.43	135.33	13.18	18.57	1.37	47.47	13.15	33.51	11.56	243.5	33.32	2.46	85.17	
13/08/2024 20:45	18.62	6.16	132.52	13.17	19.08	1.64	47.34	13.16	33.48	11.08	238.23	34.25	2.95	84.98	
13/08/2024 20:50	18.54	6.44	134.81	13.17	19.19	1.97	52.92	13.16	33.35	11.58	242.47	34.45	3.53	95.02	
13/08/2024 20:55	19.47	6.66	135.16	13.17	18.25	1.35	47.86	13.15	35.02	11.98	243.1	32.74	2.43	85.87	
13/08/2024 21:00	18.95	6.26	131.59	13.16	18.68	1.69	47.81	13.15	34.06	11.25	236.48	33.51	3.03	85.79	
13/08/2024 21:05	18.4	6.61	136.01	13.17	18.66	1.94	51.39	13.15	33.09	11.9	244.67	33.49	3.48	92.25	
13/08/2024 21:10	18.44	6.83	136.73	13.18	18.49	1.57	49.29	13.16	33.2	12.3	246.18	33.19	2.81	88.48	
13/08/2024 21:15	18.46	6.44	131.65	13.17	18.41	1.66	49.38	13.16	33.2	11.58	236.72	33.04	2.98	88.62	
13/08/2024 21:20	18.44	6.55	134.55	13.17	18.37	1.96	53.75	13.16	33.15	11.78	241.96	32.99	3.52	96.52	
13/08/2024 21:25	18.61	6.69	134.08	13.17	18.25	1.43	48.67	13.15	33.48	12.04	241.21	32.74	2.56	87.32	
13/08/2024 21:30	18.52	6.24	131.17	13.16	18.62	1.8	49.14	13.15	33.27	11.22	235.65	33.4	3.22	88.16	
13/08/2024 21:35	18.2	6.49	135.07	13.17	18.65	2.02	53.66	13.15	32.7	11.66	242.74	33.46	3.62	96.29	
13/08/2024 21:40	18.5	6.61	134.92	13.17	18.29	1.67	49.5	13.15	33.27	11.89	242.62	32.81	2.99	88.81	
13/08/2024 21:45	18.36	6.33	132.38	13.16	18.27	1.83	49.71	13.15	32.99	11.37	237.9	32.79	3.29	89.2	
13/08/2024 21:50	18.29	6.52	135.6	13.17	18.28	2.03	52.36	13.15	32.87	11.71	243.73	32.79	3.64	93.94	
13/08/2024 21:55	18.3	6.69	136.06	13.17	18.27	1.58	49.28	13.15	32.88	12.02	244.53	32.75	2.83	88.36	
13/08/2024 22:00	18.34	6.36	132.49	13.16	18.64	1.81	49.44	13.15	32.94	11.42	237.94	33.44	3.25	88.68	
13/08/2024 22:05	18.3	6.47	134.81	13.16	18.76										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
13/08/2024 23:30	18.56	6.37	132.23	13.15	18.83	2.06	50.57	13.14	33.3	11.43	237.25	33.73	3.7	90.59	
13/08/2024 23:35	18.39	6.66	136.79	13.16	18.91	2.33	53.96	13.14	33.02	11.96	245.59	33.87	4.18	96.68	
13/08/2024 23:40	18.67	6.39	135.16	13.16	18.26	1.64	51.04	13.14	33.52	11.48	242.65	32.69	2.94	91.39	
13/08/2024 23:45	18.54	6.39	131.85	13.15	18.49	1.98	51.89	13.13	33.25	11.46	236.41	33.09	3.55	92.86	
13/08/2024 23:50	18.3	6.83	137.58	13.15	18.47	2.23	55.42	13.13	32.81	12.25	246.72	33.06	3.99	99.2	
13/08/2024 23:55	18.33	6.88	138.09	13.15	18.26	1.56	50.87	13.13	32.87	12.33	247.63	32.66	2.78	90.98	
14/08/2024 00:00	18.34	6.42	133.79	13.14	18.67	1.81	51.48	13.13	32.86	11.5	239.68	33.4	3.25	92.1	
14/08/2024 00:05	18.25	6.69	136.59	13.15	18.75	2.09	55.09	13.13	32.72	11.99	244.94	33.55	3.74	98.59	
14/08/2024 00:10	18.16	6.83	137.17	13.15	18.44	1.82	51.87	13.14	32.58	12.26	246.17	33	3.27	92.86	
14/08/2024 00:15	18.17	6.48	133.99	13.15	18.45	1.79	52.17	13.13	32.57	11.62	240.24	33.01	3.2	93.37	
14/08/2024 00:20	17.87	6.56	136.18	13.15	18.56	2.01	55.16	13.13	32.04	11.76	244.18	33.21	3.6	98.72	
14/08/2024 00:25	18.17	6.74	136.45	13.15	17.77	1.68	51.49	13.13	32.61	12.09	244.83	31.8	3	92.12	
14/08/2024 00:30	18.59	6.52	132.55	13.15	18	1.88	51.62	13.13	33.33	11.68	237.58	32.21	3.36	92.37	
14/08/2024 00:35	17.36	6.48	135.66	13.14	18.69	2.24	55.65	13.13	31.1	11.6	243.09	33.44	4.01	99.6	
14/08/2024 00:40	18.5	6.39	135	13.14	18.27	1.6	52.54	13.12	33.15	11.46	241.89	32.65	2.85	93.9	
14/08/2024 00:45	18.26	6.3	131.99	13.14	18.22	2.14	52.81	13.13	32.71	11.29	236.42	32.59	3.82	94.46	
14/08/2024 00:50	18.12	6.71	136.23	13.15	18.17	2.37	55.81	13.13	32.48	12.03	244.23	32.51	4.25	99.84	
14/08/2024 00:55	16.33	6.41	136.81	13.15	17.94	1.5	52.71	13.12	29.27	11.49	245.28	32.06	2.68	94.15	
14/08/2024 01:00	17.78	6.38	134.07	13.14	18.7	1.83	52.69	13.12	31.85	11.42	240.12	33.41	3.28	94.13	
14/08/2024 01:05	17.65	6.72	135.67	13.14	18.84	2.03	55.74	13.12	31.62	12.04	243.08	33.66	3.62	99.63	
14/08/2024 01:10	17.47	7.11	135.98	13.15	18.24	1.63	51.9	13.12	31.32	12.75	243.85	32.61	2.91	92.75	
14/08/2024 01:15	17.84	6.54	132.94	13.14	18.7	1.82	52.52	13.12	31.96	11.71	238.09	33.42	3.25	93.85	
14/08/2024 01:20	18.53	6.86	136.66	13.14	18.93	2.01	56.15	13.12	33.18	12.29	244.76	33.83	3.6	100.37	
14/08/2024 01:25	20.59	7.3	138.28	13.15	17.62	1.41	52.12	13.12	36.92	13.09	247.91	31.48	2.52	93.1	
14/08/2024 01:30	18.41	6.53	133.31	13.14	18.76	1.76	52.4	13.12	32.97	11.69	238.73	33.53	3.15	93.65	
14/08/2024 01:35	18.15	6.62	136.11	13.14	18.92	1.79	55.82	13.12	32.49	11.86	243.65	33.81	3.2	99.77	
14/08/2024 01:40	17.92	6.41	135.36	13.14	17.76	1.81	53.33	13.12	32.1	11.48	242.48	31.73	3.24	95.29	
14/08/2024 01:45	18.05	6.37	134.03	13.14	18.54	2.2	54.79	13.13	32.32	11.42	240	33.15	3.93	97.97	
14/08/2024 01:50	17.78	6.74	137.71	13.14	18.72	2.35	58.09	13.13	31.85	12.07	246.67	33.47	4.21	103.91	
14/08/2024 01:55	17.52	6.77	136.94	13.14	17.89	1.84	53.9	13.12	31.38	12.13	245.31	31.97	3.29	96.29	
14/08/2024 02:00	17.71	6.64	134.32	13.14	18.14	2.17	54.18	13.12	31.71	11.88	240.5	32.42	3.88	96.84	
14/08/2024 02:05	18.14	6.97	138.05	13.14	18.05	2.32	57.41	13.12	32.52	12.49	247.43	32.27	4.15	102.65	
14/08/2024 02:10	18.09	7.08	138.48	13.15	17.69	1.76	53.89	13.12	32.45	12.7	248.38	31.63	3.15	96.32	
14/08/2024 02:15	18.36	6.69	133.65	13.14	17.25	1.92	53.04	13.13	32.9	11.99	239.51	30.84	3.43	94.85	
14/08/2024 02:20	17.98	7.05	137.98	13.15	17.25	2.1	55.35	13.13	32.26	12.64	247.64	30.84	3.75	99.02	
14/08/2024 02:25	18.92	7.14	137.28	13.16	18.02	1.83	53.72	13.13	33.97	12.83	246.47	32.24	3.28	96.14	
14/08/2024 02:30	18.59	6.8	135.14	13.14	18.24	1.93	53.15	13.13	33.32	12.2	242.24	32.62	3.45	95.08	
14/08/2024 02:35	18.21	7.15	140.45	13.15	18.3	2.06	56.06	13.13	32.64	12.83	251.82	32.73	3.69	100.31	
14/08/2024 02:40	19.23	7.49	141.02	13.15	18.19	2.01	55.27	13.13	34.5	13.43	252.97	32.54	3.6	98.86	
14/08/2024 02:45	18.46	7.05	137.93	13.14	17.04	2.15	54.98	13.13	33.08	12.63	247.2	30.47	3.84	98.34	
14/08/2024 02:50	18.09	7.16	140.42	13.15	16.72	2.37	58.07	13.13	32.43	12.83	251.73	29.9	4.24	103.85	
14/08/2024 02:55	17.63	7.41	141.98	13.15	17.62	1.92	55.37	13.13	31.63	13.3	254.81	31.52	3.44	99.05	
14/08/2024 03:00	17.72	7.12	138.77	13.15	18.13	2.46	56.62	13.13	31.77	12.76	248.82	32.45	4.41	101.33	
14/08/2024 03:05	17.9	7.37	143.17	13.15	18.33	2.81	60.35	13.13	32.1	13.21	256.69	32.8	5.03	108.02	
14/08/2024 03:10	16.97	7.3	142.13	13.15	17.67	1.83	58.38	13.12	30.42	13.09	254.81	31.58	3.28	104.34	
14/08/2024 03:15	17.46	7.24	140.46	13.14	17.42	2.41	58.01	13.13	31.28	12.98	251.63	31.15	4.3	103.73	
14/08/2024 03:20	17.54	7.62	145.31	13.14	17.02	2.66	61.39	13.13	31.44	13.65	260.4	30.43	4.75	109.8	
14/08/2024 03:25	17.59	7.61	145.19	13.15	17.93	2.03	59.75	13.12	31.54	13.65	260.24	32.04	3.63	106.78	
14/08/2024 03:30	17.8	7.29	140.87	13.14	17.93	2.22	58.64	13.12	31.87	13.05	252.3	32.06	3.97	104.81	
14/08/2024 03:35	18.01	7.58	143.03	13.15	17.9	2.44	61.97	13.13	32.29	13.6	256.46	32	4.37	110.81	
14/08/2024 03:40	18.14	7.8	144.83	13.15	17.65	1.91	57.6	13.12	32.55	14	259.86	31.55	3.42	102.97	
14/08/2024 03:45	17.55	7.3	140.55	13.14	17.19	2.58	58.7	13.12	31.45	13.08	251.83	30.72	4.6	104.88	
14/08/2024 03:50	18.28	7.74	145.03	13.14	16.76	3.08	62.02	13.12	32.76	13.87	259.88	29.96	5.5	110.85	
14/08/2024 03:55	18.94	8	144.61	13.15	17.14	1.83	57.77	13.12	33.96	14.35	259.31	30.64	3.26	103.28	
14/08/2024 04:00	18.45	7.48	139.31	13.14	17.93	2.27	57.81	13.12	33.04	13.41	249.49	32.05	4.05	103.33	
14/08/2024 04:05	17.92	7.55	144.8	13.14	17.95	2.55	62.22	13.13	32.11	13.53	259.47	32.08	4.56	111.26	
14/08/2024 04:10	17.97	7.85	146.16	13.15	17.72	2.09	59.35	13.13	32.21	14.07	262.03	31.69	3.74	106.12	
14/08/2024 04:15	18.08	7.31	141.48	13.14	18.2	2.24	57.94	13.13	32.39	13.09	253.42	32.55	4	103.59	
14/08/2024 04:20	17.96	7.5	144.74	13.14	18.15	2.35	60.98	13.12	32.18	13.44	259.31	32.44	4.2	109.03	
14/08/2024 04:25	18.16	7.58	144.47	13.14	17.96	2.04	57.35	13.12	32.53	13.58	258.85	32.09	3.65	102.45	
14/08/2024 04:30	18.16	7.28	141.48	13.14	18.4	2.39	57.38	13.12	32.53	13.04	253.35	32.89	4.27	102.57	
14/08/2024 04:35	17.97	7.36	144.32	13.14	18.41	2.59	60.68	13.13	32.18	13.18	258.5	32.92	4.64	108.5	
14/08/2024 04:40	18.03	7.39	144.48	13.14	17.93	1.89	56.87	13.11	32.31	13.25	258.88	32.01	3.37	101.53	
14/08/2024 04:45	18.04	7.19	140.55	13.14	18.21	2.34	57.62	13.12	32.29	12.87	251.65	32.52	4.17	102.92	
14/08/2024 04:50	18.17	7.59	144.34	13.14	18.26	2.59	60.41	13.12	32.56	13.6	258.66	32.62	4.63	107.92	
14/08/2024 04:55	18.64	7.43	144.45	13.14	18.55	2.04	57.82	13.12	33.4	13.3	258.82	33.16	3.65	103.35	
14/08/2024 05:00	18.32	7.24	141.36	13.14	17.81	1.98	56.57	13.12	32.8	12.96	253.1	31.82	3.54	101.06	
14/08/2024 05:05	17.96	7.61	144.41	13.14	17.8	2.16	58.61	13.12	32.2	13.64	258.84	31.8	3.85	104.72	
14/08/2024 05:10	18.38	7.83	144.23	13.15	17.97	2.15	57.6	13.13	32.95	14.04	258.64	32.13	3.84	103.02	
14/08/2024 05:15	18.23	7.33	140.71	13.14	18.39	2.29	56.63	13.12	32.66	13.14	252.09	32.87	4.09	101.22	
14/08/2024 05:20	17.9	7.47	143.59	13.15	18.47	2.44	58.03	13.12	32.09	13.4	257.39	33.03	4.36	103.74	
14/08/2024 05:25	18.88	7.82	144.02	13.15	17.62	2.02	56.77	13.13	33.87	14.02	258.4	31.51	3.61	101.54	
14/08/2024 05															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
14/08/2024 06:55	17.92	7.57	141.58	13.15	17.38	1.97	56.67	13.13	32.15	13.57	253.98	31.09	3.52	101.35	
14/08/2024 07:00	17.68	7.21	138	13.14	17.4	2.27	57.33	13.13	31.69	12.92	247.35	31.13	4.06	102.56	
14/08/2024 07:05	17.73	7.4	142.43	13.15	17.15	2.55	60.87	13.13	31.8	13.28	255.49	30.7	4.56	108.93	
14/08/2024 07:10	17.63	7.66	143.95	13.16	17.72	1.95	56.59	13.13	31.64	13.75	258.45	31.71	3.48	101.22	
14/08/2024 07:15	18.77	7.28	140.16	13.15	17.86	2.39	57.34	13.13	33.65	13.05	251.31	31.94	4.27	102.54	
14/08/2024 07:20	17.51	7.03	139.82	13.15	18.35	2.89	60.94	13.13	31.41	12.61	250.73	32.82	5.17	108.99	
14/08/2024 07:25	17.69	7.33	138.97	13.15	17.63	1.98	56.03	13.13	31.74	13.16	249.35	31.55	3.54	100.23	
14/08/2024 07:30	17.9	7.13	140.15	13.14	18.25	2.25	55.99	13.13	32.07	12.77	251.16	32.64	4.02	100.12	
14/08/2024 07:35	17.92	7.26	142.11	13.14	18.47	2.44	58.97	13.13	32.11	13.02	254.64	33.02	4.36	105.45	
14/08/2024 07:40	18.67	7.54	145.42	13.15	17.64	2.01	57.23	13.12	33.48	13.51	260.77	31.51	3.6	102.23	
14/08/2024 07:45	18.27	7.1	139.69	13.14	18.53	2.28	56.73	13.12	32.71	12.71	250.15	33.09	4.08	101.31	
14/08/2024 07:50	18.25	7.21	141.44	13.13	18.07	2.47	60.19	13.12	32.66	12.9	253.09	32.27	4.42	107.5	
14/08/2024 07:55	17.55	7.3	141.86	13.13	18.1	1.73	55.21	13.1	31.39	13.06	253.77	32.26	3.08	98.42	
14/08/2024 08:00	17.87	7.02	138.79	13.12	18.05	1.97	55.66	13.11	31.95	12.55	248.14	32.19	3.51	99.26	
14/08/2024 08:05	17.97	7.35	142.42	13.13	17.89	2.12	58.58	13.11	32.16	13.16	254.93	31.9	3.79	104.49	
14/08/2024 08:10	18.44	7.43	143.44	13.14	18.23	1.78	55.42	13.11	33.03	13.3	256.95	32.54	3.18	98.89	
14/08/2024 08:15	18.31	7.03	136.06	13.13	18.53	1.93	54.7	13.11	32.76	12.57	243.38	33.04	3.43	97.55	
14/08/2024 08:20	18.1	7.14	140.02	13.13	18.68	2.12	56.64	13.11	32.36	12.77	250.4	33.31	3.78	101.02	
14/08/2024 08:25	18.36	7.28	139.86	13.13	18.1	1.72	55.31	13.11	32.85	13.03	250.24	32.29	3.07	98.69	
14/08/2024 08:30	18.27	6.9	136.01	13.12	18.49	1.81	54.46	13.11	32.66	12.33	243.07	32.98	3.23	97.14	
14/08/2024 08:35	18.21	6.91	139.31	13.12	18.73	2.06	57.14	13.11	32.53	12.34	248.85	33.4	3.67	101.93	
14/08/2024 08:40	18.55	7.22	140.02	13.12	17.74	1.55	55	13.1	33.14	12.91	250.22	31.63	2.76	98.06	
14/08/2024 08:45	18.41	6.78	136.34	13.12	18.35	2.04	54.96	13.11	32.9	12.12	243.57	32.74	3.64	98.06	
14/08/2024 08:50	17.99	6.69	139.01	13.12	18.44	2.23	57.7	13.11	32.13	11.95	248.29	32.89	3.98	102.95	
14/08/2024 08:55	18.41	6.77	138.05	13.12	18.19	1.68	54.94	13.1	32.89	12.09	246.65	32.41	2.99	97.88	
14/08/2024 09:00	18.35	6.58	135.05	13.11	18.76	2.17	54.05	13.1	32.77	11.75	241.13	33.45	3.87	96.37	
14/08/2024 09:05	18.25	6.93	139	13.12	18.87	2.34	56.86	13.11	32.6	12.38	248.28	33.65	4.16	101.4	
14/08/2024 09:10	18.16	6.89	138.36	13.12	18.12	1.41	53.68	13.09	32.43	12.32	247.16	32.26	2.52	95.56	
14/08/2024 09:15	18.31	6.68	133.84	13.11	18.39	1.72	54.35	13.09	32.67	11.92	238.81	32.75	3.07	96.77	
14/08/2024 09:20	18.23	6.79	138	13.11	18.5	1.99	57.21	13.09	32.52	12.12	246.17	32.94	3.55	101.89	
14/08/2024 09:25	18.34	6.97	138.23	13.11	18.5	1.68	54.53	13.09	32.72	12.44	246.59	32.91	2.98	97	
14/08/2024 09:30	18.45	6.47	134.43	13.09	18.58	1.58	53.57	13.08	32.85	11.52	239.39	33	2.8	95.18	
14/08/2024 09:35	18.21	6.61	137.39	13.09	18.57	1.79	57.1	13.07	32.4	11.77	244.54	32.98	3.19	101.43	
14/08/2024 09:40	18.64	6.66	135.88	13.09	18.16	1.49	53.86	13.07	33.19	11.86	241.89	32.26	2.64	95.65	
14/08/2024 09:45	18.58	6.45	133.55	13.09	18.54	1.83	54.43	13.07	33.04	11.48	237.56	32.92	3.26	96.66	
14/08/2024 09:50	17.99	6.46	137.59	13.08	18.65	2.02	59.43	13.07	31.98	11.48	244.53	33.13	3.59	105.55	
14/08/2024 09:55	18.14	6.72	138.52	13.08	18.12	1.6	55.48	13.06	32.22	11.94	246.05	32.12	2.83	98.3	
14/08/2024 10:00	18.38	6.47	133.61	13.07	18.3	1.77	55.1	13.06	32.62	11.48	237.15	32.43	3.14	97.66	
14/08/2024 10:05	18.31	6.47	136.46	13.07	18.31	2.1	59.34	13.06	32.53	11.49	242.38	32.45	3.73	105.21	
14/08/2024 10:10	18.69	6.5	135.47	13.08	18.56	1.39	50.75	13.05	33.21	11.56	240.74	32.87	2.46	89.87	
14/08/2024 10:15	18.62	6.07	132.06	13.06	18.48	1.25	51.68	13.04	33.01	10.77	234.15	32.69	2.21	91.39	
14/08/2024 10:20	18.19	6.41	136.86	13.06	18.41	1.36	54.28	13.04	32.22	11.35	242.5	32.54	2.4	95.97	
14/08/2024 10:25	17.97	6.61	137.23	13.06	18.2	1.52	54.07	13.04	31.85	11.72	243.24	32.18	2.69	95.61	
14/08/2024 10:30	18.31	6.46	134.05	13.05	18.63	1.63	53.54	13.04	32.42	11.44	237.41	32.94	2.87	94.67	
14/08/2024 10:35	18.15	6.4	138.28	13.04	18.47	1.71	56.42	13.04	32.12	11.32	244.69	32.66	3.03	99.76	
14/08/2024 10:40	17.83	6.46	138.75	13.04	18.04	1.23	54.34	13.02	31.54	11.42	245.49	31.82	2.17	95.83	
14/08/2024 10:45	18.19	6.33	134.92	13.04	18.3	1.4	53.69	13.02	32.16	11.19	238.51	32.27	2.47	94.67	
14/08/2024 10:50	18.1	6.54	138.11	13.05	18.4	1.49	57.02	13.02	32.03	11.57	244.44	32.44	2.64	100.55	
14/08/2024 10:55	18.36	6.78	137.95	13.05	17.95	1.18	53.55	13.03	32.52	12.02	244.32	31.68	2.09	94.53	
14/08/2024 11:00	18.49	6.4	133.73	13.04	18.39	1.39	54.71	13.02	32.71	11.32	236.55	32.46	2.46	96.55	
14/08/2024 11:05	18.23	6.28	136.55	13.04	18.35	1.61	58.21	13.02	32.22	11.1	241.36	32.39	2.85	102.74	
14/08/2024 11:10	18.52	6.43	137.8	13.03	18.45	1.39	53.82	13.01	32.72	11.35	243.51	32.49	2.45	94.78	
14/08/2024 11:15	18.44	6.29	134.57	13.02	18.2	1.35	54.78	13	32.54	11.1	237.42	32.02	2.37	96.38	
14/08/2024 11:20	18.04	6.38	137.02	13.02	18.19	1.6	58.18	13	31.84	11.26	241.84	32.01	2.82	102.4	
14/08/2024 11:25	18	6.36	135.23	13.03	18.25	1.34	54.08	13.01	31.8	11.24	238.89	32.14	2.36	95.26	
14/08/2024 11:30	18.5	6.4	134.61	13.03	18.68	1.56	54.74	13.01	32.65	11.31	237.62	32.9	2.75	96.45	
14/08/2024 11:35	18.35	6.38	138.53	13.02	18.76	1.81	57.88	13.01	32.38	11.26	244.41	33.05	3.2	101.98	
14/08/2024 11:40	19.05	6.63	138.14	13.02	18.56	1.48	55.11	13	33.59	11.69	243.64	32.66	2.61	96.96	
14/08/2024 11:45	18.85	6.46	135.95	13.01	18.44	1.33	55.69	12.99	33.2	11.38	239.45	32.4	2.35	97.85	
14/08/2024 11:50	18.26	6.23	138.7	13	18.51	1.52	58.47	12.99	32.11	10.96	243.94	32.51	2.67	102.69	
14/08/2024 11:55	18.5	6.22	138.52	13	18.42	1.28	54.51	12.97	32.53	10.94	243.57	32.29	2.24	95.59	
14/08/2024 12:00	18.5	6.34	134.62	12.99	18.48	1.29	53.7	12.97	32.52	11.15	236.69	32.4	2.27	94.17	
14/08/2024 12:05	18.13	6.37	138.61	13	18.49	1.55	58	12.98	31.91	11.21	243.98	32.44	2.71	101.77	
14/08/2024 12:10	18.14	6.55	139.5	13.01	18.57	1.3	52.7	12.99	31.96	11.54	245.79	32.62	2.29	92.6	
14/08/2024 12:15	18.53	6.44	135.97	13	18.64	1.23	53.14	12.99	32.63	11.34	239.4	32.73	2.16	93.33	
14/08/2024 12:20	18.42	6.32	138.61	13	18.68	1.49	57.56	12.99	32.43	11.12	244.01	32.81	2.61	101.11	
14/08/2024 12:25	18.67	6.33	138.59	13	18.84	1.42	54.64	12.98	32.87	11.14	243.95	33.07	2.49	95.91	
14/08/2024 12:30	18.65	6.09	134.28	12.99	18.5	1.26	55.47	12.97	32.79	10.71	236.08	32.44	2.2	97.28	
14/08/2024 12:35	18.6	6.2	137.4	12.99	18.46	1.48	58.29	12.97	32.68	10.9	241.43	32.37	2.6	102.23	
14/08/2024 12:40	18.64	6.28	137.48	12.99	19.07	1.5	53.6	12.97	32.75	11.04	241.52	33.42	2.63	93.94	
14/08/2024 12:45	18.54	5.97	134.69	12.98	18.56	1.27	55.16	12.96	32.52	10.47	236.26	32.49	2.22	96.55	
14/08/2024 12:50	18.43	6.19	138.28	12.98	18.36	1.5	58.75	12.96	32.32	10.86	242.55				



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
14/08/2024 14:20	18.19	6.4	140.18	12.99	18.15	1.47	59.99	12.98	31.97	11.24	246.37	31.84	2.58	105.25	
14/08/2024 14:25	18.36	6.41	140.19	12.99	18.57	1.35	57.52	12.97	32.26	11.26	246.37	32.54	2.36	100.78	
14/08/2024 14:30	18.26	6.25	137.3	12.98	17.8	0.8	57.17	12.96	32.05	10.97	241.01	31.14	1.39	100.04	
14/08/2024 14:35	18	6.23	138.95	12.98	17.82	1.1	61.58	12.96	31.59	10.93	243.92	31.19	1.93	107.81	
14/08/2024 14:40	17.97	6.41	139.22	12.98	18.26	1.31	56.68	12.96	31.55	11.26	244.47	31.97	2.3	99.24	
14/08/2024 14:45	18.28	6.36	136.66	12.98	18.15	1.32	57.21	12.96	32.07	11.17	239.86	31.76	2.31	100.12	
14/08/2024 14:50	18.27	6.33	139.51	12.98	18.01	1.47	61.01	12.96	32.06	11.1	244.86	31.52	2.57	106.77	
14/08/2024 14:55	18.36	6.39	139.23	12.98	18.32	1.22	56.32	12.95	32.22	11.22	244.35	32.03	2.13	98.45	
14/08/2024 15:00	18.35	6.29	137.99	12.97	17.37	0.83	57.59	12.94	32.17	11.03	241.92	30.33	1.45	100.55	
14/08/2024 15:05	17.84	6.3	139.7	12.98	17.19	1.08	60.19	12.94	31.3	11.06	245.1	30.01	1.89	105.12	
14/08/2024 15:10	18.08	6.36	137.55	12.98	17.95	1.27	56.6	12.96	31.75	11.17	241.54	31.44	2.23	99.11	
14/08/2024 15:15	18.28	6.4	136.31	12.98	18.06	1.21	56.93	12.96	32.1	11.23	239.33	31.61	2.12	99.66	
14/08/2024 15:20	18.05	6.21	139.68	12.99	18.19	1.35	59.52	12.96	31.69	10.91	245.31	31.84	2.37	104.2	
14/08/2024 15:25	18.22	6.3	140.14	12.99	17.92	1.09	57.36	12.96	32.01	11.07	246.19	31.39	1.91	100.46	
14/08/2024 15:30	18.23	6.22	136.6	12.99	17.79	1.13	55.77	12.96	32.03	10.93	239.99	31.16	1.98	97.66	
14/08/2024 15:35	17.96	6.39	139.2	13	17.86	1.42	59.17	12.97	31.62	11.25	245.03	31.28	2.49	103.69	
14/08/2024 15:40	18.33	6.55	138.59	13.01	18.24	1.25	56.37	12.98	32.29	11.54	244.19	32.03	2.2	99	
14/08/2024 15:45	18.45	6.42	134.09	13	18.22	1.28	56.06	12.98	32.48	11.3	236.08	31.96	2.24	98.36	
14/08/2024 15:50	17.99	6.11	139.05	13	18.42	1.54	59.16	12.98	31.66	10.76	244.71	32.31	2.7	103.82	
14/08/2024 15:55	18.69	6.43	139.48	13.01	17.62	0.89	54.01	12.98	32.91	11.31	245.62	30.91	1.56	94.76	
14/08/2024 16:00	18.63	6.24	135.76	13	17.95	1.24	54.32	12.98	32.8	10.98	238.98	31.51	2.18	95.33	
14/08/2024 16:05	18.1	6.27	138.06	13.01	17.97	1.5	57.48	12.98	31.9	11.06	243.32	31.54	2.63	100.92	
14/08/2024 16:10	18.39	6.47	138.38	13.02	18.18	1.33	56.66	12.99	32.44	11.42	244.1	31.96	2.35	99.58	
14/08/2024 16:15	18.25	6.22	135.09	13.01	18.43	1.2	56.93	12.98	32.15	10.96	237.99	32.36	2.1	99.96	
14/08/2024 16:20	17.97	6.05	138.04	13	18.63	1.37	60.34	12.98	31.63	10.66	243.01	32.71	2.4	105.95	
14/08/2024 16:25	19.42	6.58	139.66	13.01	17.65	1.2	56.32	12.98	34.2	11.59	245.92	30.98	2.11	98.87	
14/08/2024 16:30	18.89	6.36	135.37	13.01	18.02	1.52	57.59	12.99	33.27	11.19	238.39	31.67	2.68	101.19	
14/08/2024 16:35	18.08	6.44	139.23	13.02	17.96	1.8	62.11	12.99	31.88	11.35	245.53	31.56	3.17	109.2	
14/08/2024 16:40	18.3	6.66	139.23	13.02	18.19	1.2	56.01	12.99	32.29	11.75	245.71	31.98	2.11	98.45	
14/08/2024 16:45	18.38	6.24	135.04	13.01	18.09	1.1	55.11	12.98	32.38	10.99	237.98	31.75	1.92	96.75	
14/08/2024 16:50	18.2	6.52	141.05	13.02	18.02	1.25	60.42	12.98	32.1	11.49	248.74	31.63	2.19	106.07	
14/08/2024 16:55	18.48	6.82	142.19	13.03	18.03	1.16	57.73	12.99	32.63	12.03	251.02	31.71	2.04	101.51	
14/08/2024 17:00	18.26	6.53	136.29	13.02	18.36	1.31	58.5	12.99	32.2	11.51	240.33	32.25	2.29	102.77	
14/08/2024 17:05	18.03	6.48	141.72	13.02	18.56	1.65	62.61	12.99	31.8	11.44	249.92	32.62	2.9	110.05	
14/08/2024 17:10	18.19	6.85	140.84	13.03	18.65	1.68	56.87	13	32.11	12.09	248.65	32.83	2.96	100.09	
14/08/2024 17:15	18.51	6.66	138.39	13.02	18.87	1.75	55.28	13	32.67	11.75	244.21	33.2	3.09	97.25	
14/08/2024 17:20	18.01	6.44	142.45	13.01	19.1	1.96	59.13	13	31.74	11.35	251.02	33.6	3.45	104.01	
14/08/2024 17:25	18.5	6.14	136.95	12.99	18.33	1.35	56.72	13	32.52	10.8	240.73	32.23	2.38	99.75	
14/08/2024 17:30	17.94	5.79	132.3	12.99	19.46	2.02	58.64	13	31.51	10.16	232.36	34.25	3.56	103.21	
14/08/2024 17:35	18.07	6.11	136.44	12.99	19.75	2.23	61.77	13	31.77	10.74	239.89	34.76	3.92	108.73	
14/08/2024 17:40	18.83	6.3	138.48	13	18.1	1.23	57.22	13.01	33.13	11.09	243.71	31.9	2.17	100.85	
14/08/2024 17:45	18.61	5.72	133.32	12.99	18.18	1.15	56.67	13.01	32.72	10.07	234.4	32.03	2.03	99.83	
14/08/2024 17:50	17.66	5.84	135.83	13	17.94	1.11	59.11	13.01	31.06	10.27	238.86	31.59	1.95	104.08	
14/08/2024 17:55	18.08	6.24	136.92	13	17.51	1.05	54	13	31.82	10.98	241.01	30.8	1.85	95.02	
14/08/2024 18:00	18.18	6.41	137.02	13.02	18.35	1.43	50.41	12.99	32.08	11.31	241.8	32.26	2.51	88.61	
14/08/2024 18:05	17.78	6.56	142.62	13.05	18.5	1.75	55.06	13	31.46	11.61	252.38	32.53	3.08	96.88	
14/08/2024 18:10	18.14	6.58	142.95	13.05	18.14	1.13	50.5	12.99	32.12	11.65	253.08	31.87	1.98	88.74	
14/08/2024 18:15	18.39	6.47	139.09	13.04	18.27	1.39	50.73	12.99	32.53	11.44	246.03	32.11	2.45	89.17	
14/08/2024 18:20	18.17	6.7	141.72	13.04	18.36	1.65	54.97	13	32.15	11.85	250.74	32.29	2.9	96.7	
14/08/2024 18:25	18.16	6.77	141.58	13.04	18.24	1.1	49.59	12.99	32.12	11.98	250.49	32.03	1.93	87.1	
14/08/2024 18:30	18.26	6.58	139.54	13.04	18.12	1.25	53.75	13.01	32.27	11.63	246.66	31.91	2.21	94.64	
14/08/2024 18:35	18.02	6.87	142.45	13.04	18.08	1.48	57.44	13.01	31.88	12.15	252.07	31.84	2.61	101.2	
14/08/2024 18:40	18.14	6.89	142.69	13.05	18.39	1.54	57.65	13.03	32.13	12.21	252.71	32.48	2.73	101.82	
14/08/2024 18:45	18.32	6.71	138.82	13.04	18.34	1.36	54.33	13.02	32.41	11.87	245.64	32.35	2.4	95.8	
14/08/2024 18:50	18.07	6.82	142.99	13.05	18.11	1.25	56.09	13.01	31.99	12.07	253.13	31.92	2.21	98.9	
14/08/2024 18:55	18.58	7	142.56	13.06	18.29	1.57	55.16	13.03	32.92	12.41	252.64	32.29	2.77	97.38	
14/08/2024 19:00	18.61	6.99	139.44	13.05	18.74	2	55.59	13.03	32.94	12.37	246.89	33.09	3.53	98.14	
14/08/2024 19:05	18.02	6.76	143.68	13.04	18.78	2.29	59.03	13.03	31.88	11.97	254.24	33.17	4.04	104.24	
14/08/2024 19:10	18.48	6.97	143.23	13.05	18.44	1.54	54.61	13.02	32.71	12.34	253.47	32.54	2.72	96.38	
14/08/2024 19:15	18.38	6.77	140.11	13.05	18.3	1.7	55.53	13.03	32.52	11.99	247.95	32.32	3.01	98.06	
14/08/2024 19:20	18.19	6.97	144.41	13.05	18.04	1.69	58.8	13.03	32.22	12.35	255.84	31.85	2.99	103.83	
14/08/2024 19:25	18.44	6.97	143.94	13.05	18	1.19	55.11	13.02	32.67	12.35	255.02	31.75	2.1	97.25	
14/08/2024 19:30	18.41	6.77	140.59	13.05	18.08	1.44	55.3	13.02	32.6	11.99	248.93	31.9	2.54	97.55	
14/08/2024 19:35	17.78	6.94	142.95	13.05	17.8	1.66	59	13.02	31.51	12.3	253.26	31.4	2.93	104.11	
14/08/2024 19:40	18.17	7.28	144.28	13.06	18.08	1.45	56.17	13.03	32.22	12.91	255.78	31.94	2.56	99.21	
14/08/2024 19:45	18.2	6.87	139.89	13.05	18.69	1.81	55.33	13.03	32.24	12.17	247.8	33.01	3.19	97.71	
14/08/2024 19:50	18.03	7.01	144.12	13.06	18.86	2.12	58.31	13.03	31.95	12.42	255.4	33.32	3.75	103.01	
14/08/2024 19:55	18.86	7.36	143.48	13.06	18.38	1.73	55.95	13.04	33.45	13.06	254.47	32.5	3.06	98.93	
14/08/2024 20:00	18.61	6.95	140.21	13.06	18.33	1.71	55.51	13.04	32.99	12.31	248.56	32.41	3.02	98.12	
14/08/2024 20:05	18.27	6.85	143.13	13.06	18.3	1.92	58.62	13.04	32.39	12.15	253.71	32.35	3.39	103.64	
14/08/2024 20:10	18.55	6.99	143.84	13.06	18.12	1.29	55.4	13.03	32.89	12.39	255.06	32.02	2.28	97.89	
14/08/2024 20:15	18.53	6.89	139.75	13.06	18.03	1.66	55.29	13.04	32.83	12.21	247.66	31.88	2.94		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
14/08/2024 21:45	18.15	6.54	137.65	13.07	18.18	1.33	53.33	13.04	32.2	11.6	244.27	32.15	2.35	94.29	
14/08/2024 21:50	18.21	7.04	142.66	13.08	17.65	1.29	56.23	13.04	32.36	12.51	253.5	31.19	2.27	99.42	
14/08/2024 21:55	18.17	6.89	141.06	13.08	18.08	1.32	55.48	13.05	32.3	12.25	250.73	32.01	2.33	98.21	
14/08/2024 22:00	17.89	6.65	138.94	13.07	18.61	1.94	55.19	13.05	31.76	11.8	246.66	32.93	3.44	97.68	
14/08/2024 22:05	18.04	7.02	143.77	13.07	18.4	2.19	58.39	13.05	32.02	12.45	255.17	32.58	3.88	103.37	
14/08/2024 22:10	18.67	7.33	144.91	13.07	18.59	1.72	54.29	13.04	33.15	13.02	257.3	32.88	3.05	96.04	
14/08/2024 22:15	18.56	6.86	140.06	13.06	18.9	1.74	53.95	13.04	32.93	12.17	248.43	33.42	3.08	95.38	
14/08/2024 22:20	18.33	6.98	142.47	13.06	19.02	1.87	56.96	13.04	32.51	12.37	252.6	33.62	3.3	100.73	
14/08/2024 22:25	18.38	7.28	142.73	13.06	18.31	1.77	55.92	13.04	32.59	12.92	253.14	32.36	3.13	98.86	
14/08/2024 22:30	18.29	6.86	138.26	13.05	18.67	1.67	55.04	13.03	32.41	12.16	244.95	32.97	2.96	97.21	
14/08/2024 22:35	17.98	6.92	142.8	13.05	18.41	1.64	56.94	13.03	31.85	12.26	253.01	32.5	2.9	100.54	
14/08/2024 22:40	18.61	7.03	140.44	13.06	18.14	1.59	54.24	13.04	32.98	12.47	248.87	32.06	2.82	95.86	
14/08/2024 22:45	18.23	6.77	138.25	13.06	18.29	1.81	55.07	13.04	32.3	12	244.97	32.32	3.19	97.33	
14/08/2024 22:50	18.09	6.94	143.31	13.06	18.47	2.22	61.42	13.04	32.08	12.31	254.14	32.65	3.92	108.61	
14/08/2024 22:55	18.66	6.93	143.86	13.07	17.73	1.2	54.15	13.03	33.1	12.29	255.24	31.32	2.12	95.67	
14/08/2024 23:00	18.6	6.69	139.06	13.06	18.49	1.79	53.99	13.04	32.99	11.86	246.62	32.7	3.17	95.47	
14/08/2024 23:05	18.35	6.99	143.08	13.07	18.52	2.07	58.34	13.04	32.56	12.41	253.93	32.75	3.66	103.21	
14/08/2024 23:10	18.25	7.11	143.88	13.07	18.05	1.23	53.68	13.03	32.39	12.63	255.37	31.88	2.18	94.83	
14/08/2024 23:15	18.38	6.81	138.74	13.06	18.72	2.02	53.02	13.03	32.59	12.08	246.03	33.09	3.57	93.7	
14/08/2024 23:20	18.23	7.17	143.19	13.07	18.75	2.35	55.76	13.04	32.35	12.73	254.09	33.14	4.15	98.6	
14/08/2024 23:25	18.13	7.39	144.48	13.07	18.37	1.58	54.16	13.04	32.18	13.13	256.5	32.49	2.79	95.79	
14/08/2024 23:30	18.13	6.85	139.92	13.06	18.82	1.73	54.33	13.04	32.15	12.15	248.17	33.29	3.06	96.08	
14/08/2024 23:35	18.19	6.86	141.33	13.07	18.86	1.84	57.63	13.04	32.28	12.18	250.81	33.35	3.26	101.96	
14/08/2024 23:40	18.27	7.13	141.92	13.07	18.28	1.6	53.03	13.04	32.44	12.66	252.05	32.34	2.83	93.83	
14/08/2024 23:45	18.45	6.83	139.17	13.07	19	2.03	53.44	13.05	32.74	12.13	246.94	33.63	3.6	94.58	
14/08/2024 23:50	18.07	6.77	141.71	13.06	19.09	2.27	57.75	13.05	32.05	12.01	251.39	33.78	4.02	102.24	
14/08/2024 23:55	18.45	6.82	140.45	13.06	18.24	1.43	53.38	13.04	32.73	12.09	249.15	32.25	2.53	94.39	
15/08/2024 00:00	18.45	6.76	137.85	13.06	18.91	2.06	53.72	13.04	32.71	11.99	244.41	33.44	3.65	95	
15/08/2024 00:05	18.29	6.92	142.58	13.06	19.04	2.42	56.93	13.04	32.43	12.27	252.81	33.67	4.28	100.71	
15/08/2024 00:10	18.33	7.05	143.44	13.06	18.48	1.69	54.42	13.04	32.51	12.5	254.39	32.67	2.98	96.19	
15/08/2024 00:15	18.29	6.67	138.12	13.06	18.69	1.76	52.93	13.03	32.42	11.83	244.9	33.03	3.11	93.55	
15/08/2024 00:20	18.35	7	141.95	13.07	18.55	1.71	55.79	13.03	32.57	12.43	251.99	32.78	3.03	98.61	
15/08/2024 00:25	18.78	7.19	142.14	13.07	18.44	1.73	54.29	13.04	33.36	12.77	252.44	32.63	3.06	96.05	
15/08/2024 00:30	18.63	6.74	137.96	13.07	18.62	1.69	53.18	13.04	33.05	11.96	244.79	32.92	2.98	94.04	
15/08/2024 00:35	18.22	7	141.16	13.07	18.58	1.72	55.88	13.04	32.36	12.43	250.73	32.84	3.04	98.79	
15/08/2024 00:40	18.83	7.19	140.09	13.08	18.13	1.61	54.09	13.05	33.46	12.78	248.96	32.11	2.85	95.79	
15/08/2024 00:45	18.78	6.81	137.27	13.07	18.9	2.02	53.83	13.05	33.34	12.09	243.73	33.46	3.58	95.31	
15/08/2024 00:50	18.13	6.83	140.87	13.07	19.01	2.27	56.79	13.05	32.19	12.13	250.04	33.65	4.01	100.57	
15/08/2024 00:55	19.08	7.25	142.8	13.07	18.27	1.61	53.33	13.04	33.88	12.88	253.61	32.32	2.85	94.35	
15/08/2024 01:00	18.76	6.69	136.82	13.07	18.7	1.88	53.23	13.05	33.29	11.88	242.82	33.1	3.33	94.21	
15/08/2024 01:05	18.26	6.77	139.9	13.07	18.75	2.08	56.21	13.05	32.41	12.02	248.32	33.18	3.67	99.5	
15/08/2024 01:10	18.61	6.86	139.44	13.07	18.43	1.71	55.18	13.04	33.02	12.18	247.44	32.6	3.02	97.6	
15/08/2024 01:15	18.65	6.63	136.05	13.06	18.54	1.7	54.02	13.04	33.07	11.76	241.26	32.78	3	95.5	
15/08/2024 01:20	18.38	6.68	139.16	13.06	18.92	2.01	57.11	13.04	32.59	11.84	246.79	33.46	3.55	101.01	
15/08/2024 01:25	18.77	6.82	138.77	13.06	18.39	1.42	52.9	13.03	33.27	12.09	246.06	32.5	2.51	93.48	
15/08/2024 01:30	18.69	6.58	134.26	13.06	18.79	1.79	51.92	13.03	33.13	11.67	238	33.19	3.16	91.71	
15/08/2024 01:35	18.42	6.84	139.19	13.07	18.96	2.14	55.31	13.03	32.7	12.14	247.06	33.5	3.78	97.76	
15/08/2024 01:40	18.78	7.05	139.64	13.07	18.42	1.56	51.92	13.04	33.36	12.52	248	32.59	2.77	91.86	
15/08/2024 01:45	18.62	6.75	138.73	13.07	18.54	1.8	52.93	13.04	33.04	11.97	246.16	32.8	3.19	93.66	
15/08/2024 01:50	18.42	6.93	140.76	13.07	18.54	1.98	55.9	13.05	32.72	12.3	249.98	32.82	3.5	98.97	
15/08/2024 01:55	18.83	7.02	139.66	13.08	18.31	1.89	53.72	13.06	33.47	12.48	248.28	32.44	3.36	95.2	
15/08/2024 02:00	18.77	6.85	136.97	13.08	19	2.12	53.2	13.06	33.35	12.17	243.41	33.67	3.76	94.29	
15/08/2024 02:05	18.27	7.08	141.57	13.09	19.05	2.25	56.17	13.06	32.5	12.6	251.84	33.76	4	99.58	
15/08/2024 02:10	18.14	7.22	142.64	13.09	18.35	1.94	54.36	13.07	32.3	12.86	253.99	32.57	3.45	96.48	
15/08/2024 02:15	18.29	6.97	138.01	13.09	18.63	2.34	54.38	13.07	32.55	12.4	245.7	33.1	4.15	96.59	
15/08/2024 02:20	18.07	7.19	141.85	13.1	18.6	2.54	57.4	13.08	32.21	12.81	252.85	33.04	4.51	102	
15/08/2024 02:25	18.08	7.22	141.38	13.1	18.21	1.93	54.99	13.08	32.24	12.88	252.09	32.37	3.43	97.78	
15/08/2024 02:30	18.24	6.98	137.94	13.1	18.44	2.25	54.88	13.08	32.51	12.44	245.87	32.79	4	97.57	
15/08/2024 02:35	18.19	7.26	141.32	13.11	18.41	2.55	59.6	13.08	32.45	12.95	252.17	32.73	4.54	105.98	
15/08/2024 02:40	18.25	7.24	141.31	13.11	18.1	1.84	54.75	13.08	32.56	12.91	252.13	32.17	3.27	97.33	
15/08/2024 02:45	18.24	7.01	138.45	13.1	18.08	2.18	54.7	13.08	32.51	12.5	246.77	32.12	3.87	97.17	
15/08/2024 02:50	18.18	7.39	142.36	13.1	17.88	2.38	56.07	13.07	32.41	13.18	253.82	31.75	4.22	99.6	
15/08/2024 02:55	18.63	7.41	142.09	13.11	18.28	1.96	54.4	13.08	33.23	13.22	253.52	32.48	3.48	96.65	
15/08/2024 03:00	18.52	6.91	136.58	13.1	18.52	2.19	53.34	13.07	33.01	12.31	243.39	32.89	3.89	94.7	
15/08/2024 03:05	18.15	6.86	136.66	13.1	18.48	2.4	54.9	13.07	32.34	12.22	243.41	32.82	4.27	97.5	
15/08/2024 03:10	18.94	7.07	136.19	13.1	17.93	1.99	54.22	13.08	33.74	12.59	242.64	31.85	3.54	96.31	
15/08/2024 03:15	18.64	6.91	135.55	13.09	18.64	2.24	55.11	13.08	33.19	12.3	241.4	33.12	3.98	97.96	
15/08/2024 03:20	18.01	7.15	141.1	13.1	18.57	2.39	58.09	13.08	32.09	12.75	251.44	33.02	4.25	103.28	
15/08/2024 03:25	17.94	7.38	141.61	13.1	17.89	2.01	55.06	13.08	31.98	13.16	252.51	31.78	3.57	97.81	
15/08/2024 03:30	18.11	7.1	139.09	13.1	18.17	2.38	55.6	13.08	32.26	12.65	247.79	32.29	4.23	98.82	
15/08/2024 03:35	17.97	7.19	140.69	13.1	18.27	2.64	58.93	13.08	32.02	12.8	250.67	32.47	4.68	104.75	
15/08/2024 03:40	18.19	7.39	141.2	13.1	17.98	1.86	54.63	13.08	32.4	13.17	251.58	31.94	3.3	97.05	
15/08/2024 03:45	18.15	6.98	137.22	1											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
15/08/2024 05:10	18.33	7.19	139.92	13.1	17.75	1.84	55.81	13.08	32.68	12.82	249.5	31.56	3.27	99.23	
15/08/2024 05:15	18.27	7.04	135.71	13.1	18.21	2.3	56.22	13.08	32.56	12.54	241.83	32.37	4.09	99.96	
15/08/2024 05:20	18.15	7.27	139.75	13.11	18.37	2.51	59.38	13.08	32.37	12.97	249.27	32.67	4.46	105.62	
15/08/2024 05:25	18.75	7.32	140.44	13.11	17.91	1.9	54.76	13.08	33.45	13.05	250.52	31.85	3.38	97.38	
15/08/2024 05:30	18.51	6.97	137.32	13.1	18.13	2.17	55.58	13.08	32.99	12.42	244.69	32.23	3.86	98.82	
15/08/2024 05:35	18.15	7.31	141.05	13.11	18.12	2.38	58.53	13.08	32.37	13.03	251.53	32.22	4.23	104.08	
15/08/2024 05:40	18.53	7.35	140.19	13.11	17.96	1.9	56.35	13.08	33.06	13.11	250.07	31.94	3.38	100.19	
15/08/2024 05:45	18.32	6.91	137.06	13.1	18.09	2.08	55.16	13.09	32.63	12.31	244.14	32.18	3.71	98.12	
15/08/2024 05:50	18.09	7.26	140.72	13.1	18.12	2.28	58.02	13.09	32.24	12.93	250.72	32.26	4.05	103.27	
15/08/2024 05:55	18.42	7.38	139.19	13.1	17.89	1.94	56.22	13.08	32.83	13.15	248.04	31.81	3.45	99.97	
15/08/2024 06:00	18.4	6.97	136.24	13.09	18.22	2.18	55.74	13.08	32.76	12.41	242.61	32.39	3.88	99.11	
15/08/2024 06:05	18.04	7.09	140.44	13.09	18.21	2.37	58.68	13.08	32.11	12.62	250.06	32.37	4.21	104.33	
15/08/2024 06:10	18.69	7.33	140.25	13.1	17.62	2.1	56.53	13.08	33.28	13.06	249.78	31.31	3.73	100.43	
15/08/2024 06:15	17.93	7.23	138.91	13.09	17.38	2.58	61.28	13.08	31.91	12.87	247.18	30.88	4.58	108.88	
15/08/2024 06:20	16.93	7.71	145.72	13.08	17.35	2.74	67.02	13.08	30.1	13.7	259.07	30.83	4.87	119.08	
15/08/2024 06:25	17.14	8.02	148.3	13.09	16.21	2.14	62.69	13.06	30.49	14.27	263.8	28.75	3.79	111.18	
15/08/2024 06:30	16.97	7.61	143.03	13.08	16.55	2.64	62.87	13.07	30.17	13.54	254.24	29.35	4.68	111.55	
15/08/2024 06:35	17.06	7.6	142.73	13.09	16.48	2.63	64.85	13.06	30.35	13.52	253.96	29.24	4.66	115.04	
15/08/2024 06:40	17.36	7.39	140.27	13.09	16.92	2.07	58.89	13.07	30.9	13.16	249.66	30.03	3.68	104.54	
15/08/2024 06:45	17.61	6.9	134.7	13.09	17.27	2.22	56.54	13.07	31.33	12.28	239.6	30.66	3.94	100.37	
15/08/2024 06:50	17.88	7.18	138.28	13.09	17.28	2.42	59.11	13.07	31.84	12.78	246.26	30.68	4.29	104.96	
15/08/2024 06:55	18.25	7.36	137.83	13.1	17.39	1.92	56.62	13.08	32.52	13.12	245.62	30.9	3.41	100.59	
15/08/2024 07:00	18.07	6.93	135.13	13.09	17.89	2.17	56.31	13.08	32.18	12.35	240.65	31.79	3.86	100.06	
15/08/2024 07:05	17.9	7.13	137.89	13.1	17.99	2.34	59.16	13.08	31.9	12.71	245.73	31.97	4.17	105.14	
15/08/2024 07:10	18.25	7.44	139.8	13.1	17.37	1.92	56.96	13.07	32.54	13.27	249.23	30.84	3.41	101.12	
15/08/2024 07:15	18.12	7.13	135.41	13.09	17.97	2.2	56.54	13.06	32.27	12.7	241.11	31.88	3.9	100.29	
15/08/2024 07:20	17.94	7.2	140.98	13.09	17.88	2.45	59.7	13.07	31.93	12.82	251	31.72	4.36	105.94	
15/08/2024 07:25	18.58	7.28	140.27	13.1	17.62	2.02	57.26	13.07	33.09	12.97	249.81	31.26	3.58	101.6	
15/08/2024 07:30	18.34	7.04	135.63	13.09	18.09	2.3	55.72	13.06	32.64	12.53	241.38	32.09	4.08	98.83	
15/08/2024 07:35	17.92	6.89	139.16	13.09	18.22	2.53	58.41	13.06	31.88	12.25	247.52	32.32	4.49	103.62	
15/08/2024 07:40	18	6.94	138.67	13.08	17.8	1.8	56.44	13.05	32.01	12.34	246.63	31.53	3.2	99.96	
15/08/2024 07:45	18.1	6.64	133.64	13.08	18.33	2.3	56.69	13.05	32.16	11.81	237.54	32.46	4.07	100.42	
15/08/2024 07:50	17.95	7.09	139.74	13.09	18.43	2.52	59.83	13.06	31.93	12.62	248.58	32.65	4.46	106.02	
15/08/2024 07:55	18.02	7	139.3	13.08	18.1	1.83	55	13.05	32.04	12.46	247.74	32.06	3.23	97.42	
15/08/2024 08:00	18.07	6.75	136.39	13.08	18.17	2.04	55.39	13.04	32.11	11.99	242.34	32.16	3.62	98.01	
15/08/2024 08:05	18.08	7.11	140.25	13.08	18.14	2.24	58.93	13.05	32.15	12.65	249.4	32.1	3.97	104.32	
15/08/2024 08:10	18.22	7.13	139.23	13.09	18.15	1.79	55.06	13.06	32.41	12.68	247.73	32.16	3.18	97.57	
15/08/2024 08:15	18.25	6.59	133.1	13.08	18.39	1.83	53.85	13.05	32.43	11.71	236.52	32.54	3.24	95.31	
15/08/2024 08:20	18.2	6.8	137.87	13.08	18.22	1.88	56.69	13.05	32.32	12.07	244.92	32.26	3.32	100.35	
15/08/2024 08:25	18.47	7.1	138.41	13.08	18.37	1.8	52.92	13.05	32.82	12.61	245.96	32.52	3.18	93.71	
15/08/2024 08:30	18.51	6.72	134.97	13.07	18.71	2.07	53.45	13.05	32.86	11.93	239.61	33.12	3.66	94.63	
15/08/2024 08:35	18.38	6.78	138.34	13.07	18.66	2.26	56.53	13.05	32.62	12.03	245.5	33.04	4	100.09	
15/08/2024 08:40	18.31	6.75	135.45	13.07	18.22	1.69	53.37	13.04	32.5	11.99	240.42	32.22	3	94.37	
15/08/2024 08:45	18.45	6.6	133.26	13.07	18.76	2.09	53.46	13.04	32.74	11.71	236.49	33.19	3.71	94.58	
15/08/2024 08:50	18.19	6.79	138.07	13.07	18.9	2.27	56.04	13.04	32.29	12.06	245.1	33.44	4.02	99.15	
15/08/2024 08:55	18.39	6.83	136.55	13.07	18.25	1.67	54.94	13.04	32.65	12.13	242.41	32.27	2.95	97.14	
15/08/2024 09:00	18.41	6.6	133.5	13.06	18.4	1.88	54.3	13.03	32.64	11.7	236.71	32.5	3.32	95.94	
15/08/2024 09:05	18.28	6.89	138.31	13.06	18.39	2.11	57.16	13.03	32.41	12.21	245.25	32.49	3.73	101.01	
15/08/2024 09:10	18.42	6.96	137.13	13.06	18.19	1.53	55.65	13.03	32.67	12.34	243.19	32.11	2.7	98.27	
15/08/2024 09:15	18.25	6.59	134.51	13.05	18.45	1.77	55.02	13.02	32.33	11.68	238.25	32.56	3.12	97.08	
15/08/2024 09:20	18.24	6.88	138.34	13.05	18.15	1.75	58.04	13.02	32.3	12.18	244.99	32.03	3.09	102.43	
15/08/2024 09:25	18.64	6.94	137.28	13.06	18.38	1.62	54.75	13.02	33.03	12.3	243.28	32.43	2.86	96.6	
15/08/2024 09:30	18.54	6.6	134.53	13.04	18.9	1.8	54.89	13.01	32.8	11.67	237.97	33.31	3.17	96.73	
15/08/2024 09:35	18.13	6.65	138.83	13.03	18.97	1.97	57.86	13.01	32.03	11.75	245.27	33.42	3.47	101.96	
15/08/2024 09:40	18.28	6.93	138.73	13.03	18.49	1.6	54.46	13.01	32.3	12.24	245.12	32.57	2.82	95.92	
15/08/2024 09:45	18.48	6.68	135.74	13.03	18.59	1.66	54.07	13	32.62	11.79	239.6	32.7	2.92	95.12	
15/08/2024 09:50	18.2	6.43	136.8	13.02	18.46	1.7	56.59	13	32.12	11.34	241.34	32.47	2.99	99.54	
15/08/2024 09:55	18.36	6.61	138.38	13.02	18.51	1.38	53.56	12.99	32.39	11.66	244.1	32.53	2.43	94.11	
15/08/2024 10:00	18.47	6.49	136.33	13.01	18.37	1.46	53.9	12.98	32.56	11.44	240.28	32.25	2.56	94.63	
15/08/2024 10:05	18.4	6.71	138.78	13.02	18.3	1.65	56.62	12.98	32.44	11.83	244.7	32.13	2.9	99.43	
15/08/2024 10:10	18.38	7.08	141.33	13.02	18.09	1.36	54.61	12.99	32.42	12.49	249.36	31.79	2.39	95.94	
15/08/2024 10:15	18.61	6.7	136.17	13.01	18.49	1.54	54.68	12.98	32.78	11.8	239.85	32.45	2.7	95.95	
15/08/2024 10:20	18.15	6.55	139.95	12.99	18.45	1.68	57.86	12.98	31.9	11.52	245.98	32.37	2.94	101.51	
15/08/2024 10:25	18.64	6.72	139.11	12.99	18.06	1.2	55.63	12.96	32.76	11.81	244.47	31.61	2.09	97.36	
15/08/2024 10:30	18.52	6.63	137.1	12.98	18.25	1.44	57.17	12.95	32.51	11.64	240.69	31.92	2.52	100.01	
15/08/2024 10:35	18.06	6.76	139.98	12.99	18.3	1.65	60.54	12.95	31.74	11.88	245.98	32.02	2.89	105.93	
15/08/2024 10:40	18.55	6.88	139.92	13	18.46	1.79	56.75	12.97	32.61	12.1	246.05	32.36	3.13	99.46	
15/08/2024 10:45	18.75	6.77	137.18	12.99	18.3	1.62	56.36	12.96	32.95	11.89	241.04	32.05	2.84	98.72	
15/08/2024 10:50	18.26	6.57	139.34	12.98	18.55	1.95	59.28	12.97	32.07	11.54	244.69	32.5	3.41	103.87	
15/08/2024 10:55	18.38	6.94	140.05	12.99	18.72	1.54	55.98	12.95	32.27	12.19	245.97	32.74	2.7	97.91	
15/08/2024 11:00	18.57	6.61	136.77	12.97	18.45	1.28	55.23	12.94	32.55	11.59	239.82	32.21	2.24	96.41	
15/08/2024 11:05	18.18	6.31	139.56	12.96	18.5	1.51	58.04	12.94	31.81	11.05</					



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
15/08/2024 12:35	18.17	6.28	141.76	12.93	19.08	1.5	60.37	12.91	31.68	10.94	247.12	33.17	2.61	104.98	
15/08/2024 12:40	18.28	6.39	143.09	12.93	18.13	1.21	57.59	12.9	31.87	11.15	249.45	31.52	2.11	100.1	
15/08/2024 12:45	18.46	6.54	140.93	12.93	18.33	1.32	57.26	12.91	32.19	11.42	245.8	31.87	2.3	99.55	
15/08/2024 12:50	18.24	6.64	142.07	12.95	18.43	1.52	60.09	12.91	31.88	11.61	248.33	32.06	2.65	104.54	
15/08/2024 12:55	18.47	6.8	143.06	12.95	18.61	1.5	57.53	12.93	32.31	11.9	250.28	32.45	2.62	100.32	
15/08/2024 13:00	18.77	6.6	138.82	12.95	18.8	1.44	57.1	12.92	32.81	11.55	242.71	32.76	2.5	99.52	
15/08/2024 13:05	18.39	6.52	141.44	12.95	18.84	1.42	56.63	12.93	32.17	11.41	247.33	32.84	2.48	98.69	
15/08/2024 13:10	18.64	6.64	140.94	12.95	19.03	1.72	59.01	12.92	32.6	11.62	246.47	33.17	3	102.83	
15/08/2024 13:15	18.67	6.43	138.52	12.94	18.36	1.25	58.05	12.91	32.61	11.23	241.92	31.95	2.18	101.02	
15/08/2024 13:20	18.43	6.57	142.03	12.93	18.24	1.41	61.06	12.91	32.17	11.46	247.84	31.73	2.46	106.26	
15/08/2024 13:25	18.22	6.52	141.66	12.94	18.84	1.69	59.38	12.91	31.8	11.38	247.24	32.77	2.93	103.29	
15/08/2024 13:30	18.32	6.21	137.92	12.92	18.37	1.28	58.29	12.9	31.92	10.83	240.38	31.9	2.23	101.24	
15/08/2024 13:35	18.27	6.39	140.92	12.92	18.35	1.43	61.09	12.9	31.82	11.13	245.51	31.87	2.49	106.11	
15/08/2024 13:40	18.09	6.17	139.77	12.92	18.07	1.2	58.91	12.89	31.52	10.76	243.51	31.37	2.09	102.27	
15/08/2024 13:45	18.25	6.2	136.57	12.92	17.82	0.98	58.72	12.89	31.79	10.79	237.85	30.93	1.7	101.91	
15/08/2024 13:50	18.04	6.4	140.31	12.93	17.9	1.22	61.41	12.89	31.47	11.17	244.75	31.08	2.12	106.64	
15/08/2024 13:55	18.44	6.64	140.14	12.94	18.24	1.44	58.23	12.92	32.21	11.61	244.83	31.76	2.5	101.38	
15/08/2024 14:00	18.52	6.51	136.32	12.94	17.93	1.47	59.5	12.91	32.34	11.37	238.02	31.21	2.56	103.54	
15/08/2024 14:05	18.45	6.46	140.28	12.94	17.87	1.68	62.5	12.91	32.2	11.28	244.88	31.11	2.93	108.79	
15/08/2024 14:10	18.28	6.43	138.97	12.95	18.44	1.48	58.65	12.91	31.94	11.23	242.83	32.07	2.57	102.02	
15/08/2024 14:15	18.3	6.24	136.59	12.93	17.77	0.91	58.53	12.9	31.92	10.88	238.28	30.86	1.57	101.63	
15/08/2024 14:20	18.01	6.46	141.7	12.94	17.71	1.14	61.84	12.9	31.44	11.28	247.33	30.76	1.99	107.44	
15/08/2024 14:25	18.33	6.66	140.67	12.94	18.01	1.37	58.5	12.92	32.01	11.63	245.71	31.37	2.39	101.88	
15/08/2024 14:30	18.52	6.55	136.5	12.94	18.11	1.59	58.53	12.92	32.35	11.44	238.5	31.56	2.77	101.99	
15/08/2024 14:35	18.07	6.52	141.33	12.95	18.1	1.8	61.41	12.92	31.6	11.41	247.2	31.55	3.14	107.04	
15/08/2024 14:40	18.42	6.49	139.83	12.96	18.43	1.58	59.98	12.93	32.23	11.35	244.67	32.12	2.75	104.56	
15/08/2024 14:45	18.36	6.16	135.56	12.94	18.01	1.02	59.01	12.91	32.06	10.76	236.79	31.33	1.77	102.65	
15/08/2024 14:50	17.86	6.28	139.81	12.94	18.14	1.22	62.27	12.91	31.17	10.95	244.03	31.56	2.12	108.36	
15/08/2024 14:55	17.81	6.5	138.69	12.94	17.74	1.39	58.28	12.92	31.11	11.36	242.25	30.9	2.42	101.53	
15/08/2024 15:00	18.12	6.36	135.37	12.94	17.94	1.44	58.68	12.92	31.66	11.11	236.54	31.27	2.51	102.26	
15/08/2024 15:05	17.98	6.41	140.99	12.95	18.03	1.63	61.78	12.93	31.46	11.22	246.62	31.44	2.85	107.71	
15/08/2024 15:10	18.16	6.64	142.2	12.96	18.42	1.46	57.51	12.92	31.78	11.63	248.88	32.11	2.54	100.22	
15/08/2024 15:15	18.35	6.39	138.59	12.94	18.43	1.07	56.79	12.91	32.06	11.17	242.18	32.08	1.86	98.81	
15/08/2024 15:20	17.92	6.07	138.95	12.94	18.43	1.13	58.79	12.91	31.27	10.6	242.52	32.06	1.97	102.29	
15/08/2024 15:25	18.14	6.17	138.13	12.94	17.83	1.24	57.81	12.91	31.67	10.78	241.12	31.04	2.17	100.62	
15/08/2024 15:30	18.25	6.24	135.54	12.94	17.82	1.23	57.34	12.91	31.86	10.89	236.61	31.01	2.13	99.77	
15/08/2024 15:35	17.89	6.29	138.54	12.94	17.9	1.4	60.36	12.91	31.25	10.99	241.99	31.15	2.44	105.06	
15/08/2024 15:40	17.94	6.46	138.39	12.95	18.23	1.47	56.97	12.92	31.35	11.28	241.87	31.75	2.56	99.18	
15/08/2024 15:45	18.21	6.12	133.03	12.93	17.81	1.08	56.59	12.9	31.78	10.68	232.16	30.96	1.88	98.37	
15/08/2024 15:50	17.74	6.18	139.09	12.93	17.77	1.29	59.55	12.9	30.94	10.78	242.63	30.89	2.24	103.55	
15/08/2024 15:55	17.41	6.49	139.2	12.94	17.79	1.5	59.28	12.91	30.39	11.33	243.05	30.96	2.61	103.18	
15/08/2024 16:00	17.99	6.39	135.34	12.94	17.99	1.45	57.92	12.92	31.42	11.16	236.34	31.32	2.52	100.85	
15/08/2024 16:05	17.87	6.34	138.47	12.95	17.95	1.62	60.53	12.92	31.23	11.09	241.98	31.25	2.82	105.43	
15/08/2024 16:10	18.22	6.39	139.2	12.95	18.02	1.46	58.63	12.92	31.87	11.18	243.48	31.37	2.54	102.1	
15/08/2024 16:15	18.23	6.35	136.85	12.94	17.48	1.1	58.87	12.91	31.84	11.09	239.07	30.41	1.92	102.38	
15/08/2024 16:20	17.81	6.48	140.76	12.94	17.46	1.31	62.16	12.91	31.12	11.32	245.94	30.38	2.27	108.15	
15/08/2024 16:25	18.14	6.8	141.42	12.95	18.04	1.36	56.46	12.93	31.71	11.89	247.22	31.45	2.37	98.41	
15/08/2024 16:30	18.53	6.56	134.95	12.95	18.41	1.31	54.79	12.92	32.38	11.47	235.83	32.08	2.28	95.49	
15/08/2024 16:35	18.13	6.03	137.97	12.95	18.62	1.43	56.88	12.92	31.69	10.54	241.15	32.44	2.49	99.13	
15/08/2024 16:40	18.39	6.19	138.48	12.95	17.76	1.1	55.57	12.92	32.15	10.82	242.08	30.93	1.91	96.78	
15/08/2024 16:45	18.36	6.21	135.79	12.95	17.89	1.29	56.05	12.92	32.09	10.86	237.35	31.16	2.25	97.61	
15/08/2024 16:50	18.11	6.45	139.51	12.96	17.92	1.48	59.11	12.92	31.71	11.29	244.26	31.21	2.59	102.99	
15/08/2024 16:55	18.36	6.55	138.81	12.97	18.24	1.36	55.1	12.94	32.18	11.48	243.33	31.85	2.38	96.19	
15/08/2024 17:00	18.59	6.43	135.82	12.96	18.51	1.49	54.92	12.94	32.56	11.26	237.87	32.3	2.6	95.85	
15/08/2024 17:05	18.04	6.15	139.49	12.96	18.59	1.75	58.1	12.94	31.57	10.77	244.07	32.46	3.06	101.45	
15/08/2024 17:10	18.17	6.32	138.45	12.96	17.98	1.16	55.26	12.93	31.8	11.05	242.31	31.35	2.02	96.36	
15/08/2024 17:15	18.35	6.23	135.09	12.95	18.04	1.36	55.91	12.93	32.11	10.9	236.34	31.45	2.37	97.49	
15/08/2024 17:20	18.2	6.39	139.68	12.96	17.89	1.49	58.94	12.93	31.87	11.19	244.57	31.2	2.6	102.79	
15/08/2024 17:25	18.52	6.64	138.64	12.96	17.74	1.01	56.05	12.93	32.42	11.63	242.74	30.94	1.76	97.75	
15/08/2024 17:30	18.37	6.03	130.85	12.93	17.75	1.08	55.84	12.92	32.04	10.53	228.25	30.93	1.89	97.29	
15/08/2024 17:35	18.03	5.75	133.37	12.91	17.48	0.91	58.47	12.92	31.38	10.01	232.13	30.46	1.58	101.86	
15/08/2024 17:40	18.3	5.91	133.22	12.92	17.93	1.26	56.7	12.94	31.86	10.29	231.97	31.28	2.2	98.95	
15/08/2024 17:45	18.42	5.76	131.35	12.92	18.41	1.64	55.85	12.94	32.08	10.03	228.72	32.13	2.86	97.49	
15/08/2024 17:50	17.85	5.51	132.54	12.92	18.53	1.89	58.94	12.94	31.08	9.59	230.76	32.34	3.3	102.9	
15/08/2024 17:55	18.36	5.94	132.86	12.94	17.83	0.99	49.43	12.91	32.07	10.38	232.11	31.02	1.72	85.99	
15/08/2024 18:00	18.47	6.18	133.02	12.95	18.32	1.36	49.32	12.91	32.3	10.82	232.72	31.89	2.38	85.84	
15/08/2024 18:05	18.08	6.57	140.53	12.97	18.45	1.62	52.47	12.92	31.71	11.53	246.47	32.12	2.83	91.39	
15/08/2024 18:10	18.08	6.58	139.86	12.98	18.09	1.1	50.21	12.92	31.72	11.55	245.4	31.5	1.92	87.43	
15/08/2024 18:15	18.28	6.42	136.43	12.97	17.88	1.01	49.81	12.91	32.04	11.25	239.18	31.11	1.76	86.67	
15/08/2024 18:20	18.1	6.59	139.34	12.98	17.95	1.21	52.52	12.91	31.75	11.55	244.41	31.24	2.11	91.43	
15/08/2024 18:25	18.83	6.82	141.02	12.98	18.08	1.34	56.19	12.95	33.05	11.96	247.53	31.61	2.35	98.23	
15/08/2024 18:30	18.61	6.55	138.11	12.97											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
15/08/2024 20:00	18.46	6.67	138.6	12.98	18.55	1.83	56.57	12.96	32.42	11.71	243.42	32.48	3.21	99.08	
15/08/2024 20:05	18.02	6.74	143.28	12.99	18.69	1.89	56.25	12.96	31.66	11.85	251.66	32.73	3.31	98.5	
15/08/2024 20:10	18.3	6.89	142.02	12.99	18.02	1.58	57.91	12.96	32.14	12.11	249.48	31.55	2.76	101.42	
15/08/2024 20:15	18.43	6.78	139.47	12.99	18.42	1.75	55.53	12.96	32.38	11.91	245.02	32.26	3.07	97.26	
15/08/2024 20:20	18.05	6.72	141.51	12.99	18.65	2.1	58.36	12.97	31.71	11.81	248.64	32.68	3.67	102.27	
15/08/2024 20:25	18.64	6.88	142.64	12.99	18.16	1.62	57.23	12.96	32.75	12.09	250.63	31.8	2.84	100.22	
15/08/2024 20:30	18.48	6.7	139.56	12.99	18.21	1.61	56.98	12.96	32.46	11.77	245.14	31.88	2.82	99.79	
15/08/2024 20:35	18.04	6.91	142.83	13	18.3	1.78	60.29	12.96	31.73	12.16	251.21	32.04	3.12	105.61	
15/08/2024 20:40	18.08	7.11	144.31	13	18	1.54	57.34	12.97	31.81	12.52	253.92	31.56	2.7	100.51	
15/08/2024 20:45	18.15	6.69	139.3	12.99	18.24	1.72	57.17	12.97	31.91	11.76	244.86	31.96	3.01	100.2	
15/08/2024 20:50	18.15	6.97	142.34	13	18.16	1.56	56.98	12.97	31.93	12.27	250.39	31.81	2.74	99.85	
15/08/2024 20:55	18.25	7.11	139.94	13	18.19	1.81	59.07	12.98	32.1	12.51	246.17	31.92	3.18	103.65	
15/08/2024 21:00	18.34	6.72	137.71	12.99	18.42	1.63	55.51	12.97	32.24	11.81	242.12	32.3	2.85	97.31	
15/08/2024 21:05	18.04	6.8	142.55	13	18.39	1.89	58.61	12.97	31.73	11.95	250.69	32.24	3.32	102.76	
15/08/2024 21:10	18.25	7.03	142.36	13	18.09	1.59	56.39	12.97	32.09	12.37	250.33	31.72	2.79	98.87	
15/08/2024 21:15	18.33	6.77	139.57	12.99	18.43	1.67	55.44	12.97	32.23	11.91	245.4	32.31	2.92	97.17	
15/08/2024 21:20	18.26	6.84	142.74	13	18.17	1.65	58.19	12.97	32.12	12.03	251.13	31.85	2.89	102	
15/08/2024 21:25	18.13	7.08	144.11	13	18.02	1.52	56.25	12.97	31.9	12.47	253.66	31.6	2.66	98.65	
15/08/2024 21:30	18.29	6.88	138.16	13	18.29	1.93	56.65	12.98	32.18	12.1	243.09	32.09	3.38	99.39	
15/08/2024 21:35	18.15	7.01	141.82	13.01	18.47	2.23	59.67	12.98	31.98	12.36	249.85	32.43	3.92	104.76	
15/08/2024 21:40	18.67	7.16	142.72	13.02	18.15	1.52	56.55	12.99	32.92	12.62	251.61	31.87	2.66	99.31	
15/08/2024 21:45	18.48	6.84	139.45	13.01	18.03	1.72	56.52	12.98	32.54	12.05	245.58	31.65	3.02	99.21	
15/08/2024 21:50	18.18	6.93	142.41	13.01	17.89	1.67	56.75	12.98	32.02	12.21	250.82	31.4	2.94	99.6	
15/08/2024 21:55	18.55	7.16	143.09	13.01	17.91	1.71	59.35	12.99	32.69	12.62	252.22	31.45	3.01	104.25	
15/08/2024 22:00	18.39	6.67	138.01	13	18.19	1.6	56.54	12.98	32.38	11.75	242.96	31.94	2.82	99.26	
15/08/2024 22:05	18.1	6.84	142.1	13	17.97	1.61	59.5	12.98	31.85	12.04	250.09	31.55	2.82	104.45	
15/08/2024 22:10	18.55	6.91	139.61	13.01	18.33	1.8	56.84	12.98	32.66	12.17	245.84	32.17	3.17	99.77	
15/08/2024 22:15	18.52	6.81	136.42	13	18.47	1.93	56.03	12.98	32.59	11.99	240.11	32.41	3.38	98.33	
15/08/2024 22:20	18.11	6.8	142.34	13	18.48	1.94	55.83	12.98	31.87	11.96	250.44	32.44	3.4	97.98	
15/08/2024 22:25	18.53	6.85	140.25	13	17.73	1.51	59.42	12.97	32.61	12.05	246.82	31.08	2.66	104.21	
15/08/2024 22:30	18.54	6.8	138.84	13	18.43	2.04	56.39	12.98	32.61	11.97	244.26	32.34	3.57	98.95	
15/08/2024 22:35	18.19	7.03	143.3	13.01	18.42	2.26	58.94	12.98	32.04	12.38	252.39	32.32	3.97	103.45	
15/08/2024 22:40	18.2	7.11	143.5	13.01	18.23	1.63	57.08	12.98	32.07	12.53	252.84	32.01	2.86	100.21	
15/08/2024 22:45	18.34	6.77	139.3	13	18.27	1.69	56.87	12.98	32.28	11.91	245.2	32.07	2.97	99.82	
15/08/2024 22:50	18.16	6.93	141.49	13.01	18.39	1.91	59.49	12.98	31.99	12.2	249.23	32.28	3.35	104.46	
15/08/2024 22:55	18.36	7.05	140.33	13.01	17.99	1.67	58	12.99	32.35	12.42	247.3	31.6	2.93	101.89	
15/08/2024 23:00	18.42	6.81	140.5	13	18.87	1.84	56.99	12.98	32.43	11.99	247.34	33.12	3.24	100.04	
15/08/2024 23:05	18	6.93	142.96	13.01	19.04	1.79	59.1	12.98	31.69	12.21	251.73	33.41	3.15	103.74	
15/08/2024 23:10	17.95	7.03	142.08	13.01	18.06	1.79	57.75	12.98	31.62	12.39	250.23	31.72	3.14	101.41	
15/08/2024 23:15	18.18	6.85	139.63	13.01	17.96	1.74	57.47	12.99	32.01	12.06	245.86	31.55	3.05	100.95	
15/08/2024 23:20	18.08	7.05	143.8	13.01	17.77	1.78	60.24	12.99	31.84	12.42	253.29	31.22	3.13	105.82	
15/08/2024 23:25	18.33	7.32	143.83	13.01	18.14	1.71	58.72	12.98	32.28	12.89	253.32	31.83	3	103.03	
15/08/2024 23:30	18.44	7.08	140.52	13	18.36	2.25	58.63	12.98	32.45	12.47	247.34	32.23	3.95	102.9	
15/08/2024 23:35	18.14	7.08	143.21	13.01	18.35	2.59	62.13	12.98	31.96	12.48	252.27	32.21	4.55	109.09	
15/08/2024 23:40	18.42	7.14	142.97	13.01	18.3	1.63	57.17	12.98	32.47	12.59	252	32.12	2.86	100.37	
15/08/2024 23:45	18.43	7.02	141.84	13	18.37	1.78	59.21	12.98	32.44	12.36	249.7	32.23	3.11	103.88	
15/08/2024 23:50	18.12	7.48	146.02	13.01	18.16	1.86	62.91	12.98	31.91	13.18	257.14	31.86	3.26	110.4	
15/08/2024 23:55	18.17	7.61	144.73	13.01	18.4	1.82	57.28	12.98	32.03	13.42	255.11	32.3	3.19	100.58	
16/08/2024 00:00	18.2	7.22	140.56	13.01	18.24	1.66	58.16	12.98	32.05	12.72	247.54	32.01	2.92	102.04	
16/08/2024 00:05	18.09	7.29	146.04	13.01	18.05	1.77	61.71	12.98	31.86	12.84	257.19	31.66	3.11	108.31	
16/08/2024 00:10	18.5	7.47	146.13	13.02	18.27	1.81	58.59	12.98	32.62	13.18	257.67	32.08	3.19	102.84	
16/08/2024 00:15	18.36	7.19	140.34	13.01	18.54	2.22	58.79	12.98	32.33	12.67	247.17	32.53	3.9	103.2	
16/08/2024 00:20	17.97	7.23	145.65	13.01	18.65	2.54	61.63	12.98	31.65	12.73	256.47	32.74	4.47	108.21	
16/08/2024 00:25	18.19	7.38	145.95	13.01	17.99	1.87	58.65	12.99	32.03	12.99	257.01	31.6	3.28	103.01	
16/08/2024 00:30	18.23	7.19	143.09	13.01	18.49	2.16	58.38	12.99	32.1	12.66	251.97	32.5	3.8	102.6	
16/08/2024 00:35	18.14	7.33	146.59	13.01	18.43	2.33	61.09	12.99	31.96	12.91	258.26	32.39	4.1	107.38	
16/08/2024 00:40	18.13	7.49	146.72	13.01	17.99	1.67	58.48	12.98	31.95	13.2	258.61	31.59	2.93	102.7	
16/08/2024 00:45	18.35	7.26	141.05	13.01	18.71	2.29	57.76	12.99	32.33	12.8	248.52	32.86	4.02	101.46	
16/08/2024 00:50	18.04	7.22	145.47	13.01	18.8	2.59	60.47	12.99	31.79	12.72	256.37	33.03	4.55	106.26	
16/08/2024 00:55	18.03	7.32	145.73	13.02	18.04	1.69	57.98	12.98	31.79	12.9	256.93	31.67	2.97	101.81	
16/08/2024 01:00	18.23	7.14	142.56	13.01	18.33	2.07	59.08	12.99	32.12	12.58	251.15	32.19	3.63	103.76	
16/08/2024 01:05	18.17	7.37	145.23	13.02	18.39	2.03	59.41	12.99	32.03	13	256.03	32.3	3.57	104.34	
16/08/2024 01:10	17.78	7.36	143.88	13.02	18.13	1.82	59.78	12.99	31.37	12.99	253.8	31.85	3.2	105.03	
16/08/2024 01:15	18.02	7.13	140.53	13.01	18.5	2.02	58.48	12.98	31.74	12.56	247.59	32.49	3.55	102.68	
16/08/2024 01:20	18.12	7.38	145.36	13.01	18.55	2.09	59.09	12.98	31.94	13	256.17	32.57	3.68	103.77	
16/08/2024 01:25	18.25	7.55	146.31	13.02	18.03	1.87	60.26	12.99	32.2	13.32	258.15	31.68	3.28	105.91	
16/08/2024 01:30	18.38	7.21	143.38	13.01	18.77	2.03	57.52	12.99	32.4	12.7	252.75	32.99	3.57	101.07	
16/08/2024 01:35	17.99	7.24	145.01	13.01	18.87	2.18	60.33	12.99	31.69	12.75	255.47	33.16	3.83	106.02	
16/08/2024 01:40	18.3	7.33	144.52	13.01	18.23	1.83	57.56	12.99	32.25	12.92	254.73	32.03	3.21	101.11	
16/08/2024 01:45	18.52	7.02	140.97	13.01	19.43	2.13	57.67	12.99	32.62	12.37	248.34	34.14	3.75	101.32	
16/08/2024 01:50	18.17	7.18	144.03	13.01	20.09	2.16	60.73	12.99	32.01	12.64	253.69	35.31	3.79	106.73	
16/08/2024 01:55	18.28	7.21	143.52	13.01	18.22	1.86	59.61	12.98	32.22	12.7	252.92	31.98	3.26	104.62	
16/08/2024 02:00	18.19	7.01													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
16/08/2024 03:25	18.42	7.19	142.61	13.02	18.02	1.77	59.74	12.99	32.5	12.69	251.57	31.66	3.11	104.98	
16/08/2024 03:30	18.27	6.91	139.74	13.01	18.21	1.95	57.77	12.98	32.21	12.18	246.29	31.97	3.42	101.43	
16/08/2024 03:35	18.12	7.25	143.09	13.02	18.27	1.99	57.94	12.98	31.96	12.78	252.31	32.07	3.49	101.72	
16/08/2024 03:40	18.78	7.47	142.84	13.02	18.2	2	60.62	12.99	33.14	13.19	252.08	32	3.51	106.61	
16/08/2024 03:45	18.44	7.05	140.04	13.01	18.71	2.04	58.06	12.99	32.5	12.43	246.82	32.87	3.59	102	
16/08/2024 03:50	17.89	7.11	143.64	13.01	18.66	2.2	61.15	12.99	31.53	12.52	253.12	32.78	3.86	107.45	
16/08/2024 03:55	18.16	7.3	143.55	13.02	17.88	1.74	57.97	12.99	32.01	12.87	253.07	31.41	3.06	101.84	
16/08/2024 04:00	18.34	6.94	139.88	13.01	18.28	2.23	58.36	12.99	32.31	12.23	246.42	32.12	3.93	102.57	
16/08/2024 04:05	18	6.91	142.38	13.01	18.3	2.34	58.73	12.99	31.7	12.17	250.75	32.16	4.12	103.22	
16/08/2024 04:10	18.44	7.05	142.48	13.01	18.17	1.93	58.96	12.98	32.48	12.42	251	31.89	3.39	103.52	
16/08/2024 04:15	18.3	6.88	139.88	13.01	18.86	2.06	57.54	12.99	32.24	12.12	246.34	33.13	3.62	101.08	
16/08/2024 04:20	18.08	7.28	144.35	13.01	19.21	2.17	60.09	12.99	31.86	12.84	254.46	33.76	3.81	105.59	
16/08/2024 04:25	17.86	7.39	144.77	13.02	18.3	1.8	57.43	12.98	31.49	13.04	255.27	32.13	3.17	100.84	
16/08/2024 04:30	18.13	7.24	143.95	13.01	18.55	2.11	58.01	12.98	31.93	12.76	253.58	32.56	3.7	101.8	
16/08/2024 04:35	18.18	7.58	146.98	13.01	18.61	2.17	61.13	12.98	32.03	13.36	259	32.66	3.81	107.29	
16/08/2024 04:40	18.39	7.64	146.22	13.02	18.44	2.02	58.59	12.99	32.42	13.48	257.78	32.4	3.56	102.97	
16/08/2024 04:45	18.44	7.24	142.59	13.01	18.85	2.03	57.5	12.99	32.49	12.75	251.21	33.13	3.58	101.04	
16/08/2024 04:50	18.2	7.33	145.83	13.02	19.06	2.29	60.31	12.99	32.09	12.92	257.07	33.49	4.02	106	
16/08/2024 04:55	18.58	7.58	145.88	13.02	18.13	2.01	58.89	12.99	32.76	13.37	257.23	31.88	3.54	103.51	
16/08/2024 05:00	18.55	7.23	142.26	13.01	18.58	2.28	59.51	12.99	32.68	12.74	250.69	32.66	4.01	104.63	
16/08/2024 05:05	18.32	7.42	146.32	13.02	18.52	2.2	58.95	12.99	32.29	13.08	257.95	32.55	3.87	103.63	
16/08/2024 05:10	18.48	7.58	146.72	13.02	18.18	2.1	60.69	13	32.61	13.38	258.87	31.97	3.69	106.74	
16/08/2024 05:15	18.46	7.27	142.51	13.02	18.72	2.33	59.7	13	32.55	12.82	251.38	32.94	4.1	105.05	
16/08/2024 05:20	18.27	7.5	146.67	13.02	18.71	2.47	62.96	13	32.25	13.23	258.82	32.93	4.35	110.82	
16/08/2024 05:25	18.5	7.39	146.36	13.03	18.16	1.84	58.93	12.99	32.65	13.05	258.34	31.91	3.24	103.57	
16/08/2024 05:30	18.41	7.2	143.51	13.02	18.27	2.14	58.53	12.99	32.47	12.7	253.12	32.11	3.77	102.84	
16/08/2024 05:35	18.29	7.7	147.13	13.03	18.49	2.42	61.24	12.99	32.28	13.6	259.72	32.5	4.25	107.63	
16/08/2024 05:40	18.33	7.72	147.02	13.03	18.11	1.97	59.2	13	32.38	13.64	259.75	31.85	3.47	104.15	
16/08/2024 05:45	18.39	7.37	143.75	13.02	18.65	2.18	58.38	12.99	32.46	13	253.68	32.79	3.83	102.65	
16/08/2024 05:50	18.22	7.47	145.84	13.02	18.89	2.24	58.39	13	32.16	13.19	257.35	33.22	3.93	102.68	
16/08/2024 05:55	18.13	7.69	145.38	13.03	18.03	2.04	59.87	13	32.02	13.59	256.8	31.73	3.59	105.38	
16/08/2024 06:00	18.43	7.19	141.03	13.03	18.9	2.11	55.7	13	32.53	12.7	249.02	33.27	3.72	98.06	
16/08/2024 06:05	18.3	7.25	144.44	13.03	19.06	2.29	59.03	13.01	32.32	12.8	255.08	33.56	4.04	103.96	
16/08/2024 06:10	18.17	7.54	145.23	13.03	18.07	1.98	58.99	13.01	32.1	13.31	256.55	31.83	3.49	103.89	
16/08/2024 06:15	18.3	7.14	140.11	13.03	18.62	2.28	57.66	13.01	32.32	12.61	247.45	32.8	4.02	101.59	
16/08/2024 06:20	18.21	7.27	143.65	13.04	18.64	2.3	57.83	13.01	32.18	12.86	253.91	32.84	4.05	101.89	
16/08/2024 06:25	18.3	7.41	144.09	13.04	18.03	2.06	60.81	13.01	32.36	13.11	254.84	31.76	3.63	107.15	
16/08/2024 06:30	18.37	7.12	140.06	13.04	17.94	2.33	58.6	13.01	32.46	12.59	247.57	31.63	4.11	103.3	
16/08/2024 06:35	18	7.21	142.26	13.04	17.63	2.34	58.55	13.02	31.84	12.76	251.64	31.07	4.13	103.22	
16/08/2024 06:40	18.41	7.36	142.33	13.04	17.65	1.99	61.2	13.01	32.55	13.02	251.72	31.1	3.51	107.87	
16/08/2024 06:45	18.35	7.13	139.7	13.03	18.07	2.27	57.54	13.01	32.43	12.6	246.86	31.83	4	101.36	
16/08/2024 06:50	18.11	7.42	143.23	13.04	18.13	2.3	57.36	13.01	32.03	13.13	253.3	31.92	4.05	101.02	
16/08/2024 06:55	18.53	7.54	142.55	13.04	17.61	2.19	60.26	13.02	32.79	13.33	252.21	31.07	3.87	106.33	
16/08/2024 07:00	18.44	7.2	138.97	13.04	18.32	2.31	57.04	13.02	32.61	12.75	245.85	32.32	4.08	100.66	
16/08/2024 07:05	18.22	7.26	141.58	13.05	18.64	2.36	56.59	13.02	32.27	12.85	250.71	32.9	4.17	99.87	
16/08/2024 07:10	18.16	7.33	142.14	13.05	17.91	2.06	60.28	13.02	32.16	12.99	251.79	31.61	3.64	106.39	
16/08/2024 07:15	18.17	6.99	138.16	13.05	17.81	2.16	57.1	13.02	32.16	12.37	244.57	31.43	3.8	100.77	
16/08/2024 07:20	18.2	7.27	141.99	13.05	17.64	2.29	59.91	13.02	32.24	12.88	251.54	31.13	4.04	105.75	
16/08/2024 07:25	18.39	7.44	141.81	13.05	17.69	1.92	57.46	13.03	32.58	13.18	251.26	31.24	3.38	101.47	
16/08/2024 07:30	18.41	7.07	138.57	13.05	18.66	2.32	56.82	13.03	32.58	12.51	245.26	32.94	4.09	100.31	
16/08/2024 07:35	18.28	7	141.47	13.04	18.76	2.54	59.46	13.03	32.34	12.38	250.2	33.12	4.48	104.97	
16/08/2024 07:40	18.11	7.19	140.97	13.04	17.68	1.81	59	13.01	32.03	12.72	249.37	31.16	3.19	103.98	
16/08/2024 07:45	18.25	6.94	137.28	13.04	18.04	2.24	58.22	13.01	32.27	12.26	242.69	31.8	3.96	102.63	
16/08/2024 07:50	18.26	7	140.43	13.04	18.11	2.34	58.2	13.02	32.29	12.37	248.23	31.93	4.13	102.61	
16/08/2024 07:55	18.55	7.22	141.92	13.04	18.1	1.84	59.78	13	32.79	12.77	250.9	31.87	3.24	105.26	
16/08/2024 08:00	18.52	6.8	137.2	13.03	18.26	1.88	56.43	13	32.69	12	242.25	32.13	3.31	99.27	
16/08/2024 08:05	18.31	7.02	140.19	13.03	18.36	2.13	58.75	13	32.33	12.39	247.56	32.3	3.75	103.39	
16/08/2024 08:10	18.36	7.19	141.42	13.03	18.24	1.79	56.36	13	32.44	12.71	249.92	32.11	3.16	99.21	
16/08/2024 08:15	18.46	6.83	138.1	13.02	18.2	1.67	55.23	12.99	32.57	12.06	243.7	31.98	2.93	97.07	
16/08/2024 08:20	18.13	6.85	140.55	13.02	17.82	1.71	58.2	12.99	31.98	12.08	247.85	31.31	3.01	102.27	
16/08/2024 08:25	18.39	7.14	140.2	13.02	17.91	1.6	56.02	12.99	32.44	12.6	247.27	31.49	2.81	98.47	
16/08/2024 08:30	18.53	6.74	136.08	13.01	18.44	1.93	54.7	12.99	32.66	11.87	239.82	32.42	3.39	96.15	
16/08/2024 08:35	18.38	6.77	140	13.01	18.44	2	54.52	12.99	32.37	11.93	246.58	32.41	3.52	95.83	
16/08/2024 08:40	18.44	6.75	139.19	13.01	18.05	1.61	56.83	12.98	32.47	11.89	245.09	31.68	2.82	99.75	
16/08/2024 08:45	18.48	6.66	136.78	13	18.46	1.96	56.88	12.98	32.54	11.73	240.78	32.42	3.44	99.88	
16/08/2024 08:50	18.36	6.89	140.31	13.01	18.57	2.16	60.04	12.99	32.33	12.14	247.13	32.62	3.79	105.46	
16/08/2024 08:55	18.47	6.89	140.8	13.01	18.35	1.67	55.49	12.98	32.53	12.14	248.03	32.2	2.93	97.36	
16/08/2024 09:00	18.48	6.56	137.93	13	18.77	1.88	56.47	12.97	32.51	11.54	242.67	32.91	3.3	99	
16/08/2024 09:05	18.48	6.94	141.08	13	18.72	2.03	56.63	12.97	32.52	12.22	248.19	32.82	3.56	99.28	
16/08/2024 09:10	19.09	7.14	140.41	13	18.37	1.7	56.36	12.98	33.61	12.58	247.14	32.22	2.99	98.87	
16/08/2024 09:15	18.9	6.7	137.09	12.99	18.82	1.66	54.45	12.97	33.21	11.79	240.96	32.97	2.9	95.4	
16/08/2024 09:20	18.26	6.61	140.45	12.98	18.67	1.74	57.46	12.97	32.04	11.6	246.52	32.7	3.05	100.68	
16/08/2024 09:25	18.5	6.85	141	12.98	18.										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
16/08/2024 10:50	18.25	6.73	141.12	12.93	18.61	1.28	56.17	12.89	31.83	11.75	246.17	32.31	2.23	97.52	
16/08/2024 10:55	18.55	6.75	139.91	12.94	18.63	1.86	59.13	12.91	32.37	11.79	244.18	32.41	3.24	102.89	
16/08/2024 11:00	18.72	6.7	135.33	12.93	18.36	1.53	56.74	12.9	32.64	11.68	235.98	31.91	2.66	98.62	
16/08/2024 11:05	18.26	6.48	140.09	12.92	18.28	1.73	60.17	12.9	31.81	11.28	243.99	31.78	3.01	104.6	
16/08/2024 11:10	18.36	6.71	141.27	12.92	19.02	1.75	56.5	12.89	31.98	11.68	246.07	33	3.04	98.04	
16/08/2024 11:15	18.55	6.45	137.64	12.9	18.62	1.4	56.29	12.87	32.25	11.22	239.3	32.24	2.43	97.46	
16/08/2024 11:20	18.03	6.23	140	12.89	18.47	1.5	59.08	12.87	31.3	10.82	242.98	31.98	2.6	102.27	
16/08/2024 11:25	18.03	6.58	141.86	12.9	18.19	1.45	57.33	12.88	31.33	11.44	246.48	31.51	2.51	99.31	
16/08/2024 11:30	18.41	6.59	135.47	12.9	18.36	1.46	55.54	12.88	32	11.46	235.51	31.83	2.53	96.28	
16/08/2024 11:35	18.35	6.47	140.22	12.91	18.46	1.62	57.63	12.88	31.95	11.26	244.09	32.01	2.8	99.96	
16/08/2024 11:40	18.58	6.52	139.09	12.92	18.46	1.43	56.72	12.89	32.35	11.35	242.2	32.03	2.48	98.44	
16/08/2024 11:45	18.72	6.27	134.9	12.91	18.5	1.32	55.39	12.88	32.56	10.9	234.63	32.07	2.29	96.03	
16/08/2024 11:50	18.56	6.28	138.86	12.9	18.41	1.36	55.5	12.88	32.25	10.91	241.29	31.91	2.36	96.22	
16/08/2024 11:55	18.64	6.39	138.39	12.9	18.88	1.7	59.15	12.87	32.4	11.11	240.55	32.7	2.94	102.43	
16/08/2024 12:00	18.61	6.21	135.5	12.89	18.37	1.21	55.31	12.86	32.3	10.78	235.15	31.75	2.1	95.59	
16/08/2024 12:05	18.47	6.34	139.27	12.88	18.38	1.2	55.17	12.86	32.01	10.98	241.36	31.75	2.08	95.34	
16/08/2024 12:10	18.27	6.36	140.8	12.88	18.61	1.74	59.4	12.85	31.65	11.02	243.97	32.15	3.01	102.63	
16/08/2024 12:15	18.46	6.02	136.63	12.87	18.51	1.28	55.08	12.84	31.95	10.42	236.52	31.93	2.21	95.03	
16/08/2024 12:20	18.41	6	136.77	12.87	18.58	1.33	55.06	12.84	31.86	10.37	236.65	32.05	2.29	94.98	
16/08/2024 12:25	19.08	5.85	137.84	12.87	18.59	1.36	57.6	12.84	33.03	10.12	238.66	32.07	2.35	99.41	
16/08/2024 12:30	18.56	5.56	132.1	12.86	17.79	0.63	54.86	12.83	32.1	9.63	228.48	30.66	1.08	94.52	
16/08/2024 12:35	17.93	6.17	140.22	12.87	17.58	0.56	54.69	12.83	31.05	10.68	242.81	30.28	0.97	94.21	
16/08/2024 12:40	18	6.44	140.09	12.88	18.03	1.43	59.1	12.86	31.2	11.16	242.84	31.19	2.47	102.2	
16/08/2024 12:45	18.37	6.25	135.33	12.88	18.2	1.39	56.81	12.87	31.85	10.84	234.66	31.48	2.4	98.29	
16/08/2024 12:50	18.41	6.33	139.7	12.89	18.17	1.44	57.05	12.87	31.95	10.98	242.48	31.44	2.49	98.71	
16/08/2024 12:55	18.19	6.46	140.89	12.89	18.47	1.66	59.61	12.87	31.58	11.21	244.61	31.96	2.88	103.14	
16/08/2024 13:00	18.41	6.28	137.26	12.88	18.13	1.23	57.84	12.86	31.91	10.89	238.02	31.33	2.12	99.96	
16/08/2024 13:05	18.11	6.11	138.43	12.88	18.07	1.38	60.79	12.86	31.38	10.58	239.78	31.22	2.38	105.06	
16/08/2024 13:10	18.3	5.99	137.55	12.88	17.62	1.18	58.33	12.85	31.69	10.37	238.24	30.41	2.05	100.71	
16/08/2024 13:15	18.38	5.98	133.34	12.88	17.61	1.23	57.29	12.85	31.83	10.37	231.02	30.41	2.13	98.93	
16/08/2024 13:20	18.03	6.3	138.91	12.89	17.76	1.43	59.86	12.85	31.29	10.94	241.09	30.67	2.48	103.41	
16/08/2024 13:25	18.03	6.58	138.67	12.9	18.05	1.49	58.59	12.87	31.31	11.43	240.8	31.24	2.58	101.43	
16/08/2024 13:30	18.48	6.41	135.33	12.89	18.2	1.24	56.9	12.86	32.06	11.12	234.77	31.47	2.14	98.38	
16/08/2024 13:35	18.56	6.36	139.26	12.88	18.29	1.42	59.63	12.86	32.18	11.03	241.44	31.63	2.45	103.11	
16/08/2024 13:40	18.58	6.43	139.08	12.88	18.39	1.47	59.18	12.85	32.2	11.14	241.08	31.78	2.55	102.25	
16/08/2024 13:45	18.58	6.33	134.72	12.87	17.79	0.92	56.81	12.84	32.16	10.96	233.24	30.69	1.59	97.99	
16/08/2024 13:50	18.15	6.37	139.73	12.87	17.83	0.97	57.08	12.84	31.41	11.02	241.84	30.75	1.67	98.46	
16/08/2024 13:55	18.64	6.72	140.36	12.87	18.33	1.77	61.72	12.85	32.28	11.64	243.07	31.65	3.05	106.59	
16/08/2024 14:00	18.63	6.41	135.67	12.87	18.15	1.4	58.59	12.84	32.23	11.08	234.74	31.3	2.42	101.05	
16/08/2024 14:05	18.35	6.49	140.08	12.86	18.2	1.47	58.88	12.84	31.74	11.23	242.23	31.39	2.53	101.52	
16/08/2024 14:10	18.41	6.53	140.53	12.86	18.33	1.54	61.08	12.83	31.82	11.3	242.94	31.59	2.65	105.26	
16/08/2024 14:15	18.26	6.33	136.66	12.85	17.35	0.77	57.55	12.82	31.55	10.94	236.11	29.85	1.32	99.04	
16/08/2024 14:20	18.01	6.34	139.47	12.86	17.28	1.01	60.54	12.82	31.15	10.97	241.23	29.74	1.74	104.23	
16/08/2024 14:25	17.92	6.55	139.25	12.87	18.02	1.51	58.5	12.85	31.02	11.34	241.05	31.12	2.6	101.03	
16/08/2024 14:30	18.32	6.51	136.93	12.87	17.99	1.41	58.13	12.85	31.71	11.27	237.09	31.05	2.43	100.37	
16/08/2024 14:35	18.25	6.44	140.49	12.88	18.08	1.44	57.98	12.85	31.63	11.16	243.43	31.21	2.48	100.1	
16/08/2024 14:40	18.36	6.44	140.77	12.88	18.05	1.42	60.7	12.85	31.81	11.16	243.91	31.17	2.45	104.84	
16/08/2024 14:45	18.46	6.33	137.44	12.87	17.75	1.11	58.22	12.85	31.96	10.97	238.04	30.63	1.91	100.47	
16/08/2024 14:50	18.17	6.37	139.93	12.88	17.95	1.23	58.66	12.85	31.5	11.04	242.57	30.99	2.13	101.24	
16/08/2024 14:55	18.42	6.52	140.08	12.89	18.21	1.71	62.41	12.86	31.96	11.31	243.01	31.51	2.95	107.98	
16/08/2024 15:00	18.58	6.4	137.2	12.88	17.91	1.21	58.93	12.86	32.21	11.1	237.9	30.96	2.09	101.85	
16/08/2024 15:05	18	6.23	140.3	12.88	17.89	1.28	59.3	12.86	31.21	10.81	243.24	30.92	2.22	102.49	
16/08/2024 15:10	18.48	6.28	139.13	12.89	17.74	1.41	60.65	12.86	32.06	10.9	241.31	30.68	2.44	104.92	
16/08/2024 15:15	18.65	6.42	137.39	12.89	17.65	1.32	57.42	12.87	32.35	11.14	238.36	30.53	2.29	99.35	
16/08/2024 15:20	18.15	6.45	141.26	12.9	17.52	1.28	57.28	12.87	31.55	11.21	245.48	30.31	2.22	99.12	
16/08/2024 15:25	18.34	6.72	142.17	12.91	18.24	1.69	61.97	12.88	31.9	11.69	247.27	31.6	2.93	107.36	
16/08/2024 15:30	18.48	6.79	142.63	12.9	18.07	1.41	60.36	12.87	32.12	11.8	247.91	31.28	2.44	104.5	
16/08/2024 15:35	18.24	6.94	144.68	12.91	17.89	1.34	60.86	12.87	31.74	12.08	251.76	30.97	2.33	105.35	
16/08/2024 15:40	18.44	7.08	142.73	12.92	17.98	1.63	61.88	12.89	32.12	12.34	248.63	31.22	2.83	107.44	
16/08/2024 15:45	18.38	6.97	142.83	12.91	17.97	1.43	59.72	12.88	31.99	12.14	248.6	31.17	2.48	103.56	
16/08/2024 15:50	18.14	7.28	149.44	12.92	17.69	1.33	59.44	12.88	31.59	12.68	260.23	30.65	2.3	103.01	
16/08/2024 15:55	18.7	7.64	150.48	12.93	18.38	1.9	62	12.9	32.6	13.33	262.34	31.94	3.3	107.75	
16/08/2024 16:00	18.9	7.18	144.85	12.93	18.82	1.73	59.42	12.9	32.95	12.52	252.5	32.72	3	103.3	
16/08/2024 16:05	18.23	6.83	145.83	12.93	18.67	1.64	59.63	12.9	31.78	11.91	254.32	32.46	2.85	103.64	
16/08/2024 16:10	18.72	7.19	146.91	12.94	18.58	1.89	64.45	12.91	32.67	12.55	256.4	32.32	3.29	112.09	
16/08/2024 16:15	18.84	6.94	142.54	12.93	18.65	1.95	60.49	12.91	32.86	12.1	248.69	32.44	3.4	105.24	
16/08/2024 16:20	18.39	6.92	144.62	12.94	18.69	1.99	60.53	12.91	32.11	12.08	252.48	32.51	3.45	105.32	
16/08/2024 16:25	18.89	7.11	145.38	12.94	18.2	1.87	63.28	12.91	32.98	12.42	253.78	31.67	3.25	110.1	
16/08/2024 16:30	18.75	7.01	142.15	12.93	18.43	1.87	61.92	12.91	32.73	12.23	248.08	32.06	3.26	107.72	
16/08/2024 16:35	18.27	7.12	144.68	12.95	18.36	1.88	62.92	12.91	31.93	12.44	252.85	31.95	3.26	109.5	
16/08/2024 16:40	18.78	7.32	145.17	12.95	18.22	2.06	65.33	12.92	32.84	12.79	253.87	31.75	3.58	113.87	
16/08/2024 16:45	18.77	7.12	140.47	12.94	18.36	1.84	61.23	12.91	32.79	12.44	245.38	31.96	3.2	106.56	
16/08/2024															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
16/08/2024 18:15	18.54	7.06	142.91	12.94	18.54	1.8	51.08	12.89	32.36	12.33	249.53	32.16	3.13	88.6	
16/08/2024 18:20	18.08	7.14	146.05	12.94	18.83	2.03	51.28	12.89	31.57	12.46	255.05	32.67	3.53	88.98	
16/08/2024 18:25	18.25	7.19	145.09	12.95	17.79	1.38	55.83	12.89	31.89	12.57	253.54	30.86	2.39	96.89	
16/08/2024 18:30	18.32	7.07	141.87	12.94	18.09	1.8	59.18	12.91	31.98	12.34	247.64	31.45	3.14	102.92	
16/08/2024 18:35	18.11	7.3	145.34	12.94	18.21	2.25	62.91	12.91	31.63	12.75	253.84	31.69	3.92	109.49	
16/08/2024 18:40	18.06	7.27	143.92	12.94	17.81	1.63	60.3	12.91	31.54	12.69	251.34	31.01	2.83	104.96	
16/08/2024 18:45	18.1	7.11	139.76	12.93	17.86	1.48	58.82	12.9	31.57	12.4	243.84	31.04	2.57	102.23	
16/08/2024 18:50	17.88	7.22	144.99	12.94	17.64	1.28	61.25	12.9	31.21	12.6	253.07	30.66	2.23	106.47	
16/08/2024 18:55	17.97	7.36	143.69	12.94	17.8	1.8	58.77	12.91	31.39	12.86	250.98	30.98	3.14	102.3	
16/08/2024 19:00	18.28	7.1	141.67	12.94	18.4	1.96	57.64	12.91	31.91	12.4	247.3	32.03	3.41	100.34	
16/08/2024 19:05	17.87	6.94	142.95	12.94	18.53	2.35	60.84	12.92	31.19	12.12	249.53	32.27	4.09	105.95	
16/08/2024 19:10	17.66	7.13	142.78	12.95	17.43	1.66	60.93	12.91	30.85	12.46	249.5	30.33	2.89	106.03	
16/08/2024 19:15	17.93	6.99	139.9	12.94	18.09	2.2	60.47	12.92	31.32	12.21	244.33	31.5	3.82	105.3	
16/08/2024 19:20	17.97	7.13	143.29	12.95	18.11	2.14	61.28	12.92	31.41	12.46	250.38	31.54	3.73	106.73	
16/08/2024 19:25	18.25	7.18	143.59	12.95	17.97	1.82	61.3	12.92	31.9	12.54	251.01	31.29	3.18	106.77	
16/08/2024 19:30	18.33	6.93	138.64	12.94	18.34	2.13	59.4	12.92	32.01	12.11	242.21	31.93	3.72	103.42	
16/08/2024 19:35	18.05	7.35	144.63	12.95	18.66	2.34	61.72	12.92	31.56	12.86	252.93	32.49	4.08	107.48	
16/08/2024 19:40	18.44	7.24	142.94	12.96	17.88	1.71	59.55	12.92	32.27	12.67	250.21	31.17	2.99	103.8	
16/08/2024 19:45	18.29	7.03	141.12	12.95	18.1	1.75	58.78	12.92	31.99	12.3	246.79	31.53	3.05	102.39	
16/08/2024 19:50	18.11	7.27	144.7	12.95	17.8	1.55	59.17	12.92	31.67	12.72	253.09	30.99	2.69	103.03	
16/08/2024 19:55	18.36	7.6	146.13	12.96	17.66	1.67	61.44	12.93	32.13	13.29	255.69	30.79	2.92	107.12	
16/08/2024 20:00	18.45	7.28	142.62	12.95	18.66	2.11	58.64	12.93	32.27	12.73	249.41	32.54	3.69	102.26	
16/08/2024 20:05	17.94	7.16	145.28	12.95	18.81	2.17	58.39	12.93	31.37	12.52	254.02	32.8	3.79	101.81	
16/08/2024 20:10	18.14	7.55	146.86	12.95	17.56	1.7	60.65	12.93	31.73	13.21	256.87	30.6	2.96	105.73	
16/08/2024 20:15	18.33	7.28	142.89	12.95	18.29	2	58.75	12.93	32.05	12.73	249.92	31.9	3.49	102.47	
16/08/2024 20:20	18.06	7.28	145.07	12.96	18.21	2.18	61.94	12.93	31.62	12.75	253.96	31.78	3.8	108.08	
16/08/2024 20:25	18.11	7.55	147.17	12.96	18.04	1.79	61.11	12.93	31.71	13.22	257.72	31.47	3.12	106.63	
16/08/2024 20:30	18.17	7.26	142.92	12.96	18.33	1.89	57.37	12.93	31.8	12.7	250.12	31.96	3.29	100.04	
16/08/2024 20:35	18.17	7.46	146.39	12.96	18.31	1.89	56.78	12.93	31.82	13.07	256.44	31.93	3.3	99.01	
16/08/2024 20:40	18.42	7.58	145.5	12.97	18.07	1.86	61.51	12.93	32.28	13.29	254.95	31.52	3.25	107.33	
16/08/2024 20:45	18.36	7.2	142.07	12.96	18.18	1.87	59.54	12.93	32.13	12.61	248.64	31.7	3.26	103.81	
16/08/2024 20:50	18.06	7.38	145.6	12.96	18.11	1.84	59.94	12.93	31.61	12.92	254.81	31.58	3.22	104.51	
16/08/2024 20:55	18.47	7.57	143.48	12.96	17.75	1.77	62.13	12.93	32.34	13.25	251.22	30.98	3.1	108.4	
16/08/2024 21:00	18.38	7.21	140.24	12.96	18.02	2.07	58.38	12.93	32.16	12.61	245.37	31.43	3.61	101.81	
16/08/2024 21:05	17.81	7.23	145.44	12.95	17.94	2.39	58.73	12.93	31.16	12.66	254.45	31.28	4.17	102.43	
16/08/2024 21:10	18.28	7.39	144.16	12.96	17.63	1.74	61.64	12.93	31.99	12.94	252.25	30.73	3.03	107.47	
16/08/2024 21:15	18.36	7.19	141.85	12.95	18.14	1.99	59.11	12.93	32.12	12.57	248.13	31.65	3.48	103.1	
16/08/2024 21:20	17.86	7.27	145.76	12.96	18.38	2.11	59.55	12.93	31.25	12.72	255.05	32.05	3.68	103.87	
16/08/2024 21:25	18.3	7.41	144.55	12.96	17.68	1.74	61.87	12.93	32.03	12.97	253.03	30.83	3.04	107.88	
16/08/2024 21:30	18.14	7.11	141.66	12.96	17.85	1.81	59.13	12.93	31.73	12.44	247.86	31.13	3.16	103.1	
16/08/2024 21:35	18.05	7.35	145.13	12.96	17.41	1.63	59.44	12.93	31.6	12.86	254.09	30.34	2.83	103.62	
16/08/2024 21:40	18.47	7.57	145.56	12.97	18.3	2.02	61.49	12.93	32.35	13.26	255.01	31.92	3.52	107.26	
16/08/2024 21:45	18.32	7.19	142.3	12.95	18.09	1.75	57.43	12.92	32.04	12.58	248.92	31.5	3.06	100.01	
16/08/2024 21:50	18.07	7.26	144.81	12.95	18.28	1.86	57.3	12.92	31.62	12.69	253.31	31.83	3.24	99.77	
16/08/2024 21:55	18.36	7.5	145.44	12.96	17.88	1.88	61.33	12.93	32.14	13.14	254.64	31.18	3.28	106.96	
16/08/2024 22:00	18.4	7.26	141.62	12.95	18.24	1.83	58.31	12.92	32.17	12.7	247.64	31.78	3.18	101.61	
16/08/2024 22:05	18.08	7.21	145.5	12.95	18.74	2.22	61.32	12.92	31.61	12.59	254.31	32.66	3.87	106.88	
16/08/2024 22:10	18.89	7.64	146.75	12.95	17.93	1.86	58.91	12.93	33.04	13.37	256.68	31.25	3.25	102.7	
16/08/2024 22:15	18.74	7.34	143.07	12.95	18.33	1.99	57.91	12.93	32.77	12.84	250.19	31.95	3.47	100.96	
16/08/2024 22:20	18.08	7.22	145.67	12.96	18.56	2.11	58.09	12.93	31.64	12.64	254.91	32.37	3.68	101.29	
16/08/2024 22:25	18.28	7.36	146.91	12.96	17.96	1.98	62.81	12.93	32	12.89	257.16	31.34	3.46	109.6	
16/08/2024 22:30	18.35	7.19	143.42	12.96	18.36	2.22	58.74	12.94	32.11	12.58	250.97	32.04	3.87	102.53	
16/08/2024 22:35	18.19	7.36	145.03	12.96	18.3	2.27	61.49	12.94	31.87	12.89	254.01	31.94	3.96	107.37	
16/08/2024 22:40	18.3	7.47	145.53	12.96	18.07	1.8	60.78	12.93	32.04	13.09	254.85	31.52	3.14	106.03	
16/08/2024 22:45	18.3	7.2	142.23	12.96	18.57	1.87	58.12	12.93	32.03	12.61	248.93	32.38	3.26	101.34	
16/08/2024 22:50	18.18	7.39	145.16	12.96	18.81	2	58.38	12.93	31.83	12.94	254.2	32.8	3.49	101.78	
16/08/2024 22:55	18.36	7.5	145.73	12.97	18.24	1.95	60.44	12.93	32.16	13.15	255.31	31.82	3.4	105.46	
16/08/2024 23:00	18.39	7.13	141.78	12.96	18.62	1.92	56.92	12.93	32.19	12.48	248.09	32.47	3.35	99.23	
16/08/2024 23:05	18.19	7.39	145.7	12.96	18.5	1.81	56.95	12.93	31.83	12.92	254.93	32.25	3.16	99.29	
16/08/2024 23:10	18.47	7.69	145.95	12.97	18.14	1.96	60.27	12.93	32.35	13.47	255.69	31.65	3.41	105.19	
16/08/2024 23:15	18.5	7.23	141.81	12.96	18.49	1.88	56.42	12.93	32.39	12.66	248.26	32.26	3.27	98.45	
16/08/2024 23:20	18.18	7.07	144.07	12.96	18.42	1.74	55.8	12.93	31.81	12.38	252.07	32.13	3.03	97.31	
16/08/2024 23:25	18.39	7.39	145.52	12.95	18.27	2	61.07	12.93	32.17	12.94	254.57	31.85	3.49	106.51	
16/08/2024 23:30	18.51	7.21	142.63	12.95	18.62	2.15	59.08	12.93	32.37	12.61	249.45	32.47	3.74	103.03	
16/08/2024 23:35	18.28	7.25	145.39	12.96	18.89	2.27	62.27	12.93	31.99	12.69	254.42	32.95	3.95	108.62	
16/08/2024 23:40	18.25	7.16	144.52	12.96	17.84	1.69	59.93	12.93	31.95	12.53	252.97	31.1	2.94	104.51	
16/08/2024 23:45	18.37	7.12	142.32	12.95	18.61	2.08	57.58	12.92	32.13	12.44	248.9	32.43	3.62	100.35	
16/08/2024 23:50	18.21	7.55	146.47	12.96	18.83	2.31	58.06	12.93	31.87	13.21	256.36	32.82	4.03	101.2	
16/08/2024 23:55	18.47	7.64	146.36	12.97	18.47	2.15	61.23	12.94	32.35	13.39	256.4	32.24	3.75	106.89	
17/08/2024 00:00	18.38	7.06	142.13	12.96	18.27	1.71	58.24	12.93	32.16	12.36	248.7	31.86	2.98	101.57	
17/08/2024 00:05	18.13	7.29	145.66	12.95	18.11	1.44	58.36	12.93	31.71	12.75	254.84	31.57	2.51	101.74	
17/08/2024 00:10	18.53	7.66	145.75	12.											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
17/08/2024 01:40	18.33	6.89	140.64	12.95	18.38	1.76	56.41	12.93	32.06	12.06	246.05	32.04	3.08	98.35	
17/08/2024 01:45	18.52	6.81	138.12	12.95	18.22	2.13	56.84	12.93	32.39	11.91	241.59	31.79	3.72	99.18	
17/08/2024 01:50	18.37	7.13	144.29	12.95	18.34	2.28	57.92	12.93	32.13	12.47	252.41	32.01	3.98	101.07	
17/08/2024 01:55	18.55	7.41	145.67	12.96	18.52	1.84	58.73	12.93	32.46	12.97	254.95	32.28	3.2	102.38	
17/08/2024 02:00	18.57	7.13	141.75	12.95	18.38	1.95	55.42	12.92	32.47	12.48	247.93	32.03	3.39	96.57	
17/08/2024 02:05	18.37	7.36	144.86	12.96	18.44	2.03	55.25	12.92	32.16	12.89	253.55	32.13	3.54	96.28	
17/08/2024 02:10	18.86	7.55	144.52	12.96	18.43	1.97	59.33	12.93	33.03	13.22	253.07	32.14	3.44	103.49	
17/08/2024 02:15	18.7	7.07	140.19	12.95	18.6	1.93	57.02	12.93	32.7	12.37	245.21	32.41	3.37	99.39	
17/08/2024 02:20	18.2	7.36	145.99	12.95	18.61	1.97	57.67	12.93	31.83	12.87	255.39	32.44	3.43	100.52	
17/08/2024 02:25	18.52	7.64	146.39	12.97	18.28	2.12	60.7	12.94	32.44	13.39	256.46	31.91	3.7	105.95	
17/08/2024 02:30	18.54	7.33	143.26	12.96	18.59	2.22	58.38	12.94	32.45	12.82	250.71	32.45	3.88	101.9	
17/08/2024 02:35	18.24	7.33	146.29	12.95	18.56	2.24	58.64	12.94	31.9	12.83	255.88	32.4	3.9	102.37	
17/08/2024 02:40	18.47	7.54	146.3	12.96	18.19	1.96	61.15	12.93	32.32	13.18	255.99	31.72	3.43	106.69	
17/08/2024 02:45	18.51	7.26	143.13	12.95	18.7	2.04	57.78	12.93	32.37	12.69	250.25	32.61	3.56	100.76	
17/08/2024 02:50	18.09	7.24	146.07	12.95	18.63	2	57.66	12.93	31.62	12.66	255.26	32.48	3.49	100.53	
17/08/2024 02:55	18.38	7.47	146.58	12.95	18.05	1.79	60.3	12.92	32.11	13.06	256.13	31.44	3.11	105.04	
17/08/2024 03:00	18.34	7.27	142.68	12.95	18.33	2.11	58.69	12.93	32.05	12.7	249.32	31.95	3.68	102.31	
17/08/2024 03:05	18.17	7.39	144.7	12.96	18.22	2.11	58.91	12.93	31.79	12.93	253.18	31.76	3.68	102.69	
17/08/2024 03:10	18.3	7.39	144.92	12.96	17.91	1.99	62.52	12.93	32.03	12.95	253.73	31.23	3.48	109.03	
17/08/2024 03:15	18.32	7.19	141.97	12.95	18.05	2.08	59.53	12.92	32.04	12.58	248.27	31.45	3.63	103.74	
17/08/2024 03:20	18.07	7.46	145.27	12.96	17.89	2.06	59.41	12.92	31.63	13.07	254.33	31.18	3.6	103.52	
17/08/2024 03:25	18.5	7.57	144.31	12.97	18.03	2.27	63.09	12.94	32.43	13.26	252.97	31.49	3.96	110.2	
17/08/2024 03:30	18.44	7.22	141.34	12.96	17.95	2	60.18	12.93	32.27	12.65	247.43	31.32	3.5	104.97	
17/08/2024 03:35	18.2	7.45	145.38	12.96	17.91	2.13	60.47	12.93	31.86	13.05	254.52	31.23	3.71	105.48	
17/08/2024 03:40	18.16	7.61	145.45	12.97	17.88	2.21	63.42	12.94	31.81	13.34	254.87	31.22	3.87	110.75	
17/08/2024 03:45	18.38	7.29	141.97	12.96	18.31	2.25	60.21	12.94	32.18	12.77	248.61	31.97	3.93	105.15	
17/08/2024 03:50	18.4	7.32	144.92	12.96	18.17	2.22	60.2	12.94	32.21	12.82	253.72	31.73	3.88	105.12	
17/08/2024 03:55	18.44	7.54	144.72	12.96	18.01	2.06	62.57	12.93	32.27	13.19	253.33	31.41	3.59	109.18	
17/08/2024 04:00	18.39	7.3	141.78	12.96	18.06	2.37	61.16	12.94	32.17	12.77	248.13	31.53	4.13	106.76	
17/08/2024 04:05	18.27	7.37	144.13	12.96	18.05	2.38	61.23	12.94	32	12.91	252.44	31.5	4.15	106.9	
17/08/2024 04:10	18.39	7.5	144.91	12.97	17.43	1.84	64.01	12.93	32.22	13.15	253.91	30.41	3.22	111.71	
17/08/2024 04:15	18.39	7.32	141.99	12.96	17.49	2.23	60.31	12.93	32.19	12.81	248.52	30.51	3.89	105.19	
17/08/2024 04:20	18.16	7.53	144.62	12.96	17.2	2.31	59.86	12.93	31.8	13.18	253.27	30	4.03	104.39	
17/08/2024 04:25	17.8	7.69	144.81	12.97	17.9	2.24	62.83	12.94	31.18	13.47	253.69	31.26	3.92	109.72	
17/08/2024 04:30	18.03	7.3	140.92	12.96	18.22	2.15	59.55	12.93	31.56	12.79	246.69	31.79	3.76	103.92	
17/08/2024 04:35	18.16	7.58	145.54	12.96	18.5	2.16	59.25	12.93	31.8	13.28	254.91	32.28	3.76	103.39	
17/08/2024 04:40	18.16	7.88	146.61	12.97	17.9	2.39	63.07	12.94	31.84	13.82	257.09	31.28	4.17	110.23	
17/08/2024 04:45	18.3	7.51	142.93	12.97	18.34	2.31	59.85	12.94	32.06	13.16	250.45	32.02	4.04	104.5	
17/08/2024 04:50	17.9	7.38	144.78	12.97	18.58	2.45	59.91	12.94	31.36	12.93	253.63	32.44	4.29	104.6	
17/08/2024 04:55	16.64	7.49	144.27	12.97	17.72	2.42	64.22	12.94	29.16	13.12	252.83	30.96	4.24	112.23	
17/08/2024 05:00	17.53	7.36	141.35	12.96	18.25	2.51	60.75	12.94	30.71	12.89	247.6	31.88	4.38	106.14	
17/08/2024 05:05	18.26	7.44	144.82	12.97	18.16	2.52	60.66	12.94	31.99	13.03	253.72	31.72	4.4	105.97	
17/08/2024 05:10	18.55	7.5	144.3	12.97	17.99	2.16	63.02	12.94	32.5	13.15	252.89	31.42	3.78	110.08	
17/08/2024 05:15	18.45	7.34	141.92	12.97	18.36	2.37	60.44	12.94	32.33	12.86	248.65	32.08	4.14	105.6	
17/08/2024 05:20	18.2	7.63	145.28	12.97	18.41	2.42	63.58	12.95	31.93	13.39	254.81	32.17	4.23	111.13	
17/08/2024 05:25	18.53	7.72	147.25	12.98	17.93	2.07	61.66	12.95	32.51	13.55	258.32	31.33	3.62	107.76	
17/08/2024 05:30	18.47	7.4	145.2	12.97	18.25	2.22	59.96	12.94	32.37	12.96	254.47	31.88	3.87	104.72	
17/08/2024 05:35	18.17	7.53	144.87	12.97	18.2	2.2	60.13	12.94	31.84	13.2	253.94	31.79	3.85	105	
17/08/2024 05:40	18.33	7.72	144.69	12.98	18.13	2.29	62.66	12.95	32.15	13.55	253.82	31.69	4.01	109.56	
17/08/2024 05:45	18.29	7.4	142.47	12.97	18.35	2.17	59.76	12.94	32.05	12.97	249.68	32.06	3.79	104.39	
17/08/2024 05:50	18.22	7.64	146.7	12.97	18.5	2.2	59.72	12.94	31.93	13.39	257.12	32.31	3.85	104.31	
17/08/2024 05:55	18.59	7.82	145.84	12.97	17.85	2.16	62.89	12.95	32.6	13.7	255.7	31.21	3.78	109.96	
17/08/2024 06:00	18.53	7.42	141.52	12.97	18.19	2.42	59.31	12.95	32.48	13.01	248.05	31.82	4.24	103.75	
17/08/2024 06:05	18.24	7.4	144.72	12.97	18.38	2.45	59.47	12.95	31.99	12.98	253.78	32.14	4.29	104.02	
17/08/2024 06:10	18.58	7.68	146.5	12.98	18.08	2.07	61.92	12.95	32.6	13.47	257.05	31.59	3.63	108.22	
17/08/2024 06:15	18.57	7.43	142.76	12.97	18.76	2.29	58.33	12.94	32.55	13.02	250.3	32.77	4	101.9	
17/08/2024 06:20	18.25	7.61	146.28	12.97	19.14	2.27	57.84	12.94	32.01	13.35	256.52	33.43	3.96	101.04	
17/08/2024 06:25	18.58	7.72	146.08	12.98	17.79	1.82	60.61	12.95	32.6	13.55	256.36	31.09	3.19	105.94	
17/08/2024 06:30	18.48	7.47	143.87	12.97	18.3	2.13	57.65	12.95	32.42	13.1	252.34	31.97	3.72	100.75	
17/08/2024 06:35	18.32	7.82	147.78	12.98	18.3	2.17	61.06	12.95	32.15	13.71	259.32	31.98	3.8	106.72	
17/08/2024 06:40	18.89	8	147.97	12.98	18.16	2.08	61.37	12.95	33.15	14.04	259.63	31.74	3.63	107.26	
17/08/2024 06:45	18.69	7.62	144.44	12.97	18.47	2.19	58.66	12.94	32.77	13.37	253.26	32.27	3.83	102.47	
17/08/2024 06:50	18.3	7.67	146.4	12.98	18.48	2.13	58.44	12.94	32.1	13.46	256.87	32.29	3.71	102.07	
17/08/2024 06:55	19.39	7.94	145.88	12.98	18.14	2.15	61.2	12.95	34.05	13.95	256.16	31.71	3.77	107.01	
17/08/2024 07:00	18.89	7.5	143.54	12.97	18.41	2.11	58.38	12.94	33.13	13.16	251.68	32.16	3.69	101.97	
17/08/2024 07:05	18.24	7.55	145.65	12.97	18.39	2.11	58.45	12.94	31.96	13.24	255.27	32.12	3.69	102.08	
17/08/2024 07:10	18.56	7.91	146.67	12.97	18.04	2.13	61.84	12.95	32.54	13.87	257.15	31.52	3.72	108.09	
17/08/2024 07:15	18.5	7.46	142.46	12.97	18.34	2.16	58.62	12.95	32.42	13.07	249.67	32.05	3.77	102.46	
17/08/2024 07:20	18.13	7.43	145.77	12.97	18.23	2.05	58.55	12.95	31.79	13.04	255.63	31.86	3.58	102.3	
17/08/2024 07:25	18.33	7.64	146.66	12.98	18.03	2.05	61.5	12.95	32.17	13.42	257.43	31.5	3.58	107.51	
17/08/2024 07:30	18.38	7.31	141.99	12.97	18.52	2.24	58.4	12.95	32.23	12.81	249.02	32.37	3.92	102.06	
17/08/2024 07:35	18.27	7.49	144.92	12.97	1										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
17/08/2024 09:05	18.21	6.93	143.13	12.92	18.59	1.56	57.63	12.9	31.74	12.07	249.37	32.3	2.72	100.1	
17/08/2024 09:10	18.13	7.21	144.2	12.93	18.39	1.99	60.74	12.9	31.6	12.56	251.39	31.95	3.46	105.56	
17/08/2024 09:15	18.41	7.02	141.35	12.92	18.79	1.77	57.69	12.89	32.07	12.23	246.26	32.63	3.07	100.17	
17/08/2024 09:20	18.18	7.03	145.14	12.92	18.89	1.78	57.28	12.89	31.65	12.24	252.72	32.79	3.09	99.43	
17/08/2024 09:25	18.48	7.22	145.09	12.92	18.68	2	60.83	12.89	32.2	12.58	252.74	32.41	3.47	105.59	
17/08/2024 09:30	18.71	7	140.95	12.91	18.95	1.96	57.94	12.89	32.57	12.18	245.35	32.89	3.41	100.54	
17/08/2024 09:35	18.27	7.13	145.07	12.91	19.11	1.95	57.73	12.89	31.79	12.42	252.48	33.15	3.39	100.16	
17/08/2024 09:40	18.69	7.22	144.91	12.91	18.45	1.75	60.96	12.88	32.51	12.56	252.07	31.96	3.04	105.65	
17/08/2024 09:45	18.66	6.98	140.46	12.9	18.55	1.81	58.62	12.87	32.43	12.13	244.13	32.13	3.13	101.54	
17/08/2024 09:50	18.34	7.15	144.56	12.91	18.41	1.84	58.98	12.88	31.89	12.42	251.34	31.88	3.2	102.17	
17/08/2024 09:55	18.67	7.39	144.58	12.91	18.54	1.87	61.72	12.88	32.48	12.86	251.5	32.14	3.25	107.05	
17/08/2024 10:00	18.75	7.07	141.44	12.9	18.64	1.63	57.61	12.88	32.58	12.28	245.82	32.29	2.82	99.8	
17/08/2024 10:05	18.18	6.86	145.14	12.9	18.59	1.59	57.88	12.88	31.58	11.91	252.08	32.21	2.76	100.24	
17/08/2024 10:10	18.38	7.21	146.55	12.9	18.3	1.67	60.42	12.87	31.91	12.52	254.53	31.67	2.9	104.59	
17/08/2024 10:15	18.65	7.1	143.01	12.89	18.91	1.71	56.75	12.87	32.39	12.32	248.31	32.72	2.96	98.22	
17/08/2024 10:20	18.32	7.08	144.87	12.9	18.98	1.59	55.86	12.87	31.82	12.3	251.66	32.84	2.76	96.64	
17/08/2024 10:25	18.81	7.3	145.13	12.9	18.52	1.57	60.97	12.86	32.68	12.68	252.11	32.04	2.72	105.49	
17/08/2024 10:30	18.6	6.99	142.03	12.89	18.43	1.52	57.59	12.85	32.28	12.13	246.44	31.85	2.63	99.5	
17/08/2024 10:35	18.23	7.05	144.58	12.89	18.55	1.7	57.17	12.85	31.62	12.22	250.79	32.04	2.94	98.78	
17/08/2024 10:40	18.83	7.19	143.78	12.89	18.31	1.7	62.29	12.86	32.66	12.48	249.43	31.68	2.94	107.76	
17/08/2024 10:45	18.81	6.98	140.92	12.88	18.71	1.57	57.56	12.86	32.61	12.11	244.38	32.34	2.71	99.49	
17/08/2024 10:50	18.41	6.86	144.14	12.88	18.69	1.5	57.3	12.86	31.92	11.89	249.97	32.29	2.59	99.01	
17/08/2024 10:55	18.64	6.93	144.38	12.88	18.76	1.57	59.71	12.85	32.32	12.01	250.36	32.39	2.7	103.08	
17/08/2024 11:00	18.62	6.74	140.92	12.87	18.3	1.11	56.96	12.83	32.23	11.67	244.03	31.54	1.91	98.14	
17/08/2024 11:05	18.24	6.94	144.26	12.87	18.19	1.14	57.14	12.83	31.59	12.02	249.85	31.33	1.97	98.44	
17/08/2024 11:10	18.81	7.16	144.25	12.88	18.68	1.77	60.55	12.85	32.6	12.41	249.95	32.27	3.06	104.61	
17/08/2024 11:15	18.88	7.01	139.52	12.87	18.95	1.56	58.01	12.85	32.71	12.14	241.66	32.73	2.69	100.17	
17/08/2024 11:20	18.34	6.84	144.46	12.87	19.22	1.7	58.61	12.85	31.76	11.85	250.17	33.19	2.94	101.2	
17/08/2024 11:25	18.44	7.08	145.97	12.88	19.02	1.8	60.74	12.84	31.94	12.27	252.88	32.82	3.1	104.78	
17/08/2024 11:30	18.58	6.81	142.87	12.86	18.51	1.08	57.4	12.82	32.12	11.78	247.04	31.85	1.86	98.78	
17/08/2024 11:35	18.16	6.55	143.25	12.85	18.55	1.09	57.52	12.82	31.33	11.31	247.22	31.91	1.88	98.97	
17/08/2024 11:40	17.86	6.89	142.7	12.85	18.76	1.89	62.18	12.83	30.83	11.9	246.36	32.3	3.25	107.09	
17/08/2024 11:45	18.34	6.68	137.94	12.85	18.27	1.45	57.38	12.83	31.68	11.54	238.2	31.46	2.5	98.82	
17/08/2024 11:50	18.42	6.6	139.99	12.86	18.11	1.5	56.89	12.83	31.84	11.4	242	31.18	2.58	97.97	
17/08/2024 11:55	19.14	6.58	139.89	12.86	18.94	1.8	61.11	12.84	33.1	11.38	241.93	32.65	3.1	105.35	
17/08/2024 12:00	19.07	6.52	137.58	12.85	18.8	1.5	58.79	12.82	32.94	11.26	237.63	32.35	2.58	101.14	
17/08/2024 12:05	18.43	6.76	143.41	12.84	18.89	1.53	59.03	12.82	31.78	11.65	247.31	32.49	2.64	101.54	
17/08/2024 12:10	18.83	6.89	143.7	12.84	19.21	1.81	61.25	12.81	32.49	11.9	247.94	33	3.12	105.28	
17/08/2024 12:15	18.8	6.61	139.75	12.83	18.52	1.02	56.23	12.8	32.39	11.39	240.79	31.77	1.75	96.44	
17/08/2024 12:20	18.02	6.51	142.34	12.83	18.53	1.09	56.19	12.8	31.05	11.22	245.27	31.78	1.88	96.36	
17/08/2024 12:25	18	6.72	141.05	12.84	18.23	1.64	61.89	12.82	31.04	11.59	243.22	31.36	2.83	106.47	
17/08/2024 12:30	18.43	6.77	139.37	12.84	18.37	1.48	58.82	12.82	31.79	11.68	240.43	31.6	2.55	101.2	
17/08/2024 12:35	18.24	6.74	143.02	12.85	18.5	1.5	58.94	12.82	31.51	11.65	247.02	31.84	2.58	101.43	
17/08/2024 12:40	18.45	6.8	142.06	12.86	18.42	1.83	63.6	12.82	31.89	11.75	245.49	31.71	3.15	109.49	
17/08/2024 12:45	18.59	6.52	137.28	12.84	18.23	1.44	59.49	12.81	32.07	11.25	236.85	31.34	2.48	102.24	
17/08/2024 12:50	18.02	6.37	141.14	12.83	18.14	1.5	60.11	12.81	31.03	10.96	243.01	31.18	2.58	103.31	
17/08/2024 12:55	18.09	6.53	142.52	12.83	17.83	1.46	63.59	12.8	31.16	11.25	245.42	30.61	2.51	109.17	
17/08/2024 13:00	18.28	6.48	139.03	12.83	17.7	1.46	60.49	12.8	31.49	11.16	239.43	30.39	2.5	103.84	
17/08/2024 13:05	17.97	6.61	141.1	12.84	17.61	1.5	60.38	12.8	30.99	11.4	243.3	30.23	2.58	103.65	
17/08/2024 13:10	18.09	6.8	140.69	12.85	18.12	1.73	65.52	12.82	31.22	11.74	242.78	31.17	2.98	112.69	
17/08/2024 13:15	18.27	6.75	137.36	12.84	18.13	1.55	60.81	12.81	31.51	11.64	236.88	31.15	2.66	104.47	
17/08/2024 13:20	18.09	6.53	141.49	12.83	18.23	1.66	61.45	12.81	31.18	11.25	243.85	31.33	2.85	105.58	
17/08/2024 13:25	17.8	6.5	141.59	12.83	18.03	1.51	63.94	12.8	30.65	11.2	243.88	30.92	2.6	109.7	
17/08/2024 13:30	18.09	6.5	138.37	12.82	17.89	1.25	60.58	12.79	31.13	11.19	238.22	30.67	2.14	103.85	
17/08/2024 13:35	17.99	6.63	141.47	12.83	17.84	1.28	60.2	12.79	31	11.42	243.8	30.59	2.2	103.19	
17/08/2024 13:40	18.02	6.75	140.53	12.84	18.11	1.74	63.62	12.81	31.08	11.65	242.42	31.13	3	109.38	
17/08/2024 13:45	18.34	6.66	137.9	12.84	18.13	1.45	59.88	12.81	31.61	11.49	237.72	31.15	2.49	102.86	
17/08/2024 13:50	18.03	6.57	141.19	12.83	18.23	1.45	59.11	12.81	31.06	11.32	243.25	31.32	2.5	101.53	
17/08/2024 13:55	18.49	6.75	141.31	12.83	18.61	1.93	66.23	12.8	31.85	11.63	243.44	31.95	3.32	113.71	
17/08/2024 14:00	18.46	6.58	138.71	12.82	18.58	1.48	61.12	12.79	31.75	11.32	238.65	31.85	2.53	104.78	
17/08/2024 14:05	18.18	6.49	142.03	12.81	18.75	1.42	60.44	12.79	31.23	11.15	244.03	32.14	2.44	103.59	
17/08/2024 14:10	18.36	6.16	140.56	12.81	18.08	1.39	62.33	12.78	31.56	10.59	241.63	30.95	2.39	106.76	
17/08/2024 14:15	18.42	6.45	137.29	12.81	17.89	1.35	60.91	12.78	31.66	11.09	235.95	30.64	2.32	104.31	
17/08/2024 14:20	18	6.71	142.5	12.82	17.94	1.39	61.22	12.78	30.98	11.55	245.24	30.72	2.38	104.85	
17/08/2024 14:25	18.28	6.83	142.13	12.83	18.4	1.8	62.61	12.81	31.5	11.77	244.89	31.59	3.09	107.53	
17/08/2024 14:30	18.52	6.55	137.06	12.83	18.49	1.45	58.83	12.8	31.89	11.27	236.04	31.74	2.49	100.98	
17/08/2024 14:35	18.24	6.32	138.78	12.83	18.75	1.53	58.91	12.8	31.41	10.88	239.04	32.18	2.63	101.11	
17/08/2024 14:40	18.44	6.52	139.5	12.83	18.48	1.92	64.18	12.81	31.76	11.23	240.32	31.74	3.29	110.23	
17/08/2024 14:45	18.44	6.34	137.22	12.82	18.3	1.38	60.26	12.79	31.71	10.9	236.04	31.37	2.36	103.28	
17/08/2024 14:50	18.15	6.33	140.28	12.81	18.33	1.41	60.84	12.79	31.18	10.87	240.97	31.41	2.41	104.27	
17/08/2024 14:55	18.08	6.33	139.45	12.81	18.3	1.59	62.18	12.78	31.06	10.88	239.58	31.35	2.72	106.51	
17/08/2024 15:00	18.33	6.32	137.67	12.81	18.16	1.28	59.99	12.78	31.48	10.85	236.44	31.09	2.19	102.72	
17/08															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
17/08/2024 16:30	18.46	6.39	136.62	12.83	17.87	1.58	58.51	12.81	31.81	11.01	235.4	30.71	2.71	100.55	
17/08/2024 16:35	18.11	6.46	139.9	12.84	17.94	1.86	58.92	12.81	31.23	11.14	241.31	30.84	3.2	101.29	
17/08/2024 16:40	18.58	6.66	140.09	12.85	18.11	1.6	62.47	12.82	32.06	11.49	241.76	31.16	2.75	107.46	
17/08/2024 16:45	18.55	6.58	135.49	12.84	17.95	1.54	60.42	12.81	31.99	11.34	233.68	30.86	2.65	103.87	
17/08/2024 16:50	18.06	6.51	139.69	12.85	18.3	1.84	60.52	12.82	31.17	11.25	241.13	31.47	3.17	104.07	
17/08/2024 16:55	18.5	6.69	138.16	12.86	18	1.4	59.86	12.83	31.98	11.57	238.83	30.99	2.41	103.1	
17/08/2024 17:00	18.58	6.45	135.84	12.85	18.14	1.34	58.73	12.83	32.09	11.14	234.63	31.23	2.31	101.13	
17/08/2024 17:05	17.92	6.28	140.05	12.85	18.33	1.44	58.98	12.83	30.94	10.84	241.8	31.56	2.48	101.55	
17/08/2024 17:10	18.09	6.46	139.25	12.85	17.9	1.5	60.89	12.82	31.24	11.15	240.44	30.78	2.58	104.75	
17/08/2024 17:15	18.29	6.02	134.19	12.83	18.47	1.73	57.17	12.82	31.5	10.37	231.1	31.77	2.97	98.34	
17/08/2024 17:20	18.05	5.89	135.51	12.81	18.47	1.59	56.81	12.82	31.01	10.11	232.77	31.77	2.74	97.74	
17/08/2024 17:25	18.49	6.16	136.92	12.8	18.24	1.43	59.01	12.81	31.75	10.57	235.09	31.36	2.46	101.44	
17/08/2024 17:30	18.59	5.82	131.91	12.8	18.66	1.43	56.76	12.81	31.89	9.99	226.24	32.06	2.46	97.5	
17/08/2024 17:35	18.17	5.91	136	12.79	18.95	1.33	56.13	12.81	31.16	10.13	233.19	32.55	2.28	96.39	
17/08/2024 17:40	18.61	6.11	135.27	12.8	18.6	1.62	59.9	12.81	31.92	10.49	232.03	31.97	2.78	102.93	
17/08/2024 17:45	18.77	6.11	134.31	12.81	18.79	1.39	56.51	12.8	32.24	10.5	230.74	32.26	2.39	97.03	
17/08/2024 17:50	18.33	6.59	142.88	12.83	18.78	1.47	56.92	12.8	31.57	11.35	246.02	32.24	2.52	97.72	
17/08/2024 17:55	19.06	6.93	142.06	12.83	18.38	1.74	60.43	12.81	32.85	11.93	244.83	31.58	2.98	103.84	
17/08/2024 18:00	18.9	6.68	138.25	12.83	18.11	1.17	50.81	12.78	32.56	11.51	238.19	31.02	2	87.03	
17/08/2024 18:05	18.22	6.5	140.9	12.83	18.14	1.14	50.14	12.78	31.4	11.2	242.8	31.07	1.95	85.88	
17/08/2024 18:10	18.5	6.93	142.52	12.83	17.95	1.06	52.46	12.78	31.88	11.93	245.61	30.73	1.82	89.86	
17/08/2024 18:15	18.53	6.67	138.79	12.83	18.33	1.18	49.31	12.78	31.93	11.49	239.16	31.38	2.02	84.43	
17/08/2024 18:20	18.22	6.88	141.79	12.85	18.36	1.06	48.95	12.78	31.45	11.87	244.75	31.43	1.82	83.81	
17/08/2024 18:25	18.47	7.1	143.75	12.85	18.39	1.57	54.75	12.8	31.91	12.26	248.36	31.54	2.7	93.99	
17/08/2024 18:30	18.48	6.8	139.91	12.84	18.49	1.22	54.82	12.81	31.88	11.74	241.42	31.75	2.09	94.16	
17/08/2024 18:35	18.05	6.75	141.27	12.84	18.48	1.28	55.2	12.8	31.14	11.65	243.69	31.74	2.2	94.79	
17/08/2024 18:40	18.39	7.05	141.3	12.85	18.25	1.94	60.99	12.82	31.74	12.17	243.84	31.41	3.35	104.96	
17/08/2024 18:45	18.42	6.86	137.56	12.84	18.52	1.61	57.02	12.82	31.77	11.83	237.32	31.86	2.77	98.08	
17/08/2024 18:50	18.03	6.7	141.97	12.84	18.53	1.38	56.22	12.82	31.11	11.57	244.98	31.87	2.37	96.68	
17/08/2024 18:55	18.06	6.93	142.56	12.85	18.28	1.73	60.11	12.82	31.18	11.97	246.16	31.44	2.99	103.44	
17/08/2024 19:00	18.29	6.59	136.17	12.84	18.39	1.56	56.91	12.82	31.56	11.38	234.98	31.64	2.68	97.89	
17/08/2024 19:05	18.05	6.81	141.75	12.85	18.36	1.44	56.31	12.82	31.17	11.75	244.72	31.58	2.47	96.86	
17/08/2024 19:10	18.06	6.94	142.69	12.85	17.87	1.59	60.93	12.82	31.2	11.99	246.48	30.76	2.74	104.87	
17/08/2024 19:15	18.18	6.78	139.21	12.85	18.05	1.78	58.05	12.83	31.38	11.71	240.36	31.07	3.06	99.94	
17/08/2024 19:20	18.25	6.96	142	12.85	17.73	1.69	58.31	12.83	31.53	12.02	245.29	30.53	2.91	100.38	
17/08/2024 19:25	18.5	7.1	141.73	12.85	17.66	1.59	62.14	12.82	31.95	12.26	244.78	30.39	2.74	106.96	
17/08/2024 19:30	18.31	6.79	138.39	12.85	17.83	1.6	58.86	12.82	31.6	11.72	238.84	30.66	2.76	101.23	
17/08/2024 19:35	18.05	7.02	141.85	12.85	17.86	1.75	58.88	12.82	31.18	12.12	244.98	30.72	3.01	101.29	
17/08/2024 19:40	17.83	7.24	141.94	12.86	17.93	2.06	64.53	12.83	30.81	12.51	245.28	30.89	3.56	111.17	
17/08/2024 19:45	17.89	6.89	138.78	12.85	17.76	1.62	59.31	12.82	30.88	11.9	239.61	30.56	2.78	102.04	
17/08/2024 19:50	17.74	6.94	141.98	12.85	17.53	1.45	59.19	12.82	30.63	11.98	245.11	30.16	2.5	101.82	
17/08/2024 19:55	17.8	7.44	142.64	12.85	17.36	1.63	62.47	12.83	30.75	12.86	246.44	29.89	2.81	107.58	
17/08/2024 20:00	18.12	7.15	139.55	12.85	18.38	2.3	59.72	12.84	31.31	12.35	241.06	31.68	3.96	102.94	
17/08/2024 20:05	18.01	6.95	143.19	12.86	18.55	2.42	59.72	12.84	31.13	12.02	247.52	31.97	4.18	102.94	
17/08/2024 20:10	18.25	7.28	144.06	12.86	17.49	1.58	64.11	12.83	31.56	12.59	249.14	30.13	2.73	110.46	
17/08/2024 20:15	18.15	7	140.27	12.86	18.08	1.98	60.7	12.84	31.38	12.11	242.49	31.17	3.41	104.62	
17/08/2024 20:20	17.88	7.25	144.42	12.86	17.91	1.78	60.36	12.83	30.93	12.55	249.81	30.85	3.07	104	
17/08/2024 20:25	18.2	7.38	145.8	12.87	18.45	2.16	65.12	12.83	31.5	12.77	252.28	31.79	3.73	112.24	
17/08/2024 20:30	18.24	7.04	141.33	12.86	18.69	1.75	59.45	12.83	31.52	12.17	244.25	32.17	3.02	102.34	
17/08/2024 20:35	18.01	7.28	143.75	12.86	18.58	1.41	58.97	12.82	31.13	12.59	248.46	31.97	2.42	101.49	
17/08/2024 20:40	18.09	7.41	143.58	12.87	18.07	2.04	63.04	12.83	31.3	12.82	248.4	31.14	3.52	108.65	
17/08/2024 20:45	18.21	7.09	141.04	12.85	18.12	1.53	59.86	12.82	31.46	12.26	243.69	31.18	2.63	103.02	
17/08/2024 20:50	17.98	7.26	144.9	12.86	17.81	1.33	59.63	12.82	31.06	12.54	250.36	30.64	2.29	102.58	
17/08/2024 20:55	18	7.41	143.65	12.86	18.13	2.08	62.46	12.84	31.11	12.81	248.33	31.26	3.58	107.68	
17/08/2024 21:00	18.17	7.25	141.45	12.86	18.56	2.04	60.33	12.84	31.41	12.54	244.54	32.02	3.52	104.07	
17/08/2024 21:05	18.07	7.38	146.83	12.86	18.63	1.97	61.28	12.84	31.25	12.76	253.88	32.12	3.4	105.69	
17/08/2024 21:10	17.98	7.54	148.11	12.86	17.98	1.68	62.57	12.83	31.11	13.03	256.19	30.97	2.9	107.82	
17/08/2024 21:15	18.23	7.31	144.29	12.86	18.44	1.86	58.9	12.83	31.51	12.65	249.45	31.76	3.2	101.46	
17/08/2024 21:20	18.17	7.58	147.89	12.86	18.47	1.78	58.63	12.83	31.42	13.11	255.81	31.81	3.07	100.97	
17/08/2024 21:25	18.5	7.82	149.47	12.86	18.34	2.1	64.9	12.83	32	13.52	258.54	31.61	3.62	111.87	
17/08/2024 21:30	18.37	7.44	145.39	12.86	18.24	1.82	60.17	12.83	31.75	12.87	251.33	31.42	3.13	103.64	
17/08/2024 21:35	18.16	7.54	147.2	12.86	18.22	1.86	59.94	12.83	31.41	13.04	254.57	31.38	3.2	103.23	
17/08/2024 21:40	18.38	7.68	146.88	12.87	17.99	1.78	64.13	12.84	31.79	13.28	254.1	31.01	3.08	110.56	
17/08/2024 21:45	18.38	7.41	144.34	12.86	18.53	1.99	60.56	12.83	31.77	12.81	249.54	31.93	3.43	104.36	
17/08/2024 21:50	18.26	7.58	147.82	12.86	18.52	2.03	60.58	12.83	31.59	13.12	255.65	31.91	3.5	104.4	
17/08/2024 21:55	18.36	7.75	146.61	12.87	18.14	1.88	63.4	12.84	31.78	13.42	253.74	31.28	3.24	109.34	
17/08/2024 22:00	18.46	7.32	142.59	12.86	18.9	2.06	58.94	12.84	31.93	12.66	246.64	32.61	3.54	101.66	
17/08/2024 22:05	18.11	7.14	145.36	12.86	19.11	2.06	58.98	12.84	31.31	12.35	251.38	32.96	3.56	101.73	
17/08/2024 22:10	18.11	7.18	144.8	12.87	18.12	1.72	62.03	12.84	31.33	12.41	250.51	31.23	2.98	106.95	
17/08/2024 22:15	18.29	7.07	141.45	12.86	18.82	2.11	59.12	12.84	31.64	12.24	244.69	32.47	3.65	102	
17/08/2024 22:20	18.23	7.28	144.44	12.87	18.75	2.05	59.05	12.84	31.57	12.6	250.08	32.35	3.53	101.88	
17/08/2024 22:25	18.72	7.46	146.38	12.88	18.58	2.1	61.45	12.84	32.42	12.92	253.53	32.05	3.62	106.02	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
17/08/2024 23:55	18.61	7.57	145.63	12.87	18.37	2.13	61.56	12.84	32.21	13.1	252.09	31.7	3.68	106.22	
18/08/2024 00:00	18.43	6.95	139.65	12.86	18.12	1.56	56.63	12.83	31.88	12.03	241.54	31.22	2.69	97.58	
18/08/2024 00:05	18.07	7.14	142.91	12.87	18.3	1.56	55.89	12.83	31.26	12.35	247.25	31.52	2.69	96.28	
18/08/2024 00:10	18.67	7.53	142.87	12.87	18.26	2.12	62.11	12.85	32.33	13.04	247.38	31.51	3.67	107.21	
18/08/2024 00:15	18.43	7.15	139.88	12.86	18.08	1.82	60.16	12.84	31.89	12.36	242	31.18	3.13	103.74	
18/08/2024 00:20	17.92	7.36	145.22	12.87	17.92	1.75	60.66	12.84	31.02	12.73	251.31	30.9	3.02	104.59	
18/08/2024 00:25	18.16	7.54	143.73	12.88	18.12	2.15	62.34	12.84	31.45	13.06	248.96	31.26	3.71	107.59	
18/08/2024 00:30	18.35	7.25	141.48	12.86	18.76	1.9	57.97	12.84	31.74	12.54	244.76	32.33	3.28	99.93	
18/08/2024 00:35	18.15	7.18	144.42	12.85	19.06	1.86	57.53	12.83	31.35	12.41	249.52	32.85	3.21	99.15	
18/08/2024 00:40	18.77	7.39	146.48	12.85	18.2	2.09	63.26	12.83	32.42	12.78	253.08	31.35	3.61	108.96	
18/08/2024 00:45	18.63	7.23	142.11	12.85	18.78	2.35	60.11	12.83	32.18	12.49	245.49	32.36	4.04	103.56	
18/08/2024 00:50	18.26	7.33	145.3	12.86	19.03	2.52	60.22	12.83	31.57	12.68	251.28	32.79	4.34	103.76	
18/08/2024 00:55	18.44	7.5	146.7	12.87	18.5	1.99	61.28	12.84	31.92	12.99	253.95	31.89	3.43	105.69	
18/08/2024 01:00	18.48	7.26	141.24	12.86	18.75	2.01	57.6	12.84	31.96	12.56	244.3	32.32	3.46	99.3	
18/08/2024 01:05	18.34	7.43	145.27	12.87	18.86	2	57.67	12.84	31.74	12.86	251.43	32.51	3.45	99.43	
18/08/2024 01:10	18.81	7.5	143.34	12.88	18.66	2.08	60.94	12.85	32.61	13	248.47	32.22	3.58	105.22	
18/08/2024 01:15	18.77	7.28	140.39	12.87	18.7	2.07	57.62	12.84	32.5	12.6	243.08	32.25	3.57	99.4	
18/08/2024 01:20	18.36	7.32	145.97	12.87	18.64	2.14	58	12.84	31.8	12.68	252.8	32.16	3.69	100.05	
18/08/2024 01:25	18.72	7.6	146.3	12.88	18.44	2.15	60.5	12.85	32.45	13.17	253.66	31.84	3.71	104.49	
18/08/2024 01:30	18.69	7.27	142.87	12.88	18.94	2.13	57.24	12.85	32.38	12.59	247.55	32.71	3.68	98.85	
18/08/2024 01:35	18.45	7.32	146.72	12.88	18.95	2.05	56.98	12.85	31.97	12.69	254.26	32.73	3.54	98.4	
18/08/2024 01:40	18.69	7.54	147.39	12.88	18.53	2.18	62.48	12.85	32.38	13.06	255.39	32.01	3.76	107.93	
18/08/2024 01:45	18.82	7.4	142.87	12.87	18.9	2.21	57.42	12.85	32.59	12.81	247.44	32.65	3.82	99.19	
18/08/2024 01:50	18.53	7.37	146.4	12.88	18.92	2.2	57.2	12.85	32.1	12.77	253.67	32.69	3.81	98.81	
18/08/2024 01:55	18.25	7.5	146.43	12.88	18.48	1.98	59.41	12.85	31.63	13	253.82	31.9	3.42	102.58	
18/08/2024 02:00	18.57	7.21	142.89	12.88	18.92	2.17	57.55	12.85	32.17	12.49	247.58	32.68	3.75	99.39	
18/08/2024 02:05	18.62	7.57	146.62	12.89	18.95	2.24	57.41	12.85	32.3	13.13	254.32	32.73	3.86	99.12	
18/08/2024 02:10	18.82	7.67	146.88	12.89	18.63	2	59.86	12.86	32.65	13.31	254.8	32.2	3.46	103.45	
18/08/2024 02:15	18.79	7.34	143.27	12.88	18.78	2.04	57.75	12.85	32.58	12.72	248.35	32.45	3.53	99.78	
18/08/2024 02:20	18.61	7.54	146.25	12.89	18.86	2.03	57.94	12.85	32.29	13.07	253.76	32.58	3.51	100.08	
18/08/2024 02:25	18.5	7.77	146.45	12.9	18.53	2.17	61.33	12.87	32.14	13.5	254.41	32.06	3.76	106.14	
18/08/2024 02:30	18.62	7.43	141.77	12.89	18.87	2.08	57.98	12.86	32.32	12.9	246.06	32.64	3.6	100.29	
18/08/2024 02:35	18.59	7.42	146.24	12.89	18.98	2.06	57.14	12.86	32.27	12.88	253.84	32.83	3.57	98.82	
18/08/2024 02:40	18.86	7.71	146.91	12.9	18.56	2.21	61.71	12.87	32.76	13.39	255.2	32.12	3.82	106.86	
18/08/2024 02:45	18.93	7.49	141.09	12.9	18.99	2.3	58.23	12.87	32.87	13.01	245.03	32.9	3.99	100.85	
18/08/2024 02:50	18.61	7.4	146.31	12.9	19.06	2.28	58.45	12.87	32.33	12.86	254.13	33.01	3.95	101.23	
18/08/2024 02:55	18.88	7.64	145.88	12.9	18.29	2.07	61.43	12.87	32.79	13.28	253.41	31.66	3.58	106.35	
18/08/2024 03:00	18.8	7.45	139.72	12.9	19	2.27	58.27	12.87	32.64	12.94	242.63	32.89	3.92	100.86	
18/08/2024 03:05	18.43	7.55	145.38	12.9	19.2	2.25	58.16	12.87	32	13.12	252.48	33.24	3.9	100.67	
18/08/2024 03:10	18.47	7.61	144.95	12.9	18.32	2.04	60.03	12.87	32.08	13.22	251.76	31.7	3.54	103.89	
18/08/2024 03:15	18.52	7.37	140.84	12.89	18.76	2.22	58.34	12.87	32.15	12.79	244.46	32.46	3.83	100.94	
18/08/2024 03:20	18.19	7.54	144.75	12.9	18.89	2.24	58.23	12.87	31.62	13.1	251.54	32.69	3.87	100.77	
18/08/2024 03:25	18.44	7.75	145.03	12.91	18.52	2.37	62.41	12.88	32.07	13.49	252.24	32.09	4.11	108.2	
18/08/2024 03:30	18.48	7.41	141.77	12.9	18.77	2.16	58.14	12.87	32.11	12.88	246.38	32.51	3.74	100.69	
18/08/2024 03:35	18.29	7.48	143.44	12.9	18.91	2.14	58.06	12.87	31.79	13	249.33	32.73	3.71	100.53	
18/08/2024 03:40	18.33	7.75	145.08	12.91	18.32	2.33	61.27	12.89	31.88	13.49	252.37	31.78	4.04	106.27	
18/08/2024 03:45	18.59	7.42	141.73	12.91	18.94	2.25	56.65	12.88	32.32	12.9	246.46	32.84	3.91	98.24	
18/08/2024 03:50	18.46	7.55	145.12	12.91	19.09	2.24	56.19	12.88	32.12	13.14	252.49	33.1	3.88	97.4	
18/08/2024 03:55	18.79	7.94	147.05	12.92	18.6	2.34	60.74	12.89	32.72	13.83	256.04	32.28	4.06	105.44	
18/08/2024 04:00	18.76	7.62	144	12.91	18.93	2.3	57.08	12.89	32.66	13.27	250.63	32.84	3.99	99.05	
18/08/2024 04:05	18.28	7.54	144.41	12.91	19.03	2.28	57.08	12.89	31.81	13.13	251.34	33.02	3.96	99.04	
18/08/2024 04:10	18.42	7.69	144.53	12.92	18.43	2.4	62.43	12.89	32.08	13.39	251.66	31.99	4.18	108.38	
18/08/2024 04:15	18.56	7.4	141.32	12.91	18.87	2.39	58.26	12.89	32.29	12.88	245.91	32.74	4.15	101.07	
18/08/2024 04:20	18.36	7.61	145.06	12.91	18.86	2.39	57.97	12.89	31.95	13.24	252.48	32.71	4.15	100.54	
18/08/2024 04:25	18.61	7.72	144.77	12.92	18.36	2.51	64.69	12.89	32.4	13.45	252.07	31.86	4.36	112.29	
18/08/2024 04:30	18.62	7.5	141.92	12.91	18.79	2.44	57.8	12.89	32.41	13.05	247.02	32.59	4.23	100.26	
18/08/2024 04:35	18.39	7.7	146.31	12.92	18.77	2.45	57.63	12.89	32.03	13.4	254.77	32.55	4.26	99.95	
18/08/2024 04:40	18.41	7.93	146.25	12.92	18.48	2.28	60.58	12.89	32.06	13.8	254.71	32.05	3.96	105.11	
18/08/2024 04:45	18.57	7.6	142.23	12.91	18.94	2.54	58.41	12.89	32.33	13.23	247.59	32.88	4.41	101.39	
18/08/2024 04:50	18.37	7.77	146.41	12.92	19	2.58	58.39	12.89	31.99	13.53	255.01	32.98	4.48	101.35	
18/08/2024 04:55	18.28	7.86	147.13	12.93	18.41	2.3	62.19	12.89	31.86	13.71	256.43	31.95	3.99	107.95	
18/08/2024 05:00	18.51	7.66	143.41	12.92	18.73	2.48	58.34	12.89	32.23	13.34	249.75	32.5	4.31	101.25	
18/08/2024 05:05	18.39	7.74	145.63	12.92	18.7	2.49	57.75	12.89	32.01	13.48	253.57	32.45	4.31	100.2	
18/08/2024 05:10	18.77	7.97	145.75	12.92	18.37	2.4	62.82	12.89	32.69	13.89	253.89	31.89	4.18	109.1	
18/08/2024 05:15	18.71	7.79	140.36	12.92	18.75	2.64	59.89	12.9	32.59	13.57	244.45	32.57	4.58	104.03	
18/08/2024 05:20	18.26	7.87	147.82	12.93	18.84	2.69	60.27	12.9	31.82	13.72	257.67	32.73	4.67	104.69	
18/08/2024 05:25	18.42	8.03	147.89	12.93	18.17	2.43	64.81	12.9	32.11	14.01	257.87	31.56	4.22	112.61	
18/08/2024 05:30	18.6	7.72	145.31	12.92	18.86	2.48	58.23	12.9	32.41	13.45	253.2	32.76	4.3	101.12	
18/08/2024 05:35	18.45	7.62	143.95	12.93	18.92	2.49	58.05	12.9	32.16	13.28	250.91	32.86	4.32	100.82	
18/08/2024 05:40	18.73	7.63	143.67	12.93	18.39	2.22	59.99	12.9	32.69	13.31	250.71	31.94	3.86	104.25	
18/08/2024 05:45	18.62	7.45	140.87	12.93	18.94	2.54	58.03	12.9	32.46	12.98	245.6	32.9	4.4	100.82	
18/08/2024 05:50	18.42	7.7	145.11	12.92	18.95	2.56	58.16	12.9	32.1						



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
18/08/2024 07:20	18.3	8.07	147.7	12.93	18.89	2.75	59.2	12.91	31.94	14.09	257.75	32.85	4.78	102.95	
18/08/2024 07:25	18.45	8.14	149.22	12.94	18.16	2.5	66.5	12.9	32.22	14.22	260.54	31.56	4.36	115.62	
18/08/2024 07:30	18.49	7.76	145.15	12.93	18.41	2.44	59.83	12.89	32.23	13.52	253.1	31.97	4.23	103.88	
18/08/2024 07:35	18.15	7.89	146.95	12.92	18.31	2.49	59.84	12.89	31.63	13.75	256.11	31.79	4.31	103.88	
18/08/2024 07:40	18.64	8.02	145.66	12.93	18.2	2.42	61.63	12.9	32.49	13.98	253.98	31.6	4.21	107.03	
18/08/2024 07:45	18.56	7.86	143.41	12.92	18.71	2.43	60.1	12.89	32.31	13.69	249.73	32.46	4.22	104.27	
18/08/2024 07:50	18.19	7.94	148.25	12.91	18.83	2.41	60.19	12.89	31.65	13.81	257.96	32.66	4.18	104.41	
18/08/2024 07:55	18.5	8.04	148.15	12.91	18.28	2.43	62.24	12.89	32.2	13.99	257.86	31.71	4.21	107.96	
18/08/2024 08:00	18.45	7.77	144.33	12.91	18.66	2.51	58.79	12.88	32.1	13.51	251.1	32.36	4.34	101.94	
18/08/2024 08:05	18.22	7.87	147.42	12.91	18.61	2.45	58.75	12.88	31.71	13.69	256.54	32.27	4.26	101.88	
18/08/2024 08:10	18.27	8.15	148.06	12.91	18.3	2.4	62.48	12.88	31.79	14.19	257.7	31.73	4.17	108.35	
18/08/2024 08:15	18.44	7.89	144.48	12.91	18.84	2.64	60.36	12.89	32.08	13.74	251.42	32.67	4.59	104.7	
18/08/2024 08:20	18.15	7.94	147.75	12.91	18.88	2.67	60.86	12.89	31.59	13.81	257.12	32.74	4.64	105.58	
18/08/2024 08:25	18.4	7.97	146.77	12.91	18.24	2.19	63.51	12.88	32.01	13.88	255.4	31.61	3.8	110.09	
18/08/2024 08:30	18.47	7.82	144.29	12.91	18.76	2.47	58.61	12.88	32.13	13.6	250.95	32.51	4.28	101.57	
18/08/2024 08:35	18.18	8	148.36	12.91	18.81	2.45	58.13	12.88	31.65	13.93	258.2	32.6	4.25	100.74	
18/08/2024 08:40	17.2	8.18	148.89	12.91	18.52	2.23	63.82	12.88	29.94	14.23	259.1	32.08	3.87	110.57	
18/08/2024 08:45	17.74	7.61	143.27	12.9	18.43	2.12	60.42	12.87	30.82	13.23	248.96	31.9	3.68	104.57	
18/08/2024 08:50	18.23	7.79	147.18	12.9	18.39	2.05	60.11	12.87	31.66	13.53	255.59	31.82	3.54	104.01	
18/08/2024 08:55	18.8	8.07	147.11	12.9	18.41	2.55	64.51	12.87	32.65	14.01	255.55	31.87	4.41	111.72	
18/08/2024 09:00	18.72	7.69	143.71	12.89	18.91	2.42	59.39	12.86	32.49	13.35	249.41	32.7	4.19	102.71	
18/08/2024 09:05	18.28	7.72	147.94	12.89	19.02	2.42	59.13	12.86	31.71	13.39	256.63	32.89	4.19	102.25	
18/08/2024 09:10	18.41	7.88	148.02	12.89	18.24	2.25	62.66	12.85	31.93	13.67	256.78	31.51	3.89	108.27	
18/08/2024 09:15	18.5	7.62	144.3	12.88	18.93	2.51	59.23	12.86	32.07	13.2	250.17	32.71	4.34	102.34	
18/08/2024 09:20	18.36	7.72	147.35	12.88	18.88	2.47	59.16	12.86	31.84	13.38	255.49	32.62	4.27	102.22	
18/08/2024 09:25	18.43	7.94	148.15	12.88	18.47	2.06	61.84	12.85	31.94	13.76	256.81	31.87	3.55	106.73	
18/08/2024 09:30	18.61	7.53	143.76	12.87	18.67	2.2	59.9	12.84	32.22	13.04	248.89	32.21	3.79	103.33	
18/08/2024 09:35	18.36	7.75	146.7	12.87	18.58	2.19	60.08	12.84	31.79	13.41	253.93	32.05	3.78	103.64	
18/08/2024 09:40	18.73	7.83	146.81	12.87	18.38	2.22	62.79	12.84	32.44	13.56	254.24	31.69	3.83	108.32	
18/08/2024 09:45	18.75	7.5	143.45	12.86	18.75	2.3	59.44	12.83	32.43	12.98	248.11	32.31	3.97	102.42	
18/08/2024 09:50	18.29	7.55	147.12	12.86	18.81	2.5	60.27	12.83	31.6	13.04	254.24	32.42	4.31	103.86	
18/08/2024 09:55	18.5	7.72	146.56	12.86	18.45	2.11	61.52	12.83	31.98	13.35	253.37	31.77	3.63	105.97	
18/08/2024 10:00	18.63	7.57	145.1	12.86	18.72	2.32	59.61	12.83	32.2	13.08	250.75	32.25	3.99	102.67	
18/08/2024 10:05	18.39	7.43	146.63	12.85	18.83	2.39	59.63	12.83	31.77	12.84	253.33	32.42	4.12	102.68	
18/08/2024 10:10	18.91	7.52	146.08	12.85	18.62	2.14	62.51	12.83	32.66	12.99	252.33	32.06	3.68	107.64	
18/08/2024 10:15	18.86	7.36	142.97	12.85	18.59	2.06	59.37	12.82	32.57	12.7	246.85	31.99	3.54	102.18	
18/08/2024 10:20	18.42	7.52	146.2	12.85	18.67	2.08	59.59	12.82	31.81	12.99	252.47	32.13	3.58	102.56	
18/08/2024 10:25	18.45	7.81	147.18	12.85	18.39	2.05	62.27	12.82	31.85	13.49	254.15	31.64	3.52	107.16	
18/08/2024 10:30	18.51	7.47	143.44	12.84	18.51	2.13	58.62	12.81	31.92	12.89	247.43	31.82	3.66	100.74	
18/08/2024 10:35	18.4	7.39	145.99	12.84	18.42	2.28	58.31	12.81	31.71	12.75	251.67	31.66	3.92	100.2	
18/08/2024 10:40	18.75	7.75	146.01	12.84	18.44	2.01	61.5	12.81	32.33	13.37	251.82	31.71	3.46	105.75	
18/08/2024 10:45	18.82	7.45	142.42	12.84	18.89	2.2	59.35	12.81	32.45	12.85	245.58	32.47	3.77	102	
18/08/2024 10:50	18.4	7.21	144.93	12.84	19.14	2.39	59.47	12.81	31.72	12.43	249.79	32.89	4.11	102.19	
18/08/2024 10:55	18.12	7.15	144.45	12.83	18.84	1.97	61.39	12.8	31.21	12.31	248.75	32.33	3.39	105.34	
18/08/2024 11:00	18.36	6.95	140.65	12.82	18.44	1.74	59.01	12.79	31.57	11.96	241.95	31.61	2.98	101.16	
18/08/2024 11:05	18.29	7.29	145.79	12.82	18.33	1.72	58.94	12.79	31.47	12.54	250.85	31.42	2.95	101.04	
18/08/2024 11:10	18.53	7.61	146.72	12.83	18.73	2.18	63.72	12.8	31.9	13.11	252.56	32.15	3.75	109.38	
18/08/2024 11:15	18.76	7.37	141.94	12.82	18.97	1.75	58.39	12.79	32.26	12.67	244.09	32.52	2.99	100.08	
18/08/2024 11:20	18.43	7.01	145	12.8	18.89	1.66	58.45	12.79	31.64	12.04	248.94	32.37	2.84	100.17	
18/08/2024 11:25	18.44	7.11	145.5	12.8	18.36	1.67	60.9	12.77	31.65	12.21	249.78	31.39	2.86	104.12	
18/08/2024 11:30	18.58	6.96	141.57	12.8	18.73	1.63	57.69	12.76	31.87	11.94	242.82	31.99	2.78	98.56	
18/08/2024 11:35	18.45	7.05	144.61	12.8	18.73	1.64	57.34	12.76	31.66	12.09	248.08	32.01	2.8	97.97	
18/08/2024 11:40	18.67	7.24	144.09	12.8	18.5	1.62	61.42	12.77	32.05	12.43	247.37	31.63	2.77	105.05	
18/08/2024 11:45	19.01	7.16	140.92	12.79	19.15	1.74	58.04	12.76	32.59	12.28	241.66	32.71	2.97	99.15	
18/08/2024 11:50	18.4	7.01	145.07	12.78	19.39	1.84	57.81	12.76	31.5	12.01	248.34	33.12	3.15	98.73	
18/08/2024 11:55	18.33	7.04	144.94	12.78	18.74	1.63	61.86	12.75	31.38	12.05	248.15	31.94	2.78	105.46	
18/08/2024 12:00	18.55	6.95	141.67	12.77	18.47	1.39	58.01	12.74	31.72	11.88	242.28	31.45	2.37	98.75	
18/08/2024 12:05	18.23	6.98	145.01	12.77	18.42	1.53	57.88	12.74	31.19	11.94	248.03	31.36	2.61	98.54	
18/08/2024 12:10	18.67	7.12	143.83	12.78	19.05	2.04	62.57	12.75	31.96	12.18	246.25	32.51	3.48	106.79	
18/08/2024 12:15	18.86	6.93	139.75	12.78	18.86	1.66	58.96	12.75	32.26	11.86	239.14	32.16	2.82	100.55	
18/08/2024 12:20	18.47	6.63	141.77	12.77	19.08	1.72	58.45	12.75	31.57	11.33	242.34	32.54	2.93	99.69	
18/08/2024 12:25	18.64	6.71	141.08	12.77	18.98	1.65	59.43	12.74	31.87	11.47	241.26	32.32	2.82	101.23	
18/08/2024 12:30	18.62	6.51	137.35	12.76	18.49	1.22	56.94	12.72	31.77	11.11	234.43	31.42	2.07	96.78	
18/08/2024 12:35	18.21	6.43	142.06	12.74	18.05	1.17	56.84	12.72	31.03	10.96	242.07	30.66	1.99	96.58	
18/08/2024 12:40	18.28	6.67	141.97	12.74	18.33	1.54	62.08	12.73	31.16	11.37	241.95	31.17	2.61	105.57	
18/08/2024 12:45	18.54	6.6	138.01	12.75	18.51	1.52	58.25	12.73	31.6	11.25	235.29	31.48	2.58	99.04	
18/08/2024 12:50	18.23	6.62	140.94	12.76	18.59	1.5	57.53	12.73	31.13	11.3	240.69	31.62	2.55	97.82	
18/08/2024 12:55	18.49	6.74	140.2	12.76	18.72	1.72	61.04	12.74	31.59	11.52	239.52	31.89	2.94	103.99	
18/08/2024 13:00	18.71	6.77	138.88	12.76	18.72	1.46	59.14	12.73	31.94	11.57	237.14	31.86	2.49	100.65	
18/08/2024 13:05	18.4	6.74	142.82	12.76	18.92	1.45	59.59	12.73	31.39	11.5	243.74	32.2	2.47	101.42	
18/08/2024 13:10	18.8	7.03	143.06	12.76	19.13	1.89	62.27	12.73	32.08	12	244.19	32.54	3.22	105.93	
18/08/2024 13:15	18.7	6.7	139.87	12.75	18.81	1.39	58.95	12.72	31.88	11.42	238.45	31.95	2		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
18/08/2024 14:45	18.55	6.55	140.79	12.74	18.83	1.31	58.9	12.71	31.58	11.15	239.74	31.96	2.22	100.01	
18/08/2024 14:50	18.33	6.66	144.93	12.74	18.83	1.3	58.34	12.71	31.23	11.34	246.83	31.97	2.2	99.07	
18/08/2024 14:55	18.33	6.52	144.75	12.74	19.16	1.72	62.33	12.71	31.21	11.1	246.5	32.53	2.92	105.83	
18/08/2024 15:00	18.46	6.45	139.62	12.73	18.49	0.93	58.17	12.7	31.41	10.97	237.53	31.34	1.57	98.58	
18/08/2024 15:05	18.44	6.74	144.43	12.73	18.27	0.89	58.33	12.7	31.36	11.47	245.7	30.94	1.51	98.82	
18/08/2024 15:10	18.25	6.97	143.65	12.74	18.92	1.65	62.03	12.71	31.07	11.86	244.58	32.1	2.81	105.26	
18/08/2024 15:15	18.49	6.79	139.39	12.73	18.73	1.35	59.21	12.7	31.45	11.56	237.12	31.75	2.29	100.37	
18/08/2024 15:20	18.47	6.79	142.8	12.73	18.86	1.44	58.91	12.7	31.41	11.54	242.82	31.98	2.44	99.87	
18/08/2024 15:25	18.43	6.58	142.56	12.72	18.8	1.44	61.27	12.69	31.34	11.19	242.34	31.84	2.45	103.81	
18/08/2024 15:30	18.51	6.46	139.04	12.72	18.32	1.04	59.52	12.69	31.46	10.98	236.27	31.03	1.75	100.79	
18/08/2024 15:35	18.24	6.69	143.69	12.73	18.42	1.06	59.25	12.69	31.03	11.38	244.42	31.2	1.8	100.34	
18/08/2024 15:40	18.5	6.89	142.58	12.74	18.79	1.66	61.49	12.71	31.5	11.74	242.76	31.89	2.82	104.36	
18/08/2024 15:45	18.41	6.44	138.26	12.73	18.44	1.18	59.52	12.7	31.31	10.95	235.16	31.26	2.01	100.91	
18/08/2024 15:50	17.96	6.69	145.47	12.73	18.42	1.27	60.27	12.7	30.55	11.38	247.42	31.23	2.15	102.16	
18/08/2024 15:55	18.21	7.06	146.2	12.73	18.54	1.65	64.35	12.71	31	12.02	248.83	31.45	2.8	109.21	
18/08/2024 16:00	18.5	6.95	142.29	12.73	18.64	1.45	60.39	12.71	31.48	11.84	242.2	31.63	2.46	102.5	
18/08/2024 16:05	18.34	7.03	146.14	12.75	18.61	1.45	59.98	12.71	31.27	11.99	249.16	31.59	2.47	101.82	
18/08/2024 16:10	18.44	7.24	146.22	12.75	18.46	1.58	65.15	12.72	31.45	12.34	249.38	31.36	2.68	110.72	
18/08/2024 16:15	18.52	7.08	141.94	12.75	18	1.18	61.61	12.71	31.56	12.07	241.94	30.56	2	104.61	
18/08/2024 16:20	18.11	7.1	145.62	12.75	17.88	1.2	61.88	12.71	30.91	12.11	248.51	30.35	2.04	105.07	
18/08/2024 16:25	18.61	7.44	145.42	12.76	18.16	1.8	65.77	12.74	31.78	12.71	248.35	30.93	3.07	112.01	
18/08/2024 16:30	18.73	7.15	141.16	12.76	18.29	1.68	62.89	12.74	31.98	12.22	241.1	31.14	2.86	107.1	
18/08/2024 16:35	17.99	6.95	145.1	12.76	18.3	1.75	63.75	12.74	30.74	11.87	247.86	31.16	2.98	108.58	
18/08/2024 16:40	17.94	6.94	143.64	12.76	17.5	1.54	67.33	12.73	30.63	11.85	245.31	29.79	2.63	114.62	
18/08/2024 16:45	18.19	6.95	140.7	12.76	18.03	1.89	63.69	12.73	31.06	11.87	240.28	30.68	3.21	108.41	
18/08/2024 16:50	17.97	7.17	144.99	12.77	18	1.89	63.45	12.73	30.73	12.26	247.86	30.63	3.22	107.99	
18/08/2024 16:55	18.67	7.44	145.27	12.77	18.04	1.8	68.25	12.74	31.94	12.73	248.47	30.74	3.07	116.31	
18/08/2024 17:00	18.62	7.07	141.71	12.77	17.82	1.48	63.41	12.74	31.82	12.09	242.22	30.34	2.53	107.97	
18/08/2024 17:05	18.01	7.05	144.71	12.76	17.83	1.5	63.58	12.74	30.77	12.05	247.21	30.37	2.56	108.29	
18/08/2024 17:10	18.25	7.3	144.42	12.77	17.71	1.74	67.19	12.74	31.2	12.48	246.93	30.19	2.97	114.52	
18/08/2024 17:15	18.27	6.95	141.99	12.75	17.88	1.54	61.95	12.74	31.16	11.86	242.22	30.46	2.61	105.51	
18/08/2024 17:20	18.05	6.27	141.14	12.72	17.89	1.5	61.72	12.74	30.69	10.65	239.9	30.47	2.56	105.12	
18/08/2024 17:25	18.42	6.53	140	12.72	18.16	1.92	66.73	12.74	31.32	11.11	238	30.93	3.27	113.64	
18/08/2024 17:30	18.6	6.54	136.65	12.73	18.47	2.01	62.42	12.75	31.63	11.13	232.36	31.49	3.42	106.4	
18/08/2024 17:35	18.33	6.36	142.45	12.73	18.78	2.22	62.67	12.75	31.18	10.82	242.27	32.02	3.78	106.85	
18/08/2024 17:40	18.33	6.55	142.63	12.73	17.54	1.38	66.41	12.74	31.19	11.15	242.74	29.87	2.35	113.1	
18/08/2024 17:45	18.39	6.57	139.09	12.75	17.84	1.58	62.63	12.74	31.35	11.2	237.08	30.4	2.69	106.73	
18/08/2024 17:50	18.25	6.95	142.84	12.78	17.89	1.7	62.66	12.75	31.23	11.89	244.42	30.5	2.9	106.8	
18/08/2024 17:55	18.47	7.14	143.53	12.79	14.52	2.79	85.37	12.79	31.65	12.24	245.89	24.87	4.79	146.25	
18/08/2024 18:00	18.28	6.86	139.56	12.78	13.54	2.57	82.22	12.78	31.29	11.74	238.85	23.17	4.4	140.77	
18/08/2024 18:05	18.16	6.97	143.29	12.78	13.09	2.09	75.86	12.77	31.09	11.92	245.23	22.39	3.58	129.7	
18/08/2024 18:10	18.23	7.28	144.66	12.79	14.43	2.4	82.64	12.77	31.24	12.48	247.81	24.68	4.11	141.36	
18/08/2024 18:15	17.92	7.04	141.98	12.78	14.46	3.01	86.87	12.78	30.69	12.05	243.07	24.75	5.15	148.8	
18/08/2024 18:20	18.01	6.73	141.55	12.78	14.17	3.42	93.72	12.79	30.81	11.52	242.23	24.3	5.87	160.7	
18/08/2024 18:25	18.53	7.08	142.11	12.78	17.65	1.68	63.29	12.76	31.73	12.13	243.39	30.13	2.86	108.09	
18/08/2024 18:30	18.55	6.85	138.95	12.78	17.91	1.5	68.61	12.76	31.77	11.73	237.95	30.57	2.56	100.06	
18/08/2024 18:35	18.32	6.75	141.87	12.78	17.75	1.44	58.91	12.76	31.37	11.57	242.98	30.31	2.46	100.58	
18/08/2024 18:40	18.42	6.84	140.04	12.79	17.85	1.77	62.37	12.76	31.56	11.71	239.9	30.49	3.03	106.55	
18/08/2024 18:45	18.65	6.81	138.08	12.79	18.35	2.08	59.68	12.76	31.94	11.67	236.52	31.35	3.55	101.97	
18/08/2024 18:50	18.23	6.89	142.28	12.79	18.61	2.27	59.75	12.77	31.23	11.81	243.78	31.81	3.87	102.12	
18/08/2024 18:55	18.75	7.31	144.73	12.79	18.22	1.84	62.03	12.76	32.14	12.53	248.08	31.12	3.14	105.96	
18/08/2024 19:00	18.65	7.16	142.15	12.79	18.04	1.57	59.37	12.76	31.96	12.28	243.54	30.81	2.67	101.39	
18/08/2024 19:05	18.51	7.45	147.28	12.8	17.8	1.39	59.25	12.76	31.74	12.78	252.62	30.39	2.38	101.17	
18/08/2024 19:10	18.57	7.55	146.6	12.8	18.04	1.67	64.45	12.77	31.87	12.96	251.67	30.83	2.85	110.19	
18/08/2024 19:15	18.59	7.26	143.09	12.79	18.58	1.75	61.36	12.77	31.88	12.45	245.43	31.76	2.99	104.87	
18/08/2024 19:20	18.41	7.64	149.77	12.8	18.64	1.75	61.3	12.77	31.59	13.12	257.01	31.86	2.99	104.76	
18/08/2024 19:25	18.47	8.03	150.64	12.81	18.4	1.67	64.66	12.78	31.72	13.8	258.75	31.48	2.85	110.63	
18/08/2024 19:30	18.53	7.65	147.88	12.8	18.62	1.58	60.28	12.77	31.79	13.14	253.77	31.84	2.7	103.05	
18/08/2024 19:35	18.15	7.58	149.79	12.8	18.55	1.52	60.3	12.77	31.14	13.01	257.02	31.7	2.59	103.05	
18/08/2024 19:40	18.52	7.97	150.78	12.81	18.01	1.81	66.19	12.78	31.8	13.69	258.95	30.82	3.11	113.26	
18/08/2024 19:45	18.56	7.72	147.87	12.8	18.53	1.89	62.89	12.77	31.85	13.25	253.82	31.7	3.24	107.58	
18/08/2024 19:50	18.16	7.6	150.6	12.8	18.61	1.89	63	12.78	31.16	13.05	258.44	31.84	3.24	107.78	
18/08/2024 19:55	18.14	7.7	150.66	12.81	18.43	1.98	64.78	12.78	31.16	13.22	258.78	31.54	3.4	110.85	
18/08/2024 20:00	18.23	7.51	147.01	12.8	18.45	1.84	61.67	12.78	31.3	12.89	252.4	31.57	3.15	105.51	
18/08/2024 20:05	18.23	7.63	150.51	12.8	18.44	1.94	61.98	12.78	31.29	13.09	258.35	31.55	3.32	106.06	
18/08/2024 20:10	18.3	7.83	151.09	12.81	18.26	1.8	65.22	12.78	31.43	13.45	259.53	31.25	3.08	111.63	
18/08/2024 20:15	18.38	7.5	144.13	12.8	18.38	1.88	61.96	12.78	31.55	12.89	247.47	31.47	3.23	106.08	
18/08/2024 20:20	18.16	7.29	144.97	12.81	18.3	1.7	61.86	12.78	31.23	12.53	249.23	31.33	2.92	105.91	
18/08/2024 20:25	18.54	7.47	144.79	12.82	18.25	1.53	62.46	12.79	31.89	12.85	249.09	31.27	2.62	107.02	
18/08/2024 20:30	18.41	7.27	143.58	12.81	18.45	1.64	60.36	12.78	31.64	12.49	246.76	31.57	2.81	103.31	
18/08/2024 20:35	18.2	7.56	148.01	12.81	18.17	1.44	60.95	12.78	31.29	12.99	254.38	31.1	2.46	104.32	
18/08/2024 20:40	18.41	7.91	148.08	12.82	18.02										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
18/08/2024 22:10	18.4	7.82	150.02	12.82	18.23	1.86	63.9	12.79	31.65	13.44	257.99	31.24	3.2	109.48	
18/08/2024 22:15	18.45	7.53	146.61	12.81	18.55	2.1	61.79	12.79	31.71	12.95	252.03	31.79	3.6	105.9	
18/08/2024 22:20	18.1	7.66	149.98	12.82	18.25	1.89	62	12.79	31.14	13.18	258.01	31.28	3.24	106.25	
18/08/2024 22:25	18.61	7.94	150.42	12.82	18.24	1.89	64.79	12.79	32.02	13.65	258.77	31.25	3.23	111.04	
18/08/2024 22:30	18.6	7.66	147.06	12.81	18.33	1.85	61.01	12.78	31.97	13.17	252.79	31.39	3.17	104.46	
18/08/2024 22:35	18.29	7.81	150.81	12.81	18.28	1.69	60.47	12.78	31.44	13.43	259.27	31.29	2.89	103.49	
18/08/2024 22:40	18.32	8	151.8	12.82	17.99	1.7	65.35	12.78	31.49	13.76	260.99	30.81	2.91	111.94	
18/08/2024 22:45	18.36	7.62	147.91	12.81	18.32	1.78	62.38	12.78	31.54	13.1	254.16	31.36	3.05	106.81	
18/08/2024 22:50	18.31	7.79	150.06	12.82	18.42	1.84	62.84	12.78	31.48	13.4	258.06	31.54	3.16	107.59	
18/08/2024 22:55	18.77	7.93	149.74	12.82	18.54	2.18	64.91	12.79	32.31	13.65	257.7	31.78	3.74	111.32	
18/08/2024 23:00	18.63	7.58	146.7	12.81	18.66	1.82	59.95	12.78	32.03	13.03	252.24	31.96	3.11	102.67	
18/08/2024 23:05	18.24	7.57	150.68	12.81	18.61	1.78	59.98	12.78	31.34	13.01	258.89	31.86	3.05	102.7	
18/08/2024 23:10	17.87	7.72	149.86	12.81	17.82	1.73	65.07	12.78	30.71	13.27	257.56	30.51	2.97	111.45	
18/08/2024 23:15	18.17	7.61	147.78	12.81	18.38	1.94	61.12	12.79	31.21	13.07	253.88	31.48	3.32	104.69	
18/08/2024 23:20	18.01	7.56	150.34	12.81	18.34	1.95	60.27	12.78	30.94	12.99	258.23	31.42	3.35	103.22	
18/08/2024 23:25	18.69	7.86	150.38	12.81	18.62	2.08	63.63	12.78	32.1	13.5	258.26	31.87	3.57	108.92	
18/08/2024 23:30	18.69	7.67	146.7	12.8	18.88	2.25	61.49	12.78	32.1	13.17	251.9	32.32	3.85	105.27	
18/08/2024 23:35	17.99	7.7	150.44	12.81	19.36	2.63	62.36	12.79	30.92	13.24	258.54	33.16	4.5	106.83	
18/08/2024 23:40	17.92	7.98	150.34	12.81	18.41	1.99	64.66	12.78	30.8	13.72	258.45	31.52	3.41	110.74	
18/08/2024 23:45	18.17	7.7	147.56	12.81	18.37	1.78	60.42	12.78	31.22	13.24	253.54	31.43	3.05	103.4	
18/08/2024 23:50	18.22	7.83	149.86	12.82	18.3	1.75	60.66	12.78	31.35	13.47	257.74	31.31	3	103.81	
18/08/2024 23:55	18.49	8.01	149.71	12.83	18.32	2.17	64.63	12.8	31.83	13.78	257.71	31.43	3.72	110.87	
19/08/2024 00:00	18.53	7.63	146.2	12.82	18.42	2	62.68	12.79	31.87	13.12	251.44	31.57	3.43	107.4	
19/08/2024 00:05	18.13	7.7	149.21	12.82	18.17	1.99	63.94	12.79	31.18	13.24	256.6	31.13	3.4	109.53	
19/08/2024 00:10	18.33	7.85	149.34	12.83	18.37	2.24	65.56	12.8	31.56	13.51	257.06	31.51	3.85	112.48	
19/08/2024 00:15	18.45	7.54	146.05	12.82	19.05	2.29	61.22	12.79	31.72	12.96	251.17	32.66	3.93	104.96	
19/08/2024 00:20	17.95	7.54	149.3	12.82	19.25	2.45	61.14	12.79	30.86	12.97	256.68	33	4.21	104.82	
19/08/2024 00:25	18.24	7.64	147.19	12.82	18.38	2	63.37	12.79	31.36	13.15	253.13	31.5	3.43	108.63	
19/08/2024 00:30	18.43	7.6	145.56	12.82	18.9	2.23	61.28	12.79	31.7	13.06	250.32	32.41	3.83	105.08	
19/08/2024 00:35	18.25	7.69	150.73	12.82	19.19	2.38	61.53	12.8	31.39	13.24	259.29	32.91	4.08	105.53	
19/08/2024 00:40	18.44	7.7	149.56	12.82	18.13	1.87	65.23	12.79	31.72	13.24	257.3	31.07	3.21	111.79	
19/08/2024 00:45	18.41	7.3	144.44	12.81	18.61	1.92	60.23	12.79	31.66	12.55	248.33	31.89	3.3	103.22	
19/08/2024 00:50	18.03	7.47	146.88	12.82	18.31	1.66	59.8	12.79	31.03	12.85	252.69	31.38	2.84	102.46	
19/08/2024 00:55	18.35	7.73	146.76	12.82	18.17	2	64.44	12.79	31.59	13.3	252.58	31.15	3.43	110.5	
19/08/2024 01:00	18.4	7.47	144.15	12.82	18.52	2.14	61.43	12.79	31.65	12.85	247.91	31.74	3.67	105.29	
19/08/2024 01:05	18.46	7.61	147.12	12.82	18.75	2.25	61.72	12.79	31.76	13.1	253.09	32.14	3.86	105.81	
19/08/2024 01:10	18.58	7.81	146.82	12.83	18.02	1.93	67.1	12.8	31.98	13.45	252.74	30.93	3.32	115.16	
19/08/2024 01:15	18.59	7.38	141.38	12.82	18.21	2.08	60.28	12.8	32	12.7	243.37	31.27	3.56	103.51	
19/08/2024 01:20	18.29	7.57	147.96	12.83	18.16	2.03	59.97	12.8	31.5	13.04	254.88	31.17	3.49	102.95	
19/08/2024 01:25	18.42	7.82	148.94	12.83	18.12	1.78	63.09	12.8	31.74	13.47	256.62	31.08	3.06	108.25	
19/08/2024 01:30	18.49	7.51	142.76	12.83	18.45	1.87	60.58	12.8	31.83	12.93	245.79	31.66	3.21	103.93	
19/08/2024 01:35	18.29	7.61	147.02	12.83	18.39	1.8	60.69	12.8	31.51	13.12	253.28	31.55	3.08	104.1	
19/08/2024 01:40	18.54	7.97	149.93	12.84	18.41	2.11	64.94	12.8	31.97	13.74	258.54	31.62	3.62	111.53	
19/08/2024 01:45	18.53	7.54	145.91	12.83	18.57	1.96	61.2	12.8	31.92	13	251.35	31.86	3.36	105.02	
19/08/2024 01:50	18.24	7.6	147.96	12.83	18.5	2	61.92	12.8	31.4	13.09	254.77	31.75	3.43	106.26	
19/08/2024 01:55	18.75	7.86	146.57	12.83	18.33	2.21	64.45	12.8	32.3	13.55	252.49	31.45	3.8	110.64	
19/08/2024 02:00	18.73	7.54	143.55	12.82	18.83	1.96	59.59	12.79	32.24	12.98	247.05	32.29	3.35	102.2	
19/08/2024 02:05	18.31	7.47	147.41	12.82	18.86	1.86	59.08	12.79	31.51	12.85	253.67	32.34	3.19	101.3	
19/08/2024 02:10	18.14	7.81	147.45	12.83	18.37	2.18	63.64	12.8	31.24	13.46	253.92	31.54	3.75	109.26	
19/08/2024 02:15	18.36	7.6	144.76	12.83	18.83	2.17	59.9	12.8	31.61	13.09	249.22	32.33	3.73	102.82	
19/08/2024 02:20	18.2	7.51	147.64	12.83	18.95	2.14	59.95	12.8	31.34	12.94	254.29	32.53	3.68	102.9	
19/08/2024 02:25	18.6	7.85	147.73	12.83	18.33	2.04	63.72	12.8	32.04	13.52	254.39	31.45	3.5	109.37	
19/08/2024 02:30	18.61	7.72	144.34	12.82	18.53	2.21	61.44	12.8	32.02	13.29	248.43	31.79	3.78	105.4	
19/08/2024 02:35	18.04	7.81	151.2	12.83	18.67	2.38	61.78	12.8	31.05	13.44	260.29	32.03	4.08	105.98	
19/08/2024 02:40	18.32	8.11	152.31	12.83	18.31	2.12	65.35	12.79	31.55	13.97	262.28	31.4	3.64	112.1	
19/08/2024 02:45	18.35	7.63	145.68	12.82	18.64	1.97	61.82	12.79	31.57	13.12	250.67	31.95	3.37	105.97	
19/08/2024 02:50	18.22	7.84	149.31	12.83	18.86	1.99	61.64	12.79	31.37	13.5	257.08	32.32	3.4	105.64	
19/08/2024 02:55	18.13	7.86	149.13	12.83	18.28	2.16	65.19	12.8	31.24	13.55	257	31.38	3.7	111.92	
19/08/2024 03:00	18.38	7.8	146.46	12.82	18.77	2.18	62.44	12.8	31.64	13.43	252.12	32.2	3.73	107.13	
19/08/2024 03:05	18.11	7.95	152.04	12.82	18.89	2.17	61.8	12.8	31.18	13.68	261.69	32.4	3.73	105.99	
19/08/2024 03:10	18.84	8.16	152	12.83	18.35	2.2	65.18	12.8	32.44	14.05	261.74	31.48	3.78	111.87	
19/08/2024 03:15	18.67	7.73	147.13	12.82	18.47	2.24	62.58	12.8	32.13	13.31	253.27	31.71	3.85	107.45	
19/08/2024 03:20	18.08	7.62	148.97	12.83	18.3	2.19	62.78	12.81	31.14	13.13	256.6	31.42	3.76	107.82	
19/08/2024 03:25	18.07	7.89	149.9	12.84	17.77	2.1	66.05	12.81	31.15	13.6	258.44	30.53	3.62	113.49	
19/08/2024 03:30	18.31	7.75	147.05	12.84	18.5	2.36	62.47	12.81	31.56	13.37	253.51	31.79	4.05	107.35	
19/08/2024 03:35	18.36	7.66	149.33	12.84	18.44	2.42	63.11	12.81	31.65	13.2	257.42	31.69	4.17	108.49	
19/08/2024 03:40	18.68	7.79	148.88	12.84	18.43	1.87	61.98	12.81	32.19	13.42	256.63	31.65	3.22	106.46	
19/08/2024 03:45	18.74	7.7	146.88	12.83	18.6	2.11	60.56	12.81	32.29	13.26	253.1	31.95	3.63	104.03	
19/08/2024 03:50	18.45	8.1	152.05	12.84	18.55	2.17	61.39	12.81	31.81	13.96	262.13	31.86	3.73	105.47	
19/08/2024 03:55	18.64	8.32	153.06	12.84	18.34	2.25	63.93	12.82	32.16	14.35	264.03	31.52	3.87	109.93	
19/08/2024 04:00	18.56	8.01	149.31	12.84	18.65	2.27	60.75	12.81	32.01	13.82	257.48	32.07	3.9	104.42	
19/08/2024 04:05	18.16	8.27	153.39	12.85	18.52	2.28	61.42	12.81	31.35</						



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
19/08/2024 05:35	18.29	8.48	153.35	12.87	18.55	2.77	63.67	12.84	31.65	14.67	265.35	31.97	4.77	109.75	
19/08/2024 05:40	18.14	8.61	153.21	12.87	17.95	2.51	67.1	12.84	31.39	14.9	265.12	30.96	4.33	115.74	
19/08/2024 05:45	18.31	8.4	150.9	12.87	18.41	2.65	63.26	12.84	31.68	14.54	261.08	31.75	4.56	109.12	
19/08/2024 05:50	18.27	8.68	154.75	12.87	18.61	2.7	62.36	12.84	31.62	15.03	267.88	32.1	4.66	107.55	
19/08/2024 05:55	18.61	8.95	157.56	12.88	18.07	2.67	69.25	12.84	32.24	15.52	273.01	31.17	4.61	119.49	
19/08/2024 06:00	18.49	8.66	153.55	12.87	18.35	2.8	66.38	12.84	32.01	15	265.88	31.66	4.84	114.52	
19/08/2024 06:05	18.12	8.7	155.1	12.87	18.42	2.86	66.56	12.84	31.37	15.07	268.52	31.78	4.93	114.82	
19/08/2024 06:10	18.22	8.77	154.89	12.88	17.83	2.52	67.84	12.84	31.57	15.19	268.34	30.76	4.36	117.04	
19/08/2024 06:15	18.26	8.52	149.76	12.87	18.08	2.69	65.41	12.84	31.61	14.76	259.25	31.18	4.64	112.81	
19/08/2024 06:20	18.23	8.59	154.08	12.87	18	2.63	64.03	12.84	31.57	14.87	266.79	31.04	4.53	110.41	
19/08/2024 06:25	18.36	8.84	154.3	12.88	17.91	2.61	69.48	12.84	31.81	15.32	267.25	30.9	4.51	119.86	
19/08/2024 06:30	18.3	8.46	150.22	12.87	18.07	2.86	67.37	12.84	31.66	14.65	259.99	31.17	4.93	116.21	
19/08/2024 06:35	18.03	8.59	154.25	12.87	17.97	2.94	67.48	12.84	31.22	14.88	267.16	31	5.07	116.41	
19/08/2024 06:40	18.48	8.72	153.28	12.88	18.16	2.64	68.83	12.84	32.01	15.1	265.5	31.34	4.56	118.78	
19/08/2024 06:45	18.47	8.42	150.05	12.87	18.37	2.7	64.64	12.84	31.98	14.57	259.75	31.69	4.65	111.49	
19/08/2024 06:50	18.11	8.52	154.03	12.88	18.33	2.78	65.11	12.84	31.37	14.76	266.81	31.61	4.8	112.29	
19/08/2024 06:55	18.41	8.81	155.28	12.88	18.22	2.64	68.57	12.84	31.89	15.27	268.96	31.43	4.56	118.32	
19/08/2024 07:00	18.36	8.35	150.97	12.87	18.44	2.58	65.33	12.84	31.76	14.46	261.22	31.8	4.45	112.67	
19/08/2024 07:05	17.99	8.46	152.7	12.87	18.39	2.6	65.56	12.84	31.12	14.64	264.23	31.71	4.47	113.05	
19/08/2024 07:10	18.53	8.84	153.49	12.88	18.06	2.55	66.77	12.84	32.09	15.32	265.91	31.16	4.4	115.19	
19/08/2024 07:15	18.39	8.51	152.5	12.87	18.06	2.43	64.14	12.83	31.83	14.74	263.92	31.13	4.18	110.54	
19/08/2024 07:20	18.03	8.43	153.33	12.86	18.02	2.39	64	12.83	31.18	14.58	265.1	31.04	4.12	110.27	
19/08/2024 07:25	18.38	8.63	152.66	12.86	18.11	2.53	67.04	12.83	31.79	14.92	264.01	31.2	4.37	115.52	
19/08/2024 07:30	18.36	8.15	149.61	12.85	18.18	2.66	64.9	12.82	31.72	14.09	258.41	31.28	4.57	111.71	
19/08/2024 07:35	17.85	8.18	152	12.84	18.47	2.78	65.55	12.82	30.8	14.12	262.3	31.79	4.79	112.81	
19/08/2024 07:40	18.65	8.43	152.51	12.85	17.96	2.57	68.87	12.82	32.2	14.55	263.34	30.9	4.43	118.5	
19/08/2024 07:45	18.45	8.02	146.11	12.84	18.03	2.63	65.89	12.82	31.83	13.84	252.16	31.01	4.52	113.31	
19/08/2024 07:50	17.87	8.23	153.09	12.84	18.14	2.69	65.8	12.82	30.84	14.19	264.11	31.2	4.62	113.15	
19/08/2024 07:55	18.15	8.38	152.31	12.84	17.64	2.29	70.02	12.81	31.3	14.45	262.64	30.31	3.94	120.29	
19/08/2024 08:00	18.16	8.17	149.06	12.84	18.1	2.65	66.17	12.81	31.31	14.08	257.01	31.1	4.55	113.74	
19/08/2024 08:05	18	8.15	150.85	12.84	18.16	2.75	66.47	12.81	31.05	14.05	260.16	31.21	4.73	114.26	
19/08/2024 08:10	18.26	8.23	150.63	12.84	17.51	2.43	69.36	12.81	31.49	14.19	259.74	30.09	4.17	119.17	
19/08/2024 08:15	18.28	8.03	147.62	12.84	17.9	2.58	66.39	12.81	31.5	13.84	254.44	30.76	4.43	114.09	
19/08/2024 08:20	17.89	8.15	150.06	12.84	18.16	2.85	66.58	12.81	30.83	14.04	258.66	31.21	4.89	114.45	
19/08/2024 08:25	18.19	8.39	150.48	12.84	17.7	2.43	69.53	12.81	31.37	14.47	259.53	30.41	4.18	119.47	
19/08/2024 08:30	18.19	8.07	145.33	12.83	17.96	2.34	65.6	12.8	31.34	13.9	250.3	30.82	4.01	112.58	
19/08/2024 08:35	17.84	7.92	149.17	12.83	18.06	2.38	65.05	12.8	30.71	13.64	256.8	30.99	4.08	111.6	
19/08/2024 08:40	18.37	8.21	149.9	12.83	17.48	2.42	69.95	12.8	31.66	14.14	258.34	30	4.16	120.11	
19/08/2024 08:45	18.39	7.93	147.31	12.83	18.03	2.41	66.45	12.8	31.66	13.66	253.62	30.93	4.13	114.02	
19/08/2024 08:50	17.79	7.84	150.27	12.82	18.08	2.42	66.38	12.8	30.6	13.49	258.45	31.02	4.16	113.88	
19/08/2024 08:55	18.14	8.19	151.28	12.82	17.87	2.49	69.85	12.79	31.21	14.09	260.3	30.64	4.28	119.78	
19/08/2024 09:00	18.29	7.98	147.69	12.82	18.07	2.49	65.79	12.79	31.45	13.71	253.95	30.97	4.27	112.76	
19/08/2024 09:05	17.95	7.84	150.15	12.81	18.06	2.5	65.78	12.79	30.84	13.48	257.98	30.95	4.29	112.73	
19/08/2024 09:10	18.12	7.97	148.66	12.81	17.68	2.17	68.19	12.78	31.13	13.69	255.36	30.25	3.72	116.69	
19/08/2024 09:15	18.27	7.87	147.07	12.8	18.38	2.26	64.16	12.78	31.37	13.51	252.48	31.45	3.87	109.77	
19/08/2024 09:20	18.12	8.11	152.27	12.81	18.44	2.2	63.75	12.78	31.12	13.93	261.47	31.54	3.77	109.06	
19/08/2024 09:25	18.28	8.3	152.13	12.81	18.37	2.29	66.46	12.77	31.41	14.25	261.41	31.41	3.91	113.72	
19/08/2024 09:30	18.4	7.95	148.69	12.8	18.5	2.09	64.24	12.77	31.58	13.64	255.14	31.61	3.57	109.78	
19/08/2024 09:35	18	7.99	152.23	12.79	18.56	2.17	64.94	12.77	30.87	13.7	261.04	31.72	3.71	110.97	
19/08/2024 09:40	18.45	8.22	151.41	12.8	18.13	2.25	68.6	12.77	31.66	14.11	259.73	30.99	3.86	117.31	
19/08/2024 09:45	18.48	7.94	148.59	12.79	18.3	2.14	64.13	12.76	31.66	13.61	254.68	31.25	3.65	109.53	
19/08/2024 09:50	17.9	7.8	151.32	12.78	18.3	2.11	63.36	12.76	30.66	13.35	259.16	31.24	3.6	108.16	
19/08/2024 09:55	18.3	7.97	150.39	12.78	18.08	2.31	68.42	12.76	31.34	13.66	257.58	30.88	3.95	116.86	
19/08/2024 10:00	18.4	7.98	147.73	12.78	18.26	2.15	65.05	12.76	31.52	13.67	253.02	31.18	3.68	111.08	
19/08/2024 10:05	18.01	7.83	150.78	12.79	18.11	2.06	64.92	12.76	30.86	13.42	258.3	30.92	3.52	110.85	
19/08/2024 10:10	18.19	8.03	151.17	12.79	18.05	2.14	67.86	12.75	31.17	13.77	259.06	30.8	3.65	115.79	
19/08/2024 10:15	18.21	7.74	148.07	12.78	18.03	1.9	65.65	12.74	31.17	13.25	253.4	30.72	3.24	111.86	
19/08/2024 10:20	17.84	7.84	150.15	12.77	18	1.84	66.25	12.74	30.53	13.41	256.88	30.67	3.14	112.88	
19/08/2024 10:25	18.05	7.9	149.67	12.78	17.91	2.26	69.24	12.75	30.9	13.53	256.31	30.55	3.86	118.12	
19/08/2024 10:30	18.25	7.85	145.72	12.77	18.35	2.17	66.62	12.75	31.22	13.43	249.28	31.28	3.7	113.56	
19/08/2024 10:35	17.93	7.62	150.19	12.76	18.3	2.17	67.83	12.74	30.62	13.01	256.43	31.18	3.7	115.59	
19/08/2024 10:40	18.17	7.74	149.96	12.76	17.54	1.85	69.05	12.72	31.01	13.21	255.96	29.82	3.15	117.39	
19/08/2024 10:45	18.22	7.52	146.5	12.75	17.73	1.73	64.37	12.72	31.07	12.83	249.83	30.11	2.94	109.35	
19/08/2024 10:50	18.13	7.58	148.88	12.75	17.81	1.59	63.61	12.72	30.94	12.93	254.05	30.26	2.71	108.05	
19/08/2024 10:55	18.3	7.62	147.13	12.76	18.08	2.21	67.13	12.74	31.26	13.02	251.27	30.79	3.77	114.32	
19/08/2024 11:00	18.48	7.55	144.7	12.76	18.27	1.95	63.96	12.73	31.55	12.88	246.99	31.09	3.31	108.86	
19/08/2024 11:05	18.26	7.46	148.58	12.75	18.39	1.97	63.78	12.73	31.14	12.73	253.36	31.3	3.35	108.55	
19/08/2024 11:10	18.52	7.72	149.8	12.75	18.45	2.1	68.84	12.71	31.57	13.16	255.34	31.33	3.56	116.93	
19/08/2024 11:15	18.37	7.59	146.97	12.74	18.14	1.69	63.05	12.7	31.29	12.93	250.27	30.77	2.87	106.91	
19/08/2024 11:20	17.96	7.65	149.72	12.74	17.91	1.58	62.84	12.7	30.59	13.03	254.94	30.35	2.68	106.53	
19/08/2024 11:25	18.11	7.92	149.76	12.74	18.52	2.46	68.74	12.72	30.86	13.5	255.18	31.46	4.17	116.79	
19/08/2024 11:30	18.27	7.75	146.42	12.74	18.4	1.96	64.6	12.71	31.11	13.19	249.33	31.23	3.33	109.6	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
19/08/2024 13:00	18.45	7.79	146.19	12.72	17.83	1.85	67.51	12.69	31.33	13.24	248.34	30.18	3.13	114.27	
19/08/2024 13:05	17.99	7.49	149.69	12.71	18	1.84	66.83	12.69	30.54	12.72	254.11	30.46	3.12	113.09	
19/08/2024 13:10	17.9	7.55	150.43	12.71	18.13	2.23	70.4	12.68	30.39	12.82	255.33	30.67	3.78	119.12	
19/08/2024 13:15	18.02	7.24	146.4	12.7	17.83	1.71	67.15	12.67	30.55	12.28	248.2	30.12	2.89	113.45	
19/08/2024 13:20	18.4	7.37	148.63	12.69	17.86	1.69	67.31	12.67	31.16	12.48	251.68	30.17	2.85	113.71	
19/08/2024 13:25	18.5	7.16	146.93	12.69	18.1	1.82	67	12.66	31.32	12.12	248.73	30.54	3.06	113.05	
19/08/2024 13:30	18.31	7.03	144.62	12.68	17.39	1.11	64.83	12.65	30.98	11.89	244.69	29.31	1.88	109.24	
19/08/2024 13:35	17.94	7.23	148.54	12.7	17.45	1.13	64.95	12.65	30.4	12.25	251.65	29.41	1.9	109.46	
19/08/2024 13:40	18.2	7.3	146.38	12.7	17.92	1.92	66.66	12.68	30.87	12.39	248.28	30.31	3.24	112.75	
19/08/2024 13:45	18.37	7.31	143.94	12.71	17.74	1.64	64	12.68	31.16	12.4	244.19	30	2.77	108.28	
19/08/2024 13:50	18.3	7.31	147.98	12.71	17.64	1.67	63.98	12.68	31.07	12.42	251.23	29.84	2.83	108.23	
19/08/2024 13:55	18.39	7.38	148.51	12.72	18.13	2.15	68.39	12.69	31.23	12.53	252.26	30.67	3.65	115.76	
19/08/2024 14:00	18.36	7.03	144.94	12.71	17.77	1.52	63.85	12.68	31.16	11.94	246.01	30.04	2.56	107.98	
19/08/2024 14:05	17.54	6.77	148.64	12.7	17.69	1.5	63.91	12.68	29.73	11.48	251.92	29.92	2.54	108.1	
19/08/2024 14:10	17.93	6.86	148	12.7	17.72	1.77	67.53	12.67	30.38	11.62	250.73	29.94	2.99	114.11	
19/08/2024 14:15	18.03	6.77	144.67	12.7	17.68	1.57	64.33	12.68	30.54	11.47	245.14	29.87	2.65	108.73	
19/08/2024 14:20	17.98	7.21	147.53	12.71	17.58	1.45	64.19	12.68	30.52	12.24	250.47	29.71	2.46	108.47	
19/08/2024 14:25	18.77	7.51	148.06	12.72	18.03	2.05	69.09	12.69	31.89	12.76	251.51	30.53	3.47	117.04	
19/08/2024 14:30	18.53	6.95	143.31	12.71	17.83	1.64	64.38	12.69	31.45	11.8	243.27	30.16	2.78	108.95	
19/08/2024 14:35	17.85	6.83	147.93	12.71	17.78	1.66	64.42	12.69	30.28	11.59	251.01	30.09	2.8	109.02	
19/08/2024 14:40	17.95	7.14	148.5	12.71	17.96	1.8	67.51	12.68	30.46	12.12	251.97	30.37	3.05	114.17	
19/08/2024 14:45	18.27	7.3	143.58	12.7	17.64	1.54	64.31	12.67	30.98	12.38	243.52	29.79	2.61	108.61	
19/08/2024 14:50	18.34	7.46	148.15	12.71	17.72	1.59	64.09	12.67	31.11	12.66	251.33	29.92	2.69	108.23	
19/08/2024 14:55	18.64	7.72	148.37	12.71	18.32	2.07	67.14	12.68	31.64	13.09	251.79	30.99	3.5	113.56	
19/08/2024 15:00	18.56	7.36	145.35	12.7	17.97	1.51	65.66	12.67	31.45	12.47	246.37	30.34	2.55	110.91	
19/08/2024 15:05	18.15	7.24	148.33	12.7	18.09	1.5	66.09	12.67	30.75	12.26	251.33	30.55	2.53	111.61	
19/08/2024 15:10	18.46	7.32	145.95	12.7	17.77	1.69	65.27	12.68	31.29	12.4	247.4	30.02	2.85	110.32	
19/08/2024 15:15	18.62	7.27	141.08	12.7	17.9	1.59	61.78	12.68	31.58	12.33	239.23	30.27	2.69	104.46	
19/08/2024 15:20	18.27	7.33	146.98	12.72	17.89	1.64	62.02	12.68	31.04	12.45	249.66	30.26	2.78	104.88	
19/08/2024 15:25	18.47	7.54	147.85	12.73	18.16	2.13	67.72	12.7	31.41	12.82	251.45	30.78	3.61	114.78	
19/08/2024 15:30	18.52	7.34	145.12	12.72	17.86	1.55	64.38	12.68	31.46	12.47	246.49	30.22	2.63	108.94	
19/08/2024 15:35	18.17	7.24	147.86	12.71	17.86	1.52	64.27	12.68	30.82	12.29	250.82	30.21	2.57	108.71	
19/08/2024 15:40	18.63	7.55	147.67	12.71	18.02	2.04	68.31	12.68	31.61	12.81	250.61	30.49	3.45	115.59	
19/08/2024 15:45	18.69	7.45	144.78	12.71	18	1.83	65.44	12.68	31.71	12.64	245.63	30.45	3.1	110.69	
19/08/2024 15:50	18.25	7.31	148.19	12.7	17.98	1.8	65.48	12.68	30.95	12.4	251.29	30.42	3.04	110.77	
19/08/2024 15:55	18.11	7.47	149.27	12.7	17.68	1.6	68.76	12.67	30.7	12.67	253.13	29.86	2.71	116.17	
19/08/2024 16:00	18.33	7.45	146.73	12.7	17.87	1.66	64.84	12.67	31.07	12.63	248.65	30.17	2.81	109.48	
19/08/2024 16:05	18.15	7.41	148.58	12.7	17.86	1.61	65.02	12.67	30.76	12.57	251.8	30.15	2.72	109.75	
19/08/2024 16:10	18.19	7.54	147.44	12.7	17.62	1.73	67.74	12.67	30.83	12.78	249.97	29.76	2.93	114.42	
19/08/2024 16:15	18.28	7.46	144.94	12.7	17.44	1.59	65.37	12.67	30.99	12.65	245.7	29.46	2.69	110.4	
19/08/2024 16:20	17.95	7.49	148.34	12.71	17.41	1.66	65.73	12.67	30.47	12.71	251.83	29.4	2.8	111.03	
19/08/2024 16:25	18.42	7.76	147.6	12.72	18	2.19	67.88	12.7	31.32	13.19	250.93	30.51	3.71	115.07	
19/08/2024 16:30	18.47	7.61	145.12	12.72	17.66	1.94	65.53	12.7	31.41	12.94	246.72	29.94	3.29	111.11	
19/08/2024 16:35	18.2	7.57	148.81	12.73	17.52	1.99	66.14	12.7	30.98	12.89	253.33	29.7	3.37	112.16	
19/08/2024 16:40	18.71	7.91	149.53	12.74	17.87	1.86	66.95	12.7	31.87	13.47	254.69	30.31	3.15	113.55	
19/08/2024 16:45	18.65	7.57	146.49	12.73	17.7	1.3	63.65	12.69	31.72	12.89	249.18	29.97	2.2	107.77	
19/08/2024 16:50	18.29	7.55	149.01	12.73	17.75	1.17	63.75	12.69	31.1	12.84	253.44	30.05	1.98	107.92	
19/08/2024 16:55	18.62	7.85	148.82	12.74	17.99	1.78	67.35	12.7	31.69	13.36	253.38	30.51	3.01	114.24	
19/08/2024 17:00	18.65	7.53	145.68	12.73	18.03	1.68	64.33	12.7	31.74	12.81	247.89	30.57	2.86	109.1	
19/08/2024 17:05	18.16	7.35	148.88	12.73	18.03	1.61	64.45	12.7	30.9	12.5	253.31	30.58	2.73	109.3	
19/08/2024 17:10	18.36	7.55	148.56	12.73	18.23	2.03	69.52	12.71	31.25	12.85	252.83	30.94	3.44	117.97	
19/08/2024 17:15	18.54	7.57	144.47	12.73	18.35	1.85	63.39	12.71	31.53	12.88	245.8	31.13	3.13	107.53	
19/08/2024 17:20	18.3	6.94	146.61	12.71	18.55	1.89	63.09	12.71	31.05	11.78	248.72	31.46	3.21	107.03	
19/08/2024 17:25	18.72	6.97	144.1	12.71	18.37	1.97	65.9	12.71	31.76	11.83	244.45	31.2	3.35	111.91	
19/08/2024 17:30	18.7	6.76	141.98	12.7	17.83	1.35	62.65	12.71	31.7	11.47	240.67	30.24	2.3	106.29	
19/08/2024 17:35	18.35	6.94	147.45	12.69	18	1.44	62.22	12.71	31.08	11.76	249.8	30.54	2.44	105.55	
19/08/2024 17:40	18.69	7.22	146.29	12.7	18.62	2.13	66.64	12.71	31.68	12.23	247.99	31.62	3.62	113.15	
19/08/2024 17:45	18.75	7.1	143.27	12.71	18.02	1.71	64.64	12.71	31.81	12.04	243.08	30.58	2.9	109.68	
19/08/2024 17:50	18.38	7.39	149.43	12.73	18.08	1.88	64.83	12.71	31.26	12.58	254.18	30.67	3.18	110	
19/08/2024 17:55	18.71	8.03	152.6	12.74	18.12	1.81	60.01	12.69	31.88	13.68	260.02	30.67	3.06	101.65	
19/08/2024 18:00	18.87	7.92	149.29	12.74	17.92	1.41	55.35	12.69	32.14	13.49	254.32	30.33	2.38	93.66	
19/08/2024 18:05	18.51	7.66	151.17	12.75	18.02	1.61	55.14	12.69	31.55	13.05	257.69	30.5	2.73	93.35	
19/08/2024 18:10	18.48	7.72	150.51	12.75	18.07	1.49	57.48	12.69	31.5	13.16	256.6	30.6	2.53	97.37	
19/08/2024 18:15	18.63	7.68	147.88	12.74	18.04	1.35	55.75	12.69	31.76	13.09	252.08	30.54	2.29	94.37	
19/08/2024 18:20	18.49	7.9	152.11	12.76	18.25	1.52	56.33	12.69	31.55	13.49	259.61	30.89	2.57	95.36	
19/08/2024 18:25	18.87	8.21	153	12.76	18.19	1.96	65.71	12.73	32.23	14.02	261.34	30.95	3.34	111.8	
19/08/2024 18:30	18.72	7.75	148.25	12.75	18	1.6	62.07	12.72	31.94	13.22	252.98	30.59	2.72	105.5	
19/08/2024 18:35	18.36	7.9	152.45	12.75	17.83	1.36	62.05	12.72	31.32	13.47	260.1	30.29	2.31	105.42	
19/08/2024 18:40	18.56	8.15	153.27	12.76	17.91	2.06	68.52	12.73	31.69	13.92	261.75	30.47	3.51	116.6	
19/08/2024 18:45	18.67	7.92	150.04	12.75	18.33	1.87	65.68	12.73	31.85	13.51	256.06	31.17	3.17	111.7	
19/08/2024 18:50	18.21	7.97	154.32	12.75	18.67	2.03	65.98	12.73	31.07	13.6	263.31	31.76	3.46	112.24	
19/08/2024 18:55	18.63	8.29	153.86	12.76	17.93	2.19	68.69	12.73	31.81	14.14	262.62	30.51	3.72	116.9	
19/08/202															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
19/08/2024 20:25	18.3	8.51	156.79	12.76	18.13	2.26	68.78	12.73	31.26	14.53	267.78	30.86	3.84	117.1	
19/08/2024 20:30	18.34	8.29	153.62	12.76	18.33	2.38	66.82	12.74	31.32	14.15	262.31	31.21	4.05	113.79	
19/08/2024 20:35	18.15	8.26	155.39	12.76	18.08	2.2	67.61	12.74	31.01	14.11	265.46	30.78	3.75	115.11	
19/08/2024 20:40	18.26	8.41	156.04	12.77	17.7	1.99	69.02	12.74	31.2	14.37	266.7	30.14	3.39	117.53	
19/08/2024 20:45	18.31	8.07	151.15	12.76	17.83	2.04	65.94	12.73	31.28	13.78	258.19	30.36	3.47	112.25	
19/08/2024 20:50	18.17	8.43	155.21	12.77	17.63	1.99	66.09	12.74	31.06	14.41	265.34	30.01	3.38	112.53	
19/08/2024 20:55	18.05	8.64	156.73	12.77	18.11	2.32	70.5	12.74	30.88	14.78	268.07	30.85	3.96	120.11	
19/08/2024 21:00	18.16	8.38	153.22	12.76	17.91	2.27	68.84	12.73	31.03	14.32	261.81	30.49	3.86	117.15	
19/08/2024 21:05	18.1	8.37	155.29	12.76	17.78	2.45	69.47	12.73	30.91	14.29	265.28	30.26	4.18	118.23	
19/08/2024 21:10	18.45	8.5	155.18	12.77	17.53	2.29	74.09	12.74	31.53	14.54	265.27	29.86	3.9	126.19	
19/08/2024 21:15	18.35	8.2	152.23	12.76	17.97	2.25	69.38	12.73	31.34	14.01	260	30.59	3.82	118.08	
19/08/2024 21:20	18.01	8.19	154.51	12.76	17.86	2.11	69.27	12.73	30.74	13.99	263.78	30.39	3.59	117.86	
19/08/2024 21:25	18.51	8.41	153.93	12.76	17.53	2.03	69.16	12.73	31.62	14.36	262.99	29.84	3.45	117.72	
19/08/2024 21:30	18.46	8.19	151.51	12.76	17.94	2.22	66.26	12.74	31.53	13.99	258.76	30.54	3.77	112.79	
19/08/2024 21:35	18.06	8.45	155.3	12.77	17.83	2.19	66.13	12.73	30.87	14.45	265.53	30.35	3.73	112.56	
19/08/2024 21:40	18.31	8.6	154.73	12.78	17.93	2.49	69.67	12.75	31.34	14.72	264.81	30.58	4.24	118.85	
19/08/2024 21:45	18.35	8.22	151.83	12.77	18.19	2.12	66.89	12.74	31.38	14.06	259.64	31.01	3.61	114	
19/08/2024 21:50	17.8	8.04	155.1	12.77	18.34	2.03	66.8	12.74	30.43	13.75	265.08	31.26	3.46	113.81	
19/08/2024 21:55	18.03	8.39	154.87	12.77	17.72	2.23	69.64	12.74	30.83	14.35	264.84	30.2	3.8	118.69	
19/08/2024 22:00	18.18	8.01	151.18	12.77	18.1	2.15	66.36	12.74	31.08	13.69	258.4	30.85	3.67	113.11	
19/08/2024 22:05	17.93	7.91	154.05	12.77	18.14	2.03	66.31	12.75	30.64	13.52	263.34	30.92	3.46	113.03	
19/08/2024 22:10	18.06	7.92	152.05	12.77	17.97	2.13	67.59	12.74	30.86	13.53	259.88	30.61	3.62	115.16	
19/08/2024 22:15	18.1	7.81	148.14	12.76	18.16	2.08	63.96	12.74	30.92	13.34	253.11	30.92	3.55	108.93	
19/08/2024 22:20	18.12	7.98	152.39	12.77	18.08	1.92	63.39	12.74	30.98	13.64	260.57	30.79	3.27	107.95	
19/08/2024 22:25	18.34	7.98	150.37	12.78	17.88	1.98	67.04	12.74	31.37	13.65	257.26	30.48	3.38	114.28	
19/08/2024 22:30	18.34	7.81	148.35	12.77	17.71	1.96	64.46	12.74	31.35	13.35	253.64	30.17	3.33	109.81	
19/08/2024 22:35	18.19	8.05	153.11	12.77	17.36	1.88	64.3	12.74	31.11	13.77	261.84	29.57	3.2	109.51	
19/08/2024 22:40	18.22	8.07	149.99	12.78	18.08	2.4	68.66	12.75	31.17	13.8	256.6	30.83	4.09	117.1	
19/08/2024 22:45	18.36	7.77	147.59	12.77	18.11	1.97	63.9	12.74	31.38	13.28	252.33	30.85	3.35	108.84	
19/08/2024 22:50	18.19	7.77	151.21	12.77	18.11	1.95	63.91	12.74	31.09	13.28	258.47	30.84	3.33	108.83	
19/08/2024 22:55	18.26	7.96	150.19	12.77	17.73	1.93	67.93	12.74	31.22	13.61	256.84	30.22	3.3	115.8	
19/08/2024 23:00	18.53	7.67	146.6	12.77	18.64	2.26	62.47	12.75	31.68	13.12	250.59	31.78	3.85	106.5	
19/08/2024 23:05	18.38	7.59	150.46	12.77	18.7	2.33	62.22	12.75	31.43	12.97	257.24	31.89	3.97	106.07	
19/08/2024 23:10	18.57	7.74	148.64	12.78	18.21	1.97	65.02	12.75	31.78	13.24	254.29	31.03	3.36	110.84	
19/08/2024 23:15	18.8	7.7	147.29	12.77	18.82	2.42	62.88	12.75	32.15	13.18	251.86	32.08	4.13	107.22	
19/08/2024 23:20	18.65	7.88	151.97	12.77	19	2.5	62.78	12.75	31.9	13.47	259.92	32.39	4.26	107.03	
19/08/2024 23:25	18.91	8.1	152.06	12.77	18.56	2.23	65.39	12.74	32.33	13.85	260.03	31.63	3.8	111.46	
19/08/2024 23:30	18.95	7.87	148.54	12.77	18.77	2.28	62.18	12.74	32.39	13.45	253.91	31.98	3.88	105.96	
19/08/2024 23:35	18.65	7.96	151.5	12.78	18.8	2.3	61.64	12.74	31.91	13.63	259.2	32.03	3.92	105.03	
19/08/2024 23:40	18.82	8.09	151.89	12.78	18.62	2.27	66.3	12.75	32.21	13.84	260	31.77	3.87	113.15	
19/08/2024 23:45	18.92	7.74	147.36	12.77	18.94	2.07	60.2	12.75	32.36	13.24	252.11	32.3	3.53	102.67	
19/08/2024 23:50	18.61	7.81	150	12.78	19.03	2.05	59.64	12.75	31.85	13.37	256.78	32.46	3.49	101.72	
19/08/2024 23:55	18.74	8.13	151.16	12.79	18.65	2.3	65.26	12.76	32.11	13.93	259	31.84	3.93	111.44	
20/08/2024 00:00	18.91	7.87	146.03	12.78	18.83	2.15	61.04	12.75	32.37	13.47	250.04	32.13	3.66	104.13	
20/08/2024 00:05	18.52	7.81	150.44	12.78	18.75	2.16	60.75	12.75	31.72	13.38	257.66	31.98	3.68	103.61	
20/08/2024 00:10	18.77	7.96	149.53	12.79	18.55	2.34	65	12.76	32.16	13.65	256.27	31.7	4	111.05	
20/08/2024 00:15	18.92	7.84	146.11	12.79	18.93	2.27	62.49	12.76	32.41	13.44	250.3	32.34	3.88	106.74	
20/08/2024 00:20	18.45	7.9	151.82	12.79	19.06	2.25	62.08	12.76	31.63	13.54	260.28	32.56	3.85	106.04	
20/08/2024 00:25	18.78	7.95	149.64	12.8	18.45	2.27	65.19	12.77	32.21	13.63	256.68	31.55	3.89	111.5	
20/08/2024 00:30	18.92	7.78	146.93	12.8	18.93	2.39	61.57	12.77	32.45	13.35	252	32.38	4.09	105.33	
20/08/2024 00:35	18.61	7.77	150.14	12.8	19.02	2.38	61.23	12.78	31.94	13.33	257.71	32.53	4.07	104.76	
20/08/2024 00:40	18.69	8.03	150.56	12.81	18.53	2.04	64.36	12.78	32.1	13.79	258.56	31.71	3.5	110.12	
20/08/2024 00:45	18.72	7.79	147.85	12.8	18.82	2.18	59.47	12.77	32.14	13.37	253.79	32.19	3.73	101.71	
20/08/2024 00:50	18.7	8.06	151.7	12.81	18.77	2.16	58.98	12.77	32.13	13.84	260.59	32.09	3.69	100.85	
20/08/2024 00:55	18.86	8.21	151.55	12.82	18.45	2.35	64.06	12.78	32.43	14.11	260.57	31.59	4.02	109.73	
20/08/2024 01:00	18.87	7.86	147.3	12.81	18.9	2.34	58.62	12.79	32.42	13.5	253.15	32.39	4	100.44	
20/08/2024 01:05	18.62	7.89	149.35	12.82	18.97	2.36	57.95	12.79	32.05	13.57	256.99	32.5	4.04	99.3	
20/08/2024 01:10	18.77	8	148.78	12.83	18.11	2.41	64.63	12.8	32.32	13.78	256.21	31.1	4.13	110.98	
20/08/2024 01:15	18.81	7.85	145.84	12.83	19.03	2.53	61.24	12.81	32.39	13.51	251.16	32.69	4.34	105.22	
20/08/2024 01:20	18.45	8.06	150.36	12.83	19.2	2.53	61.55	12.81	31.8	13.88	259.12	32.99	4.35	105.74	
20/08/2024 01:25	18.36	8.22	150.04	12.84	18.37	2.25	65.26	12.81	31.66	14.18	258.73	31.57	3.87	112.18	
20/08/2024 01:30	18.57	7.96	145.08	12.84	18.85	2.57	60.68	12.81	32.02	13.73	250.12	32.41	4.41	104.31	
20/08/2024 01:35	18.63	8.06	150.95	12.84	18.77	2.63	60.94	12.81	32.14	13.91	260.41	32.26	4.51	104.75	
20/08/2024 01:40	18.89	8.32	152.24	12.85	18.7	2.47	63.12	12.82	32.6	14.35	262.72	32.17	4.25	108.57	
20/08/2024 01:45	18.89	7.92	147.07	12.84	18.89	2.63	60.6	12.82	32.58	13.67	253.67	32.49	4.52	104.25	
20/08/2024 01:50	18.7	8.12	150.97	12.85	18.88	2.64	60.58	12.82	32.28	14.01	260.55	32.47	4.55	104.22	
20/08/2024 01:55	19.11	8.33	151.7	12.84	18.79	2.58	64.12	12.82	32.98	14.38	261.74	32.31	4.44	110.26	
20/08/2024 02:00	19.09	8.08	145.24	12.84	19.07	2.73	60.07	12.82	32.92	13.94	250.51	32.79	4.69	103.3	
20/08/2024 02:05	18.63	8.15	150.41	12.85	19.02	2.75	60.2	12.82	32.15	14.07	259.64	32.7	4.73	103.53	
20/08/2024 02:10	18.85	8.32	149.43	12.86	18.57	2.74	64.9	12.82	32.58	14.37	258.22	31.94	4.72	111.66	
20/08/2024 02:15	19.05	8.11	146.35	12.85	19.24	2.87	62.52	12.82	32.89	14.01	252.68	33.1	4.94	107.56	
20/08/2024 02:20	18.72	8.27	150.97	12.85	19.33										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
20/08/2024 03:50	18.47	8.46	151.22	12.86	18.33	2.95	62.36	12.83	31.93	14.62	261.39	31.57	5.09	107.43	
20/08/2024 03:55	18.81	8.67	150.71	12.87	18.2	2.98	67.34	12.84	32.57	15.01	260.88	31.38	5.13	116.12	
20/08/2024 04:00	18.76	8.28	146.52	12.86	18.41	2.88	62.99	12.83	32.43	14.31	253.35	31.72	4.96	108.53	
20/08/2024 04:05	18.4	8.39	151.25	12.85	18.25	2.85	63.33	12.83	31.79	14.49	261.27	31.44	4.9	109.1	
20/08/2024 04:10	18.96	8.56	149.89	12.86	18.18	2.87	65.71	12.83	32.77	14.79	259.01	31.3	4.95	113.16	
20/08/2024 04:15	18.97	8.31	147.18	12.88	18.41	3.05	64.41	12.83	32.87	14.4	255.12	31.7	5.25	110.89	
20/08/2024 04:20	18.48	8.23	149.69	12.93	18.39	3.06	64.19	12.83	32.24	14.36	261.2	31.66	5.28	110.51	
20/08/2024 04:25	18.82	8.63	152.56	12.94	18.27	2.96	67.44	12.91	32.87	15.07	266.43	31.79	5.16	117.35	
20/08/2024 04:30	18.72	8.42	147.47	12.94	18.62	3.05	63.37	12.92	32.68	14.69	257.37	32.42	5.3	110.32	
20/08/2024 04:35	18.38	8.37	151.65	12.93	18.69	3.06	63.59	12.92	32.06	14.61	264.52	32.54	5.34	110.73	
20/08/2024 04:40	18.64	8.41	149.95	12.93	18.25	2.91	66.03	12.9	32.51	14.67	261.5	31.73	5.05	114.78	
20/08/2024 04:45	18.62	8.23	145.69	12.92	18.5	2.95	62.61	12.89	32.44	14.33	253.82	32.12	5.12	108.7	
20/08/2024 04:50	18.3	8.33	150.91	12.92	18.44	2.95	62.84	12.89	31.85	14.51	262.72	32.01	5.13	109.11	
20/08/2024 04:55	18.72	8.55	149.54	12.92	18.15	2.83	65.53	12.89	32.6	14.89	260.44	31.52	4.92	113.8	
20/08/2024 05:00	18.7	8.29	146.85	12.91	18.47	2.85	62.16	12.89	32.55	14.44	255.57	32.04	4.95	107.83	
20/08/2024 05:05	18.33	8.41	150.84	12.91	18.41	2.85	62.5	12.89	31.87	14.62	262.32	31.92	4.93	108.4	
20/08/2024 05:10	18.82	8.43	148.2	12.91	18.19	2.9	66.79	12.88	32.74	14.66	257.91	31.55	5.04	115.85	
20/08/2024 05:15	18.73	8.22	146.34	12.91	18.33	2.89	62.51	12.88	32.58	14.3	254.51	31.78	5	108.38	
20/08/2024 05:20	18.36	8.43	150.64	12.91	18.22	2.86	62.11	12.88	31.94	14.66	261.96	31.58	4.96	107.66	
20/08/2024 05:25	18.68	8.78	151.77	12.91	18.06	2.94	68.12	12.88	32.5	15.28	264.11	31.32	5.1	118.14	
20/08/2024 05:30	18.7	8.41	147.53	12.9	18.49	2.94	63.18	12.88	32.51	14.61	256.45	32.03	5.1	109.47	
20/08/2024 05:35	18.41	8.34	149.88	12.9	18.61	2.97	63.36	12.88	31.99	14.49	260.51	32.25	5.15	109.79	
20/08/2024 05:40	18.37	8.67	151.74	12.91	18.05	2.73	64.66	12.88	31.95	15.08	263.85	31.27	4.73	112.02	
20/08/2024 05:45	18.56	8.31	147.34	12.9	18.45	2.84	61.91	12.87	32.24	14.43	256	31.95	4.92	107.21	
20/08/2024 05:50	18.36	8.42	150.8	12.9	18.66	2.81	61.03	12.87	31.89	14.63	261.94	32.31	4.87	105.69	
20/08/2024 05:55	18.54	8.62	151.74	12.9	17.96	2.78	66.4	12.87	32.21	14.97	263.66	31.1	4.82	115.01	
20/08/2024 06:00	18.57	8.32	147.64	12.89	18.35	2.94	63.53	12.87	32.24	14.45	256.31	31.75	5.09	109.96	
20/08/2024 06:05	18.35	8.4	150.67	12.89	18.34	2.97	63.58	12.87	31.83	14.57	261.38	31.75	5.14	110.04	
20/08/2024 06:10	18.7	8.51	150.17	12.89	18.14	2.82	67.29	12.86	32.44	14.76	260.56	31.36	4.88	116.37	
20/08/2024 06:15	18.62	8.28	147.05	12.88	18.45	2.91	63.65	12.86	32.29	14.35	255	31.88	5.03	109.99	
20/08/2024 06:20	18.23	8.35	149.81	12.89	18.48	2.95	63.7	12.86	31.63	14.49	259.89	31.94	5.11	110.08	
20/08/2024 06:25	18.64	8.41	149.87	12.89	18.04	2.9	68.81	12.86	32.35	14.6	260.09	31.2	5.03	119.03	
20/08/2024 06:30	18.59	8.22	146.24	12.88	18.35	2.93	63.6	12.86	32.24	14.26	253.62	31.72	5.07	109.97	
20/08/2024 06:35	18.46	8.39	150.88	12.88	18.33	2.99	63.81	12.86	32	14.55	261.58	31.69	5.16	110.34	
20/08/2024 06:40	18.76	8.49	150.19	12.88	18.08	2.94	67.99	12.86	32.53	14.72	260.45	31.25	5.08	117.51	
20/08/2024 06:45	18.67	8.33	146.43	12.88	18.45	2.89	62.69	12.85	32.35	14.44	253.78	31.86	4.99	108.26	
20/08/2024 06:50	18.16	8.41	150.57	12.88	18.64	2.88	61.97	12.85	31.47	14.57	261.03	32.19	4.97	107	
20/08/2024 06:55	18.17	8.59	151.37	12.89	18.02	2.85	67.55	12.86	31.51	14.91	262.55	31.15	4.93	116.79	
20/08/2024 07:00	18.25	8.36	148.24	12.88	18.35	2.93	63.07	12.86	31.64	14.5	257.01	31.71	5.07	109.03	
20/08/2024 07:05	18.17	8.48	152.65	12.88	18.36	2.91	62.61	12.86	31.5	14.7	264.65	31.73	5.03	108.21	
20/08/2024 07:10	18.55	8.57	151.45	12.88	17.86	2.82	66.89	12.86	32.16	14.85	262.63	30.87	4.87	115.62	
20/08/2024 07:15	18.55	8.35	148.68	12.88	18.43	2.96	64.27	12.86	32.15	14.48	257.7	31.86	5.11	111.08	
20/08/2024 07:20	18.12	8.42	151.75	12.89	18.44	2.99	64.34	12.86	31.42	14.61	263.18	31.86	5.16	111.19	
20/08/2024 07:25	18.47	8.69	151.52	12.89	17.84	2.75	66.54	12.86	32.06	15.09	262.96	30.84	4.76	115.05	
20/08/2024 07:30	18.43	8.36	148.52	12.88	18.17	2.82	63.71	12.85	31.96	14.5	257.56	31.39	4.87	110.07	
20/08/2024 07:35	18.12	8.42	152.17	12.88	18.28	2.88	64.09	12.85	31.42	14.6	263.83	31.58	4.97	110.71	
20/08/2024 07:40	18.43	8.54	152.35	12.88	17.85	2.6	66.29	12.85	31.94	14.8	264.1	30.82	4.49	114.48	
20/08/2024 07:45	18.43	8.22	148.12	12.88	18.33	2.73	63.25	12.85	31.93	14.24	256.58	31.65	4.72	109.18	
20/08/2024 07:50	18.28	8.45	152.91	12.87	18.44	2.74	63.14	12.85	31.67	14.64	264.84	31.82	4.72	108.98	
20/08/2024 07:55	18.05	8.51	151.25	12.88	17.81	2.83	67.89	12.85	31.31	14.75	262.28	30.77	4.89	117.29	
20/08/2024 08:00	18.24	8.26	146.98	12.88	18.18	2.73	64.03	12.85	31.6	14.3	254.64	31.39	4.7	110.53	
20/08/2024 08:05	18.2	8.21	150.9	12.87	18.16	2.7	64.31	12.85	31.51	14.21	261.22	31.34	4.67	111.01	
20/08/2024 08:10	18.81	8.56	151.52	12.87	17.79	2.66	66.37	12.84	32.57	14.83	262.39	30.7	4.59	114.54	
20/08/2024 08:15	18.56	8.15	147.29	12.87	17.9	2.7	64.38	12.84	32.11	14.09	254.85	30.86	4.65	111.02	
20/08/2024 08:20	18.27	8.11	148.97	12.86	17.86	2.74	64.48	12.84	31.59	14.03	257.64	30.8	4.72	111.19	
20/08/2024 08:25	18.4	8.18	147.91	12.87	17.62	2.8	70.68	12.84	31.83	14.15	255.89	30.37	4.83	121.89	
20/08/2024 08:30	18.39	7.69	143.53	12.86	17.95	2.6	62.5	12.84	31.79	13.29	248.14	30.95	4.48	107.75	
20/08/2024 08:35	18.14	7.81	147.36	12.86	18	2.63	62.5	12.84	31.38	13.51	254.87	31.04	4.53	107.77	
20/08/2024 08:40	18.25	8.02	146.88	12.87	17.57	2.58	68.53	12.84	31.59	13.89	254.27	30.29	4.45	118.18	
20/08/2024 08:45	18.45	7.99	145.67	12.86	18.11	2.65	64.28	12.84	31.91	13.82	251.95	31.21	4.56	110.8	
20/08/2024 08:50	18.06	7.94	149.51	12.86	18.28	2.74	64.41	12.84	31.21	13.72	258.33	31.51	4.72	111.02	
20/08/2024 08:55	18.56	8.39	148.14	12.86	17.62	2.46	67.03	12.83	32.07	14.49	256	30.34	4.24	115.44	
20/08/2024 09:00	18.48	8.03	143.22	12.85	17.89	2.53	63.04	12.82	31.91	13.87	247.3	30.79	4.35	108.5	
20/08/2024 09:05	18.18	7.99	150.67	12.85	17.91	2.61	63	12.82	31.38	13.79	260.08	30.82	4.49	108.42	
20/08/2024 09:10	18.5	8.09	150.1	12.85	17.71	2.51	67.01	12.82	31.93	13.96	259.12	30.47	4.31	115.29	
20/08/2024 09:15	18.19	7.73	147.77	12.84	17.84	2.45	64.53	12.82	31.38	13.33	254.91	30.68	4.21	110.97	
20/08/2024 09:20	18.13	7.91	150.56	12.84	17.73	2.44	64.95	12.82	31.28	13.65	259.76	30.49	4.19	111.68	
20/08/2024 09:25	17.92	7.85	150.25	12.85	17.87	2.64	68.58	12.82	30.93	13.56	259.34	30.74	4.54	117.97	
20/08/2024 09:30	18.2	7.76	146.4	12.84	17.79	2.27	63.37	12.81	31.38	13.39	252.5	30.56	3.91	108.89	
20/08/2024 09:35	17.98	7.86	150.32	12.84	17.78	2.14	62.84	12.81	30.99	13.54	259.13	30.54	3.68	107.95	
20/08/2024 09:40	18.66	8.44	150.72	12.84	17.61	2.28	66.59	12.8	32.18	14.55	259.99	30.23	3.93	114.35	
20/08/2024 09:45	18.67	8.03	146.29	12.83	17.97	2.41	63.46	12.8	32.16	13.84	252.05	30.83			



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
20/08/2024 11:15	18.63	7.73	144.93	12.81	17.75	2.04	63.01	12.78	32.02	13.28	249.11	30.4	3.49	107.92	
20/08/2024 11:20	18.36	7.49	148.13	12.81	18.02	2.39	63.34	12.79	31.55	12.88	254.55	30.86	4.1	108.51	
20/08/2024 11:25	18.28	7.64	147.2	12.82	17.81	2.17	66.71	12.79	31.43	13.14	253.15	30.51	3.72	114.32	
20/08/2024 11:30	18.05	7.05	144.04	12.81	17.91	1.96	62.45	12.78	31.01	12.1	247.43	30.66	3.35	106.92	
20/08/2024 11:35	18.26	7.53	148.55	12.81	17.61	1.69	61.77	12.78	31.37	12.94	255.2	30.13	2.89	105.69	
20/08/2024 11:40	18.13	6.99	147.13	12.8	17.59	1.99	66.09	12.78	31.13	12.01	252.64	30.12	3.4	113.17	
20/08/2024 11:45	18.38	7.13	143.06	12.81	18.1	2.14	61.52	12.78	31.57	12.25	245.66	30.99	3.67	105.33	
20/08/2024 11:50	17.88	7.14	147.31	12.81	18.19	2.3	61.3	12.78	30.72	12.27	253.05	31.14	3.94	104.97	
20/08/2024 11:55	18.64	8.3	148.14	12.82	17.74	2.07	65.37	12.79	32.09	14.29	254.95	30.39	3.56	112.01	
20/08/2024 12:00	18.4	7.61	144.34	12.82	17.91	1.87	61.43	12.79	31.65	13.09	248.19	30.68	3.21	105.22	
20/08/2024 12:05	18.2	7.35	146.24	12.82	17.97	1.8	61.55	12.79	31.29	12.64	251.45	30.78	3.08	105.43	
20/08/2024 12:10	18.6	7.92	147.71	12.82	17.51	1.78	65.06	12.79	32	13.63	254.11	29.99	3.05	111.47	
20/08/2024 12:15	18.94	7.71	143.64	12.81	17.99	1.89	63.07	12.78	32.56	13.25	246.85	30.8	3.24	107.98	
20/08/2024 12:20	18.17	7	145.76	12.79	18.28	2.09	63.91	12.78	31.17	12	249.96	31.3	3.59	109.41	
20/08/2024 12:25	18.24	6.93	145.46	12.79	17.84	1.62	65.15	12.76	31.27	11.87	249.32	30.46	2.78	111.26	
20/08/2024 12:30	18.21	6.69	141.37	12.77	17.97	1.57	62.53	12.74	31.15	11.44	241.84	30.61	2.68	106.54	
20/08/2024 12:35	17.73	6.9	147.18	12.75	17.94	1.67	63.48	12.74	30.26	11.77	251.17	30.55	2.85	108.13	
20/08/2024 12:40	18.44	7.73	147.3	12.76	18.04	2.07	66.18	12.73	31.49	13.19	251.47	30.71	3.52	112.67	
20/08/2024 12:45	18.56	7.33	143.63	12.75	18.23	1.82	62.64	12.72	31.66	12.51	244.99	30.99	3.09	106.5	
20/08/2024 12:50	18.17	7.12	146.28	12.74	18.44	1.74	62.02	12.72	30.96	12.12	249.21	31.34	2.95	105.41	
20/08/2024 12:55	18.33	7.5	146.85	12.74	17.87	1.76	65.94	12.7	31.21	12.78	250.08	30.3	2.98	111.84	
20/08/2024 13:00	18.25	7.16	144.89	12.73	17.72	1.46	63.32	12.69	31.05	12.18	246.48	30.01	2.47	107.24	
20/08/2024 13:05	18.39	7.38	145.88	12.73	17.81	1.44	63.39	12.69	31.27	12.54	248.1	30.17	2.44	107.35	
20/08/2024 13:10	18.5	7.58	145.66	12.73	17.89	1.98	65.49	12.7	31.48	12.9	247.85	30.33	3.36	111.06	
20/08/2024 13:15	18.53	7.33	143.35	12.73	17.73	1.6	63.42	12.7	31.52	12.46	243.76	30.04	2.72	107.46	
20/08/2024 13:20	17.89	7.01	147.28	12.72	17.73	1.47	62.75	12.7	30.39	11.92	250.21	30.04	2.49	106.31	
20/08/2024 13:25	18.31	7.07	146.87	12.72	17.48	1.63	67.11	12.69	31.1	12	249.44	29.58	2.77	113.62	
20/08/2024 13:30	18.28	6.98	142.98	12.71	17.63	1.63	63.52	12.68	31.02	11.84	242.65	29.81	2.77	107.45	
20/08/2024 13:35	17.9	7.25	148.42	12.72	17.59	1.75	63.59	12.68	30.41	12.32	252.12	29.76	2.96	107.57	
20/08/2024 13:40	17.89	6.91	148.04	12.72	17.51	1.67	67.52	12.7	30.4	11.75	251.62	29.68	2.83	114.42	
20/08/2024 13:45	18.15	6.99	144.63	12.72	18.01	1.97	64.59	12.69	30.83	11.87	245.69	30.5	3.34	109.37	
20/08/2024 13:50	18.12	7.06	146.3	12.71	18.05	2.02	64.11	12.69	30.75	11.98	248.28	30.55	3.41	108.53	
20/08/2024 13:55	18.46	7.3	146.87	12.71	18.04	2.12	67.39	12.68	31.34	12.4	249.3	30.52	3.58	114.03	
20/08/2024 14:00	18.48	7.16	144.59	12.7	17.82	1.71	63.61	12.68	31.34	12.15	245.25	30.12	2.88	107.52	
20/08/2024 14:05	18.08	7.41	149.41	12.71	18.23	1.99	64.39	12.68	30.69	12.57	253.59	30.83	3.36	108.88	
20/08/2024 14:10	17.23	7.04	150.95	12.71	17.56	1.82	67.01	12.69	29.25	11.96	256.27	29.74	3.08	113.5	
20/08/2024 14:15	17.84	7.18	146.82	12.72	18.03	1.91	63.6	12.7	30.31	12.21	249.41	30.56	3.24	107.82	
20/08/2024 14:20	18.14	7.29	148.95	12.73	18.23	1.92	63.33	12.7	30.86	12.4	253.39	30.91	3.26	107.35	
20/08/2024 14:25	18.17	7.22	150.4	12.73	17.97	1.94	67.08	12.7	30.92	12.29	255.91	30.46	3.28	113.74	
20/08/2024 14:30	18.33	7.04	145.49	12.72	18.02	1.61	64.3	12.69	31.14	11.97	247.22	30.5	2.73	108.82	
20/08/2024 14:35	17.82	7.18	151.28	12.71	18.08	1.59	64.31	12.68	30.24	12.19	256.68	30.59	2.7	108.81	
20/08/2024 14:40	17.91	7.04	151.08	12.71	17.6	1.67	69.83	12.68	30.4	11.95	256.44	29.76	2.83	118.14	
20/08/2024 14:45	17.89	6.84	146.68	12.71	17.68	1.73	64.87	12.68	30.35	11.61	248.86	29.91	2.93	109.72	
20/08/2024 14:50	17.97	7.55	149.15	12.72	17.81	1.78	65.27	12.68	30.54	12.82	253.43	30.13	3.01	110.4	
20/08/2024 14:55	17.26	6.99	149.7	12.72	17.6	1.79	66.33	12.7	29.34	11.87	254.44	29.83	3.04	112.39	
20/08/2024 15:00	17.79	7.09	146.75	12.72	18.03	1.79	64.38	12.69	30.22	12.05	249.32	30.54	3.04	109.03	
20/08/2024 15:05	17.57	6.96	149.54	12.71	18.02	1.81	64.03	12.69	29.82	11.82	253.86	30.5	3.07	108.42	
20/08/2024 15:10	17.5	7.05	149.5	12.72	17.44	1.81	68.99	12.68	29.72	11.97	253.9	29.51	3.07	116.76	
20/08/2024 15:15	18.02	7.23	146.37	12.71	17.63	1.7	63.56	12.68	30.6	12.27	248.51	29.82	2.87	107.52	
20/08/2024 15:20	17.86	7.26	149.69	12.71	17.77	1.67	63.33	12.68	30.33	12.32	254.19	30.06	2.83	107.14	
20/08/2024 15:25	18.38	8.11	150.37	12.73	17.8	1.91	69.55	12.7	31.26	13.8	255.73	30.17	3.23	117.87	
20/08/2024 15:30	18.51	7.76	146.6	12.73	17.95	1.91	64.52	12.7	31.47	13.19	249.31	30.44	3.25	109.42	
20/08/2024 15:35	18.3	7.44	148.45	12.73	17.91	1.95	64.17	12.7	31.13	12.66	252.51	30.36	3.31	108.82	
20/08/2024 15:40	18.76	8.02	150.05	12.73	17.91	1.86	67.38	12.7	31.93	13.65	255.38	30.34	3.15	114.17	
20/08/2024 15:45	18.39	7.51	145.82	12.72	17.55	1.64	65.59	12.68	31.26	12.76	247.77	29.69	2.78	110.96	
20/08/2024 15:50	17.59	7.17	149.15	12.71	17.3	1.69	66.45	12.68	29.86	12.17	253.17	29.26	2.86	112.41	
20/08/2024 15:55	17.88	7.43	148.88	12.72	17.47	1.96	68.77	12.69	30.37	12.63	252.95	29.59	3.32	116.52	
20/08/2024 16:00	18.15	7.46	146.24	12.72	17.66	1.97	65.25	12.7	30.84	12.68	248.51	29.93	3.33	110.59	
20/08/2024 16:05	17.86	7.49	149.85	12.73	17.61	1.99	65.31	12.7	30.37	12.74	254.88	29.84	3.36	110.69	
20/08/2024 16:10	17.79	7.29	150.12	12.73	17.59	1.87	68.52	12.7	30.27	12.4	255.4	29.81	3.18	116.15	
20/08/2024 16:15	17.86	7.02	147.1	12.72	17.67	1.71	65.51	12.69	30.34	11.94	249.98	29.91	2.89	110.92	
20/08/2024 16:20	17.56	6.98	148.93	12.71	17.66	1.72	65.34	12.69	29.8	11.85	252.78	29.89	2.91	110.62	
20/08/2024 16:25	17.45	7.3	149.05	12.72	17.26	1.76	69.55	12.7	29.67	12.4	253.38	29.25	2.98	117.87	
20/08/2024 16:30	17.76	7.29	146.45	12.72	17.67	1.84	65.36	12.7	30.2	12.39	248.98	29.95	3.12	110.79	
20/08/2024 16:35	17.7	7.56	150.74	12.73	17.83	1.84	65.55	12.7	30.13	12.87	256.57	30.22	3.13	111.11	
20/08/2024 16:40	17.54	7.69	150.94	12.74	17.29	1.83	67.06	12.71	29.87	13.09	257.09	29.34	3.1	113.79	
20/08/2024 16:45	17.88	7.37	147.45	12.73	17.87	1.98	67.55	12.7	30.43	12.54	250.91	30.31	3.35	114.57	
20/08/2024 16:50	17.59	7.23	151.43	12.72	18.27	1.95	67.66	12.7	29.89	12.28	257.35	30.97	3.31	114.73	
20/08/2024 16:55	17.26	6.76	150.68	12.72	17.39	1.77	69.69	12.7	29.32	11.48	255.95	29.46	2.99	118.09	
20/08/2024 17:00	17.74	6.8	146.07	12.7	17.18	1.64	66.62	12.69	30.07	11.52	247.65	29.09	2.77	112.82	
20/08/2024 17:05	17.48	6.57	146.4	12.68	17.16	1.66	66.75	12.69	29.57	11.11	247.59	29.05	2.81	113.02	
20/08/2024 17:10	18.46	7.18	146.73	12.69	17.39	1.79	68.54	12.7	31.26	12.16	248.44	29.47	3.03</		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
20/08/2024 18:40	18.76	8.24	150.92	12.74	17.83	2.35	68.86	12.71	31.96	14.04	257.15	30.27	3.99	116.93	
20/08/2024 18:45	18.54	7.91	148.3	12.73	17.79	1.89	64.49	12.71	31.55	13.47	252.45	30.18	3.21	109.39	
20/08/2024 18:50	18.2	7.98	151.24	12.73	17.42	1.5	64.38	12.7	30.97	13.58	257.31	29.53	2.54	109.12	
20/08/2024 18:55	18.76	8.48	152.96	12.74	17.59	2.16	67.31	12.71	31.96	14.44	260.53	29.87	3.66	114.29	
20/08/2024 19:00	18.79	8.18	148.99	12.74	17.94	2.22	62.96	12.72	32	13.93	253.72	30.47	3.77	106.92	
20/08/2024 19:05	18.05	7.74	150.95	12.73	18.3	2.55	63.19	12.72	30.73	13.17	256.97	31.09	4.33	107.36	
20/08/2024 19:10	18.87	8.13	151.65	12.74	17.69	2.14	66.59	12.71	32.15	13.85	258.29	30.03	3.64	113.05	
20/08/2024 19:15	18.56	7.81	148.93	12.74	17.69	2.19	63.69	12.71	31.6	13.3	253.6	30.03	3.72	108.13	
20/08/2024 19:20	18	8	153.31	12.74	17.56	2.24	64.23	12.71	30.67	13.62	261.21	29.82	3.8	109.07	
20/08/2024 19:25	18.07	8.18	153.38	12.75	17.68	2.22	68.06	12.72	30.81	13.95	261.48	30.03	3.78	115.62	
20/08/2024 19:30	18.05	7.73	149.47	12.74	17.88	2.03	64.53	12.71	30.75	13.17	254.63	30.36	3.45	109.55	
20/08/2024 19:35	18.11	8.28	155.12	12.75	18.05	1.97	64.19	12.71	30.87	14.12	264.41	30.64	3.34	108.97	
20/08/2024 19:40	18.54	8.75	156.48	12.75	17.88	2.36	69.4	12.72	31.64	14.93	267.03	30.38	4.02	117.94	
20/08/2024 19:45	18.46	8.39	153.05	12.75	17.95	2.06	65.92	12.71	31.47	14.31	260.95	30.47	3.5	111.91	
20/08/2024 19:50	18.1	8.34	155.74	12.75	17.92	2.11	66.13	12.71	30.86	14.22	265.55	30.42	3.58	112.24	
20/08/2024 19:55	17.81	7.97	156.67	12.75	17.89	2.43	69.71	12.73	30.38	13.6	267.25	30.42	4.14	118.56	
20/08/2024 20:00	17.88	7.73	152.39	12.74	18.25	2.22	65.37	12.72	30.47	13.18	259.75	31.01	3.77	111.09	
20/08/2024 20:05	17.94	8.12	155.62	12.74	18.17	2.17	66	12.72	30.57	13.84	265.18	30.87	3.69	112.13	
20/08/2024 20:10	18.03	8.82	157.97	12.75	17.38	2.33	69.24	12.72	30.75	15.03	269.43	29.54	3.96	117.71	
20/08/2024 20:15	18.15	8.54	153.24	12.75	17.4	2.13	66.54	12.72	30.95	14.56	261.31	29.58	3.62	113.11	
20/08/2024 20:20	17.66	8.08	156.16	12.75	17.25	2.08	67.05	12.72	30.11	13.77	266.21	29.32	3.53	113.96	
20/08/2024 20:25	17.53	7.62	157.52	12.74	17.03	1.84	68.83	12.71	29.86	12.99	268.35	28.91	3.12	116.88	
20/08/2024 20:30	17.93	7.84	153.48	12.74	17.79	2.03	64.89	12.71	30.55	13.35	261.46	30.21	3.44	110.18	
20/08/2024 20:35	17.89	8.32	154.86	12.75	17.94	1.91	64.39	12.71	30.52	14.18	264.12	30.45	3.24	109.3	
20/08/2024 20:40	17.98	8.11	153.81	12.76	17.76	2.28	68.37	12.73	30.69	13.84	262.58	30.21	3.88	116.27	
20/08/2024 20:45	18.28	8.16	151.24	12.75	18.37	2.29	64.72	12.72	31.19	13.92	258.04	31.23	3.9	110.01	
20/08/2024 20:50	17.65	8.09	155.14	12.75	18.67	2.5	64.63	12.73	30.1	13.79	264.59	31.75	4.25	109.88	
20/08/2024 20:55	18.03	8.61	154.34	12.76	18.05	2.68	70.28	12.73	30.79	14.7	263.58	30.72	4.57	119.65	
20/08/2024 21:00	18.19	8.06	150.61	12.75	18.8	2.44	64.03	12.73	31.04	13.75	257.03	31.98	4.16	108.94	
20/08/2024 21:05	17.54	7.75	154.24	12.75	19	2.25	62.92	12.73	29.91	13.21	263.03	32.32	3.83	107.03	
20/08/2024 21:10	17.97	8.55	154.37	12.76	17.96	2.39	67.92	12.73	30.66	14.6	263.48	30.55	4.07	115.56	
20/08/2024 21:15	18.04	8.05	150.46	12.75	18.24	2.41	64.29	12.73	30.78	13.74	256.74	31.03	4.11	109.4	
20/08/2024 21:20	18.04	7.89	151.79	12.76	18.17	2.2	63.38	12.73	30.78	13.46	259.08	30.92	3.75	107.82	
20/08/2024 21:25	18.49	7.76	153.59	12.75	17.79	1.98	65.85	12.72	31.54	13.24	261.95	30.25	3.36	111.95	
20/08/2024 21:30	18.55	7.87	150.02	12.75	18.16	2.12	63.28	12.72	31.64	13.43	255.85	30.87	3.61	107.58	
20/08/2024 21:35	17.84	8.02	153.21	12.76	18.13	1.83	62.75	12.72	30.45	13.69	261.48	30.8	3.11	106.63	
20/08/2024 21:40	18.78	8.89	152.21	12.76	17.89	2.2	66.53	12.72	32.08	15.18	259.99	30.42	3.75	113.14	
20/08/2024 21:45	18.71	8.36	147.45	12.75	18.24	2.19	63.61	12.72	31.92	14.26	251.57	31	3.71	108.09	
20/08/2024 21:50	18.05	8.23	153.74	12.75	18.36	2.14	62.92	12.72	30.78	14.03	262.15	31.19	3.64	106.88	
20/08/2024 21:55	18.29	8.25	151.24	12.75	17.76	2.21	67.05	12.72	31.17	14.06	257.85	30.19	3.76	114	
20/08/2024 22:00	18.15	7.7	147.59	12.74	18.27	2.23	63.38	12.72	30.92	13.12	251.43	31.04	3.78	107.7	
20/08/2024 22:05	17.95	7.97	152.95	12.74	18.39	2.06	63.06	12.72	30.59	13.58	260.61	31.23	3.5	107.1	
20/08/2024 22:10	18.55	8.77	153.66	12.75	17.65	2.14	66.34	12.72	31.64	14.95	262.08	30.01	3.65	112.77	
20/08/2024 22:15	18.45	8.33	150.23	12.75	17.89	2.12	63.36	12.72	31.45	14.2	256.14	30.42	3.61	107.73	
20/08/2024 22:20	17.96	8.04	153.08	12.75	17.94	2.16	63.34	12.73	30.63	13.72	261.1	30.51	3.67	107.72	
20/08/2024 22:25	18.6	8.57	151.35	12.76	18.03	2.45	68.3	12.73	31.75	14.62	258.32	30.66	4.18	116.2	
20/08/2024 22:30	18.54	8.31	148.52	12.75	18.1	2.26	64.24	12.72	31.63	14.17	253.35	30.77	3.84	109.22	
20/08/2024 22:35	17.93	8	152.93	12.75	18.02	2.02	64.63	12.72	30.58	13.65	260.9	30.62	3.43	109.84	
20/08/2024 22:40	18.58	8.8	152.45	12.76	17.9	2.21	66.21	12.72	31.72	15.02	260.26	30.43	3.76	112.57	
20/08/2024 22:45	18.29	8.15	148.67	12.75	17.9	2.17	63.72	12.72	31.2	13.89	253.56	30.42	3.69	108.25	
20/08/2024 22:50	17.6	7.91	153.31	12.75	17.89	2.11	63.53	12.72	30.02	13.48	261.45	30.39	3.58	107.92	
20/08/2024 22:55	17.99	7.91	152.48	12.75	17.76	2.08	66.97	12.72	30.7	13.5	260.22	30.19	3.54	113.86	
20/08/2024 23:00	18.12	7.68	149.38	12.75	18.01	2.34	65.53	12.72	30.89	13.1	254.7	30.61	3.97	111.38	
20/08/2024 23:05	17.69	8	154.08	12.75	17.91	2.25	65.88	12.72	30.18	13.65	262.82	30.42	3.82	111.92	
20/08/2024 23:10	17.79	8.21	152.47	12.76	17.67	2.44	68.95	12.73	30.39	14.03	260.37	30.07	4.16	117.37	
20/08/2024 23:15	17.97	7.98	150.32	12.76	18.14	2.32	63.48	12.73	30.67	13.62	256.57	30.85	3.94	107.99	
20/08/2024 23:20	17.73	7.85	153.55	12.75	18.36	2.25	62.53	12.73	30.25	13.39	261.98	31.22	3.83	106.34	
20/08/2024 23:25	17.78	7.95	152.15	12.76	17.7	2.3	66.05	12.73	30.34	13.57	259.69	30.11	3.91	112.37	
20/08/2024 23:30	18.01	7.81	149.81	12.75	18.31	2.49	62.28	12.73	30.73	13.33	255.62	31.15	4.24	105.99	
20/08/2024 23:35	17.77	7.74	151.65	12.76	18.3	2.5	62.28	12.73	30.32	13.21	258.81	31.14	4.26	106	
20/08/2024 23:40	18.08	7.98	154.04	12.75	17.59	2.08	68.89	12.72	30.86	13.63	262.88	29.91	3.54	117.16	
20/08/2024 23:45	18.1	7.7	149.86	12.75	17.86	2.19	62.7	12.72	30.87	13.13	255.59	30.37	3.72	106.57	
20/08/2024 23:50	17.87	7.84	151.37	12.75	17.66	2.17	63.14	12.72	30.5	13.38	258.29	30.01	3.69	107.32	
20/08/2024 23:55	18.23	7.98	152.17	12.76	18.3	2.13	63.34	12.73	31.14	13.63	259.93	31.14	3.63	107.81	
21/08/2024 00:00	18.33	7.52	146.07	12.75	18.22	1.94	60.29	12.73	31.28	12.83	249.3	30.99	3.3	102.54	
21/08/2024 00:05	18	7.64	150.31	12.75	18.14	2	60.61	12.73	30.71	13.03	256.48	30.85	3.4	103.07	
21/08/2024 00:10	18.38	7.91	149.81	12.76	18.01	2.27	65.99	12.74	31.38	13.51	255.75	30.67	3.87	112.37	
21/08/2024 00:15	18.68	7.85	146.37	12.76	18.61	2.15	59.91	12.73	31.89	13.39	249.88	31.67	3.66	101.98	
21/08/2024 00:20	17.99	7.47	149.74	12.76	18.55	2.09	59.47	12.73	30.71	12.75	255.65	31.56	3.56	101.19	
21/08/2024 00:25	17.51	7.14	149.27	12.76	18.05	2.09	63.52	12.73	29.91	12.2	254.92	30.72	3.56	108.13	
21/08/2024 00:30	18.09	7.53	147.99	12.76	18.45	2.45	61.1	12.74	30.89	12.86	252.76	31.42	4.17	104.05	
21/08/2024 00:35	18.65	8.43	151.03	12.77	18.44	2.52	61.25	12.74	31.9	14.42	258.32	31.4			



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
21/08/2024 02:05	18.84	8.82	152.95	12.83	18.44	2.88	61.47	12.8	32.44	15.19	263.43	31.65	4.94	105.5	
21/08/2024 02:10	19.11	8.96	152.18	12.83	17.78	2.71	67.21	12.8	32.93	15.44	262.17	30.52	4.65	115.39	
21/08/2024 02:15	19.03	8.63	148.93	12.83	18.21	2.8	62.11	12.8	32.76	14.85	256.39	31.23	4.81	106.54	
21/08/2024 02:20	18.75	8.85	152.37	12.83	18.31	2.85	61.77	12.8	32.28	15.24	262.29	31.41	4.88	105.93	
21/08/2024 02:25	19.45	9.04	151.94	12.83	18.08	2.71	64.64	12.8	33.51	15.57	261.74	31.02	4.65	110.92	
21/08/2024 02:30	19.16	8.64	148.66	12.83	18.17	2.69	60.43	12.79	32.98	14.87	255.92	31.15	4.61	103.62	
21/08/2024 02:35	18.84	8.88	151.9	12.83	18.03	2.77	60.55	12.79	32.43	15.28	261.51	30.91	4.74	103.8	
21/08/2024 02:40	18.96	9.08	150.09	12.83	18.03	2.67	65.12	12.79	32.65	15.64	258.46	30.91	4.58	111.67	
21/08/2024 02:45	18.87	8.67	144.23	12.82	18.16	2.64	61.27	12.79	32.47	14.92	248.15	31.12	4.52	105.01	
21/08/2024 02:50	18.84	8.78	151.68	12.82	18.02	2.64	61.23	12.79	32.41	15.11	260.97	30.87	4.53	104.94	
21/08/2024 02:55	19.08	9.03	150.75	12.83	18.15	2.83	66.25	12.79	32.85	15.56	259.65	31.13	4.86	113.65	
21/08/2024 03:00	19	8.54	146.97	12.82	18.3	2.67	60.91	12.8	32.69	14.69	252.92	31.4	4.58	104.48	
21/08/2024 03:05	18.85	8.61	149.84	12.82	18.39	2.64	60.23	12.8	32.45	14.82	257.85	31.55	4.53	103.33	
21/08/2024 03:10	19.27	8.87	149.83	12.83	17.83	2.66	64.24	12.79	33.19	15.28	258.07	30.57	4.57	110.18	
21/08/2024 03:15	19.01	8.48	146.21	12.82	18.11	2.71	61.21	12.79	32.71	14.6	251.62	31.05	4.65	104.97	
21/08/2024 03:20	18.93	8.81	151.39	12.83	18.06	2.67	60.58	12.79	32.58	15.17	260.66	30.97	4.58	103.85	
21/08/2024 03:25	19.24	9.17	152.65	12.83	17.89	2.75	65.61	12.8	33.15	15.8	262.96	30.7	4.72	112.6	
21/08/2024 03:30	19.01	8.73	149.36	12.83	17.92	2.82	61.52	12.79	32.73	15.03	257.14	30.72	4.83	105.51	
21/08/2024 03:35	18.74	8.62	149.24	12.82	17.8	2.85	61.19	12.79	32.27	14.83	256.9	30.51	4.88	104.9	
21/08/2024 03:40	19.05	8.92	149.71	12.82	18.29	2.87	66.41	12.79	32.79	15.36	257.7	31.36	4.93	113.9	
21/08/2024 03:45	19.01	8.6	147.16	12.82	18.27	2.76	61.48	12.79	32.68	14.8	253.1	31.29	4.73	105.32	
21/08/2024 03:50	18.8	8.84	151.01	12.82	18.14	2.78	62.2	12.79	32.34	15.21	259.78	31.08	4.77	106.56	
21/08/2024 03:55	19.36	9.04	150.76	12.83	17.87	2.77	63.65	12.79	33.32	15.56	259.52	30.64	4.75	109.1	
21/08/2024 04:00	19.11	8.69	147.5	12.82	18.11	2.82	61.74	12.79	32.86	14.94	253.66	31.03	4.83	105.78	
21/08/2024 04:05	18.67	8.78	150	12.82	18.31	2.91	62.03	12.79	32.1	15.1	257.9	31.37	4.98	106.26	
21/08/2024 04:10	18.89	9.09	150.74	12.82	17.87	2.75	64.32	12.79	32.51	15.65	259.42	30.62	4.71	110.22	
21/08/2024 04:15	18.81	8.56	146.92	12.81	18.2	2.77	61.26	12.78	32.33	14.71	252.56	31.17	4.74	104.9	
21/08/2024 04:20	18.59	8.72	150.82	12.81	18.41	2.78	61.17	12.78	31.93	14.97	259.12	31.51	4.76	104.71	
21/08/2024 04:25	19.31	9.01	149.36	12.81	17.89	2.62	63.9	12.79	33.19	15.48	256.76	30.64	4.5	109.48	
21/08/2024 04:30	19.06	8.63	146.63	12.81	18.3	2.78	60.68	12.79	32.76	14.83	252	31.35	4.76	103.95	
21/08/2024 04:35	18.52	8.67	150.13	12.82	18.45	2.81	60.58	12.78	31.85	14.92	258.23	31.61	4.82	103.75	
21/08/2024 04:40	18.8	8.96	150.36	12.82	18.02	2.8	64.07	12.79	32.35	15.41	258.78	30.9	4.8	109.88	
21/08/2024 04:45	18.82	8.65	147.31	12.82	18.2	2.88	61.21	12.8	32.38	14.89	253.44	31.21	4.95	104.99	
21/08/2024 04:50	18.7	8.73	150.83	12.83	18.19	2.89	61.14	12.8	32.2	15.04	259.7	31.2	4.96	104.88	
21/08/2024 04:55	18.64	8.79	148.68	12.83	18.06	2.8	64.89	12.8	32.11	15.14	256.08	30.98	4.81	111.36	
21/08/2024 05:00	18.71	8.59	145.03	12.83	18.44	2.79	60.6	12.79	32.21	14.8	249.67	31.62	4.79	103.92	
21/08/2024 05:05	18.59	8.73	151.26	12.82	18.38	2.81	60.41	12.79	32	15.02	260.31	31.5	4.82	103.56	
21/08/2024 05:10	18.77	9.06	151.44	12.83	17.86	2.67	64.13	12.79	32.33	15.6	260.78	30.62	4.57	109.96	
21/08/2024 05:15	18.71	8.67	147.16	12.82	18.14	2.77	60.76	12.79	32.18	14.91	253.13	31.08	4.74	104.1	
21/08/2024 05:20	18.65	8.72	150.63	12.82	18.08	2.78	60.8	12.79	32.06	14.99	258.99	30.97	4.77	104.15	
21/08/2024 05:25	19.16	8.99	150.96	12.82	17.8	2.7	63.73	12.79	32.97	15.47	259.8	30.5	4.64	109.25	
21/08/2024 05:30	19.04	8.69	147	12.82	18.14	2.9	62.08	12.8	32.74	14.94	252.85	31.12	4.98	106.49	
21/08/2024 05:35	18.61	8.67	150.26	12.82	17.98	2.89	62.72	12.8	32.02	14.92	258.56	30.85	4.96	107.59	
21/08/2024 05:40	19.02	8.99	149.69	12.83	17.91	2.98	66.49	12.8	32.76	15.49	257.82	30.72	5.12	114.09	
21/08/2024 05:45	18.88	8.59	146.98	12.82	18.22	2.88	61.92	12.8	32.5	14.79	253.01	31.26	4.94	106.2	
21/08/2024 05:50	18.63	8.71	150.86	12.83	18.23	2.88	61.81	12.79	32.07	15	259.74	31.27	4.93	105.99	
21/08/2024 05:55	18.48	8.97	149.85	12.83	17.82	2.79	64.58	12.8	31.84	15.45	258.19	30.58	4.8	110.84	
21/08/2024 06:00	18.57	8.48	146.67	12.83	17.97	2.78	62.27	12.8	31.97	14.61	252.53	30.82	4.77	106.81	
21/08/2024 06:05	18.7	8.54	150.03	12.83	17.7	2.78	62.81	12.8	32.2	14.71	258.38	30.36	4.77	107.73	
21/08/2024 06:10	19.01	8.92	150.3	12.83	17.85	2.73	63.72	12.8	32.75	15.37	258.97	30.62	4.69	109.34	
21/08/2024 06:15	18.95	8.55	147.4	12.83	18.04	2.83	62.29	12.8	32.62	14.72	253.77	30.97	4.86	106.9	
21/08/2024 06:20	18.64	8.52	149.73	12.83	18.08	2.81	62.25	12.8	32.1	14.68	257.83	31.03	4.83	106.84	
21/08/2024 06:25	19.03	8.72	150.27	12.83	17.79	2.76	68.54	12.8	32.78	15.02	258.87	30.53	4.74	117.66	
21/08/2024 06:30	18.93	8.36	146.66	12.83	18.04	2.76	60.95	12.8	32.59	14.39	252.48	30.96	4.74	104.58	
21/08/2024 06:35	18.61	8.43	149.43	12.82	18	2.75	60.86	12.8	32.03	14.51	257.22	30.89	4.72	104.44	
21/08/2024 06:40	18.89	8.57	149.01	12.83	17.82	2.78	64.77	12.8	32.52	14.76	256.6	30.57	4.77	111.12	
21/08/2024 06:45	18.86	8.36	144.33	12.82	18.05	2.81	61.7	12.79	32.44	14.39	248.33	30.95	4.82	105.78	
21/08/2024 06:50	18.72	8.44	149.77	12.82	18.2	2.81	61.69	12.79	32.2	14.52	257.6	31.21	4.83	105.78	
21/08/2024 06:55	18.89	8.6	148.93	12.82	17.89	2.6	61.96	12.79	32.49	14.79	256.12	30.66	4.46	106.18	
21/08/2024 07:00	18.82	8.23	145.37	12.81	18.11	2.72	59.13	12.78	32.34	14.15	249.86	31.02	4.66	101.27	
21/08/2024 07:05	18.63	8.22	148.53	12.81	18.02	2.75	58.77	12.78	32.04	14.13	255.36	30.86	4.71	100.65	
21/08/2024 07:10	19.12	8.53	150.34	12.82	18.03	2.7	63.01	12.79	32.9	14.68	258.73	30.92	4.63	108.04	
21/08/2024 07:15	19.01	8.18	146.57	12.82	18.23	2.72	59.68	12.79	32.69	14.08	252.04	31.25	4.67	102.29	
21/08/2024 07:20	18.51	8.13	147.84	12.82	18.42	2.74	60.27	12.79	31.84	13.98	254.29	31.57	4.69	103.28	
21/08/2024 07:25	19.11	8.55	149.1	12.83	17.99	2.54	62.9	12.8	32.9	14.72	256.71	30.85	4.35	107.91	
21/08/2024 07:30	18.99	8.13	145.51	12.82	18.28	2.58	58.26	12.79	32.67	13.99	250.33	31.33	4.43	99.85	
21/08/2024 07:35	18.61	8.14	148.5	12.82	18.36	2.63	57.94	12.79	32.02	14	255.44	31.46	4.5	99.29	
21/08/2024 07:40	19.15	8.49	148.41	12.82	17.92	2.5	61.83	12.79	32.96	14.62	255.41	30.71	4.28	105.96	
21/08/2024 07:45	18.98	7.95	143.24	12.81	18.17	2.52	58.95	12.78	32.62	13.67	246.27	31.12	4.32	100.96	
21/08/2024 07:50	18.59	8.09	147.55	12.81	18.19	2.58	59.48	12.78	31.96	13.9	253.67	31.15	4.42	101.88	
21/08/2024 07:55	19.04	8.19	147.3	12.82	17.91	2.53	63.3	12.78	32.74	14.08	253.37	30.67	4.33	108.46	
21/08/2024 08:00	18.94	7.95	144.27	12.81	18.46	2.53	57.92								



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
21/08/2024 09:30	18.81	7.51	143.31	12.8	18.27	2.19	56.55	12.77	32.27	12.89	245.85	31.21	3.75	96.62	
21/08/2024 09:35	18.58	7.51	144.71	12.79	18.3	2.22	56.88	12.77	31.86	12.87	248.09	31.27	3.79	97.21	
21/08/2024 09:40	18.71	7.77	144.99	12.8	17.85	2.07	60.14	12.76	32.09	13.33	248.72	30.49	3.55	102.75	
21/08/2024 09:45	18.7	7.39	140.75	12.79	18.11	2.12	56.8	12.76	32.05	12.66	241.22	30.93	3.62	96.98	
21/08/2024 09:50	18.72	7.47	143.74	12.79	18.08	2.17	56.81	12.76	32.07	12.8	246.26	30.86	3.71	96.99	
21/08/2024 09:55	19	7.93	142.81	12.79	17.99	2.1	60.38	12.76	32.57	13.6	244.78	30.72	3.6	103.1	
21/08/2024 10:00	18.62	7.25	140.22	12.78	18.12	2.03	56.91	12.75	31.89	12.42	240.1	30.92	3.46	97.08	
21/08/2024 10:05	18.3	7.26	144.6	12.78	18.08	2.08	57.95	12.75	31.32	12.42	247.46	30.84	3.55	98.88	
21/08/2024 10:10	18.96	7.84	145.7	12.78	17.82	1.95	59.2	12.75	32.47	13.43	249.55	30.39	3.32	100.96	
21/08/2024 10:15	18.9	7.45	141.31	12.78	18.31	2.04	57.23	12.74	32.34	12.74	241.8	31.2	3.47	97.54	
21/08/2024 10:20	18.22	6.9	141.97	12.77	18.42	2.09	57.78	12.74	31.15	11.79	242.69	31.39	3.57	98.47	
21/08/2024 10:25	19.14	7.46	142.06	12.78	17.98	1.97	61.41	12.75	32.77	12.77	243.23	30.67	3.36	104.75	
21/08/2024 10:30	18.73	6.9	139.95	12.77	18.41	1.84	55.29	12.74	32.04	11.8	239.35	31.37	3.13	94.23	
21/08/2024 10:35	18.68	7.14	141.3	12.77	18.58	1.83	55.2	12.74	31.96	12.22	241.73	31.66	3.12	94.08	
21/08/2024 10:40	19.02	6.68	140.86	12.77	17.88	1.63	60.46	12.74	32.51	11.42	240.79	30.47	2.78	103.01	
21/08/2024 10:45	18.77	6.41	137.33	12.77	18.25	1.76	54.53	12.74	32.07	10.95	234.68	31.07	3	92.87	
21/08/2024 10:50	18.1	6.63	140.77	12.77	18.05	1.74	53.72	12.74	30.94	11.34	240.63	30.73	2.95	91.46	
21/08/2024 10:55	18.23	6.98	140.61	12.77	17.9	1.71	58.81	12.74	31.18	11.93	240.55	30.51	2.91	100.24	
21/08/2024 11:00	18.41	6.84	138.5	12.77	18.18	1.84	56.27	12.74	31.48	11.69	236.8	30.98	3.13	95.88	
21/08/2024 11:05	18.06	6.58	141.17	12.77	18.19	1.81	55.7	12.74	30.88	11.24	241.34	30.99	3.09	94.91	
21/08/2024 11:10	18.69	7.14	141.34	12.77	17.86	1.68	58.44	12.74	31.96	12.21	241.71	30.44	2.87	99.62	
21/08/2024 11:15	18.86	7.05	136.8	12.77	18.23	1.83	55.44	12.75	32.26	12.06	233.92	31.08	3.12	94.52	
21/08/2024 11:20	18.52	6.68	141.23	12.77	18.25	1.84	55.45	12.75	31.66	11.41	241.4	31.11	3.14	94.52	
21/08/2024 11:25	18.66	6.82	142.15	12.77	18.12	1.84	60.21	12.74	31.91	11.67	243.06	30.86	3.13	102.57	
21/08/2024 11:30	18.7	6.68	139.54	12.76	18.22	1.67	57.83	12.73	31.92	11.41	238.2	30.98	2.84	98.33	
21/08/2024 11:35	18.52	6.71	142.18	12.74	18.22	1.64	57.78	12.72	31.54	11.43	242.12	30.97	2.79	98.23	
21/08/2024 11:40	18.82	6.82	141.99	12.74	18.18	1.57	60	12.71	32.05	11.61	241.77	30.84	2.67	101.79	
21/08/2024 11:45	18.85	6.54	137.21	12.72	18.45	1.61	57.29	12.69	32.05	11.12	233.27	31.24	2.72	97	
21/08/2024 11:50	18.25	6.09	140.03	12.7	18.55	1.61	57.84	12.69	30.93	10.33	237.38	31.39	2.73	97.9	
21/08/2024 11:55	19.14	6.88	140.42	12.7	18.47	1.58	58.4	12.67	32.47	11.66	238.17	31.19	2.68	98.66	
21/08/2024 12:00	19.09	6.52	136.04	12.69	18.33	1.38	55.43	12.66	32.33	11.05	230.43	30.91	2.32	93.47	
21/08/2024 12:05	18.19	6.16	140.01	12.68	18.44	1.45	55.81	12.66	30.77	10.42	236.83	31.09	2.45	94.11	
21/08/2024 12:10	18.36	6.69	141.54	12.69	18.3	1.71	59.12	12.67	31.1	11.33	239.65	30.9	2.89	99.85	
21/08/2024 12:15	18.52	6.45	135.94	12.69	18.38	1.67	54.55	12.67	31.36	10.93	230.19	31.05	2.82	92.13	
21/08/2024 12:20	18.57	6.31	138.86	12.7	18.5	1.78	54.47	12.67	31.47	10.7	235.32	31.24	3.01	91.98	
21/08/2024 12:25	18.6	6.75	139.62	12.71	18.23	1.63	58.59	12.67	31.55	11.45	236.84	30.81	2.76	99.03	
21/08/2024 12:30	18.69	6.55	137.18	12.7	18.39	1.62	55.19	12.67	31.68	11.1	232.53	31.05	2.73	93.19	
21/08/2024 12:35	18.28	6.3	140.36	12.7	18.41	1.75	54.91	12.67	30.97	10.68	237.83	31.08	2.96	92.7	
21/08/2024 12:40	17.96	6.02	141.65	12.7	17.9	1.43	57.35	12.68	30.45	10.21	240.16	30.26	2.42	96.95	
21/08/2024 12:45	18.26	6.02	136.72	12.7	18.17	1.4	54.47	12.68	30.96	10.21	231.79	30.71	2.37	92.07	
21/08/2024 12:50	18.16	6.23	139.89	12.71	18.05	1.34	54.72	12.68	30.83	10.58	237.51	30.5	2.27	92.49	
21/08/2024 12:55	18.58	6.59	140.2	12.72	18.14	1.52	57.55	12.69	31.59	11.2	238.33	30.72	2.57	97.49	
21/08/2024 13:00	18.64	6.43	137.17	12.72	18.23	1.53	55.27	12.69	31.68	10.93	233.11	30.88	2.59	93.62	
21/08/2024 13:05	18.24	6.36	141.8	12.72	18.42	1.67	54.69	12.69	31	10.82	241.01	31.2	2.83	92.61	
21/08/2024 13:10	18.72	6.57	141.39	12.73	18.09	1.32	57.8	12.69	31.83	11.18	240.41	30.62	2.23	97.88	
21/08/2024 13:15	18.76	6.28	137.92	12.72	18.31	1.3	54.32	12.69	31.87	10.67	234.35	31	2.19	91.93	
21/08/2024 13:20	18.08	5.98	140.2	12.72	18.22	1.13	54.08	12.68	30.72	10.16	238.16	30.82	1.9	91.48	
21/08/2024 13:25	18	6.2	140.34	12.72	18.07	1.35	56.56	12.69	30.61	10.54	238.62	30.6	2.29	95.83	
21/08/2024 13:30	18.37	6.1	136.99	12.72	18.13	1.34	53.51	12.69	31.22	10.36	232.84	30.72	2.27	90.64	
21/08/2024 13:35	18.38	6.29	139.94	12.72	17.78	1.09	53.42	12.69	31.25	10.69	237.88	30.11	1.85	90.47	
21/08/2024 13:40	18.71	6.44	139.68	12.73	18.01	1.18	56.5	12.69	31.82	10.96	237.59	30.52	2	95.73	
21/08/2024 13:45	18.67	6.22	136.93	12.72	18.23	1.22	54.79	12.69	31.71	10.57	232.65	30.86	2.07	92.72	
21/08/2024 13:50	18.02	6.08	141.11	12.7	18.11	1.06	55.08	12.68	30.55	10.32	239.27	30.63	1.8	93.17	
21/08/2024 13:55	18.18	6.12	140.85	12.7	18.37	1.58	60.28	12.67	30.8	10.36	238.62	31.03	2.67	101.85	
21/08/2024 14:00	18.43	6.07	137.77	12.68	18.24	1.13	55.5	12.65	31.18	10.28	233.11	30.74	1.91	93.55	
21/08/2024 14:05	18.3	6.05	140.21	12.67	18.14	1.14	55.67	12.65	30.9	10.21	236.74	30.57	1.92	93.82	
21/08/2024 14:10	18.4	6.57	141.23	12.67	18.52	1.65	58.23	12.65	31.08	11.09	238.49	31.2	2.79	98.08	
21/08/2024 14:15	18.68	6.37	137.9	12.67	18.34	1.41	55.71	12.64	31.53	10.75	232.81	30.87	2.37	93.77	
21/08/2024 14:20	18.38	6.11	140.52	12.67	18.17	1.33	55.8	12.64	31.02	10.32	237.19	30.58	2.24	93.9	
21/08/2024 14:25	18.64	6.41	141.43	12.66	18.23	1.22	58.09	12.63	31.45	10.81	238.7	30.66	2.06	97.72	
21/08/2024 14:30	18.7	6.3	138.32	12.66	18.17	0.9	55.37	12.62	31.53	10.62	233.25	30.52	1.51	92.98	
21/08/2024 14:35	18.36	6.2	141.23	12.65	18.08	0.61	55.25	12.62	30.95	10.45	238.02	30.35	1.02	92.75	
21/08/2024 14:40	18.66	6.35	140.98	12.66	18.08	1.25	57.73	12.63	31.49	10.72	237.89	30.41	2.11	97.09	
21/08/2024 14:45	18.73	6	135.8	12.66	18.57	1.27	53.7	12.63	31.57	10.11	228.99	31.21	2.13	90.28	
21/08/2024 14:50	18.56	6.19	141.57	12.65	18.7	1.25	53.58	12.63	31.29	10.43	238.61	31.43	2.1	90.05	
21/08/2024 14:55	18.75	6.2	141.04	12.65	18.18	1.19	58.42	12.62	31.61	10.45	237.76	30.52	2	98.13	
21/08/2024 15:00	18.75	6.19	135.93	12.65	18.15	1.1	54.47	12.61	31.59	10.42	229	30.44	1.84	91.37	
21/08/2024 15:05	18.27	6.09	141.15	12.65	17.97	1.11	54.47	12.61	30.77	10.26	237.73	30.14	1.86	91.37	
21/08/2024 15:10	18.59	6.38	141.12	12.66	18.11	1.27	56.93	12.63	31.35	10.76	237.95	30.44	2.14	95.71	
21/08/2024 15:15	18.76	6.13	137.01	12.65	18.32	1.25	53.7	12.63	31.62	10.33	231	30.79	2.1	90.28	
21/08/2024 15:20	18.38	6.06	140.19	12.66	18.28	1.2	53.63	12.63	31	10.23	236.47	30.73	2.02	90.13	
21/08/2024 15:25	18.48	5.91	141.01	12.66	18.33	1.31	58.12	12.63	31.16	9.97	237.85	30.81	2.21		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
21/08/2024 16:55	18.29	6.65	143.75	12.67	18.4	1.83	61.42	12.65	30.88	11.23	242.71	30.98	3.09	103.45	
21/08/2024 17:00	18.4	6.51	140.5	12.66	18.17	1.42	57.91	12.64	31.04	10.99	237.1	30.56	2.39	97.42	
21/08/2024 17:05	18.04	6.58	145.11	12.66	18.55	1.72	57.83	12.64	30.44	11.1	244.87	31.2	2.89	97.28	
21/08/2024 17:10	17.86	6.28	144.18	12.67	17.94	1.66	61.64	12.65	30.15	10.6	243.43	30.21	2.8	103.82	
21/08/2024 17:15	18.3	6.13	137.92	12.65	18.16	1.69	57.98	12.64	30.82	10.32	232.3	30.57	2.85	97.58	
21/08/2024 17:20	17.86	5.56	137.32	12.62	18.28	2.02	57.95	12.64	29.98	9.33	230.54	30.78	3.4	97.57	
21/08/2024 17:25	18.28	6.04	137.56	12.62	18.12	1.7	59.08	12.64	30.71	10.14	231.06	30.5	2.86	99.44	
21/08/2024 17:30	18.57	6.06	135.89	12.64	18.57	1.76	54.38	12.64	31.24	10.2	228.66	31.25	2.96	91.48	
21/08/2024 17:35	18.38	6.72	143.86	12.67	18.75	1.84	53.13	12.63	31.05	11.35	242.96	31.51	3.1	89.29	
21/08/2024 17:40	18.94	7.56	146.19	12.68	17.86	1.36	55.71	12.62	32.01	12.79	247.11	29.99	2.28	93.55	
21/08/2024 17:45	18.83	7.39	143.11	12.67	17.73	1.28	52.8	12.61	31.8	12.49	241.76	29.73	2.15	88.56	
21/08/2024 17:50	17.65	7.34	148.86	12.67	17.61	1.17	53.44	12.61	29.8	12.4	251.29	29.54	1.97	89.64	
21/08/2024 17:55	15.01	10.69	183.34	12.61	17.52	1.02	56.57	12.62	25.16	17.92	307.46	29.4	1.71	94.95	
21/08/2024 18:00	14.87	11.01	181.7	12.61	18.54	1.18	48.74	12.63	24.92	18.45	304.56	31.15	1.98	81.92	
21/08/2024 18:05	13.15	11.72	187.64	12.61	18.92	1.53	50.84	12.64	22.05	19.66	314.73	31.84	2.58	85.57	
21/08/2024 18:10	13.86	12.51	187.63	12.64	17.74	1.61	58.89	12.65	23.33	21.04	315.7	29.89	2.71	99.23	
21/08/2024 18:15	14.22	11.91	181.3	12.64	18.57	1.39	52.67	12.66	23.94	20.05	305.19	31.31	2.35	88.81	
21/08/2024 18:20	13.05	11.87	183.98	12.65	18.48	1.31	52.55	12.65	21.99	20.01	310.05	31.16	2.21	88.58	
21/08/2024 18:25	12.96	11.11	181.76	12.65	17.86	1.67	56.96	12.66	21.84	18.72	306.36	30.12	2.81	96.05	
21/08/2024 18:30	13.35	11.11	178.39	12.66	18.44	1.44	52.52	12.66	22.5	18.73	300.75	31.1	2.43	88.57	
21/08/2024 18:35	12.44	11.84	185.31	12.66	18.33	1.25	51.91	12.65	20.99	19.97	312.57	30.9	2.11	87.5	
21/08/2024 18:40	13.15	12.44	184.98	12.66	17.77	1.52	57.62	12.65	22.19	20.99	312.15	29.96	2.56	97.13	
21/08/2024 18:45	13.42	11.91	180.33	12.66	18.48	1.52	53.19	12.66	22.64	20.08	304.15	31.16	2.56	89.68	
21/08/2024 18:50	12.64	11.99	184.65	12.66	18.89	1.81	53.05	12.66	21.32	20.23	311.56	31.86	3.06	89.46	
21/08/2024 18:55	13.24	12.72	184.99	12.67	18.17	2.1	58.83	12.67	22.38	21.49	312.62	30.68	3.55	99.35	
21/08/2024 19:00	13.62	12.25	180.34	12.67	18.56	1.38	53.07	12.66	23	20.68	304.49	31.31	2.33	89.5	
21/08/2024 19:05	12.38	11.69	184.35	12.66	18.34	1.22	53.47	12.65	20.88	19.72	310.81	30.92	2.06	90.14	
21/08/2024 19:10	11.99	11.52	184.83	12.66	17.84	1.73	57.33	12.66	20.23	19.43	311.83	30.12	2.91	96.76	
21/08/2024 19:15	12.84	11.42	180.54	12.66	18.45	1.47	52.28	12.67	21.66	19.28	304.66	31.15	2.48	88.28	
21/08/2024 19:20	12.43	11.6	184.08	12.66	17.83	1.14	52.47	12.67	20.97	19.58	310.56	30.09	1.93	88.57	
21/08/2024 19:25	12.51	11.85	185.49	12.66	17.53	1.48	56.91	12.66	21.11	19.99	313	29.58	2.5	96.02	
21/08/2024 19:30	13.03	11.88	180	12.66	18.34	1.51	53.02	12.67	21.99	20.04	303.76	30.97	2.56	89.52	
21/08/2024 19:35	12.34	11.51	182.89	12.66	18.22	1.38	53.05	12.67	20.81	19.42	308.44	30.76	2.32	89.56	
21/08/2024 19:40	13.35	12.24	183.93	12.66	17.79	1.7	57.28	12.6	22.53	20.66	310.42	29.79	2.86	96.02	
21/08/2024 19:45	13.68	12	176.97	12.63	18.59	1.88	52.9	12.59	22.99	20.17	297.47	31.1	3.14	88.49	
21/08/2024 19:50	12.61	11.93	184.52	12.59	18.89	2.25	52.95	12.59	21.08	19.95	308.5	31.61	3.77	88.61	
21/08/2024 19:55	13.47	12.62	183.01	12.59	17.95	2.11	58.49	12.59	22.54	21.12	306.25	30.04	3.53	97.89	
21/08/2024 20:00	13.58	11.9	178.71	12.59	18.62	1.73	53.05	12.59	22.71	19.91	298.85	31.16	2.9	88.76	
21/08/2024 20:05	12.14	11.46	182.76	12.58	18.86	1.99	53.25	12.59	20.29	19.16	305.46	31.56	3.32	89.11	
21/08/2024 20:10	12.76	12.06	182.38	12.59	18.08	1.95	55.43	12.6	21.34	20.17	304.97	30.26	3.26	92.78	
21/08/2024 20:15	13.34	11.73	177.99	12.58	18.24	1.47	52.07	12.59	22.29	19.61	297.53	30.53	2.47	87.15	
21/08/2024 20:20	12.15	11.44	183.47	12.58	18.16	1.61	52.58	12.6	20.29	19.12	306.44	30.39	2.7	88	
21/08/2024 20:25	12.7	11.7	183.31	12.58	17.43	1.9	60.79	12.59	21.23	19.56	306.29	29.17	3.17	101.71	
21/08/2024 20:30	13.25	11.33	176.9	12.58	18.38	1.8	53.48	12.6	22.15	18.93	295.65	30.78	3.02	89.59	
21/08/2024 20:35	12.5	11.98	184.71	12.59	18.36	1.91	53.75	12.6	20.92	20.05	308.99	30.76	3.2	90.05	
21/08/2024 20:40	13.1	12.74	183.58	12.6	17.87	1.87	57.67	12.6	21.94	21.34	307.44	29.93	3.13	96.61	
21/08/2024 20:45	13.23	12.04	179.8	12.6	18.62	2	53.7	12.61	22.15	20.15	300.93	31.2	3.35	90	
21/08/2024 20:50	12.56	12.25	184.55	12.6	18.92	2.28	54.19	12.61	21.02	20.5	308.91	31.72	3.83	90.85	
21/08/2024 20:55	13.64	13	185.58	12.6	18.05	2.14	58.74	12.61	22.86	21.79	310.96	30.25	3.59	98.44	
21/08/2024 21:00	13.64	12.24	180.67	12.6	18.29	1.59	53.43	12.6	22.84	20.5	302.4	30.63	2.66	89.47	
21/08/2024 21:05	12.43	12.09	184.5	12.59	18.19	1.38	52.7	12.6	20.79	20.21	308.54	30.44	2.3	88.21	
21/08/2024 21:10	12.02	11.72	184.17	12.59	17.97	2.08	56.86	12.6	20.11	19.62	308.19	30.12	3.48	95.26	
21/08/2024 21:15	12.67	11.35	179.26	12.59	18.76	1.82	53.18	12.6	21.19	18.99	299.8	31.42	3.05	89.09	
21/08/2024 21:20	11.93	11.75	184.61	12.59	19.13	1.99	53.3	12.6	19.94	19.64	308.62	32.03	3.33	89.27	
21/08/2024 21:25	12.66	11.67	182.99	12.59	17.61	1.93	57.82	12.6	21.17	19.51	306.05	29.5	3.23	96.83	
21/08/2024 21:30	13.12	11.33	178.4	12.59	18.62	2.07	52.3	12.61	21.95	18.95	298.38	31.22	3.48	87.68	
21/08/2024 21:35	12.13	11.8	184.57	12.59	18.89	2.3	52.05	12.61	20.29	19.74	308.8	31.68	3.85	87.28	
21/08/2024 21:40	13.07	12.82	185.12	12.6	17.59	1.79	57.97	12.6	21.9	21.48	310.13	29.47	2.99	97.12	
21/08/2024 21:45	13.56	12.52	181.21	12.6	18.39	2.01	53.94	12.6	22.7	20.96	303.45	30.82	3.36	90.38	
21/08/2024 21:50	12.73	12.38	184.3	12.6	18.72	2.45	54.38	12.61	21.31	20.73	308.5	31.38	4.11	91.15	
21/08/2024 21:55	12.4	11.83	184.34	12.59	17.7	1.98	58.82	12.61	20.75	19.79	308.5	29.67	3.31	98.59	
21/08/2024 22:00	12.69	11.56	177.26	12.59	18.25	1.75	55.12	12.61	21.23	19.33	296.51	30.58	2.93	92.39	
21/08/2024 22:05	12.41	12.19	184.54	12.59	18.13	1.8	55.7	12.61	20.76	20.4	308.8	30.38	3.01	93.37	
21/08/2024 22:10	11.81	11.77	183.87	12.6	17.67	2.16	58.56	12.61	19.76	19.7	307.8	29.63	3.61	98.19	
21/08/2024 22:15	12.68	11.28	177.95	12.59	18.41	1.83	52.96	12.61	21.21	18.88	297.78	30.88	3.08	88.8	
21/08/2024 22:20	12.38	11.66	182.45	12.59	18.42	1.86	53.05	12.61	20.71	19.5	305.21	30.89	3.12	88.94	
21/08/2024 22:25	12.48	11.9	181.11	12.6	17.76	2.01	57.62	12.61	20.89	19.92	303.19	29.77	3.36	96.59	
21/08/2024 22:30	13.07	11.53	176.16	12.6	18.8	1.95	52.83	12.61	21.88	19.3	294.86	31.52	3.27	88.6	
21/08/2024 22:35	12.42	12.04	183.19	12.59	19.09	2.02	52.47	12.61	20.78	20.15	306.6	32.02	3.38	87.99	
21/08/2024 22:40	11.67	11.32	182.4	12.59	17.52	1.92	57.87	12.61	19.53	18.95	305.24	29.37	3.22	97.01	
21/08/2024 22:45	12.63	11.28	177.79	12.59	18.61	1.98	52.88	12.62	21.14	18.88	297.47	31.22	3.32	88.72	
21/08/2024 22:50	12.12	11.69	182.74	12.59	18.55	1.84	52.67	12.61	20.29	19.56	305.75	31.11	3.09	88.36	
21/08/2024 22:5															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
22/08/2024 00:20	12.36	12.25	184.36	12.6	18.58	2.03	52.95	12.62	20.69	20.5	308.57	31.17	3.41	88.85	
22/08/2024 00:25	11.65	11.35	182.05	12.59	17.41	2.09	60.53	12.61	19.49	18.99	304.59	29.19	3.51	101.48	
22/08/2024 00:30	12.53	11.55	174.56	12.59	18.29	1.88	54.13	12.61	20.97	19.33	292.08	30.68	3.16	90.82	
22/08/2024 00:35	12.09	12.05	184.02	12.59	18.47	1.99	53.73	12.61	20.23	20.16	307.87	30.98	3.33	90.14	
22/08/2024 00:40	12.06	11.95	184.69	12.59	17.38	2.07	59.58	12.61	20.17	20	309.06	29.14	3.46	99.86	
22/08/2024 00:45	12.84	11.73	179.55	12.59	18.27	1.88	55.1	12.61	21.48	19.63	300.35	30.64	3.15	92.41	
22/08/2024 00:50	11.81	11.76	183.54	12.59	18.17	1.92	55.56	12.61	19.75	19.67	306.95	30.48	3.23	93.21	
22/08/2024 00:55	12.73	13.02	184.76	12.6	17.65	1.7	58.5	12.61	21.32	21.81	309.52	29.6	2.85	98.14	
22/08/2024 01:00	12.84	12	179.82	12.59	18.46	1.66	52.51	12.61	21.49	20.08	300.95	30.95	2.79	88.05	
22/08/2024 01:05	12.23	12.09	184.2	12.59	18.36	1.59	51.8	12.61	20.47	20.22	308.1	30.78	2.67	86.83	
22/08/2024 01:10	11.96	11.76	183.72	12.6	17.47	1.89	61.23	12.61	20.02	19.68	307.55	29.31	3.17	102.69	
22/08/2024 01:15	12.44	11.53	180.66	12.6	18.29	2.05	53.1	12.62	20.82	19.3	302.42	30.7	3.43	89.13	
22/08/2024 01:20	12.47	12.12	182.8	12.6	18.17	2.09	53.77	12.62	20.88	20.29	305.97	30.5	3.52	90.25	
22/08/2024 01:25	11.27	11.45	182.9	12.59	17.47	2	57.95	12.61	18.85	19.15	305.96	29.3	3.35	97.17	
22/08/2024 01:30	12.39	11.4	178.08	12.59	18.37	1.97	53.92	12.62	20.74	19.08	297.92	30.82	3.31	90.47	
22/08/2024 01:35	12.26	12.09	184.26	12.6	18.55	2.17	55	12.62	20.54	20.24	308.52	31.13	3.65	92.32	
22/08/2024 01:40	12.59	12	183.57	12.6	17.69	1.89	57.52	12.61	21.08	20.1	307.5	29.67	3.18	96.45	
22/08/2024 01:45	12.74	11.42	179.32	12.59	18.38	1.91	53.19	12.61	21.32	19.11	300.02	30.82	3.2	89.22	
22/08/2024 01:50	12.21	12.15	184.08	12.59	18.42	2	52.86	12.61	20.43	20.33	308	30.9	3.36	88.66	
22/08/2024 01:55	12.38	12.26	183.74	12.6	17.59	1.95	60.32	12.61	20.73	20.53	307.7	29.5	3.27	101.19	
22/08/2024 02:00	12.6	11.74	177.07	12.59	17.93	1.6	53.35	12.61	21.08	19.63	296.16	30.06	2.68	89.44	
22/08/2024 02:05	12.08	12.11	184.65	12.57	17.84	1.45	52.75	12.6	20.17	20.22	308.27	29.9	2.44	88.39	
22/08/2024 02:10	13.44	13.41	186.75	12.59	17.83	2.32	58.19	12.61	22.48	22.43	312.33	29.9	3.89	97.55	
22/08/2024 02:15	13.62	12.09	177.14	12.58	18.41	1.95	53.73	12.61	22.76	20.2	296	30.86	3.27	90.08	
22/08/2024 02:20	11.98	12.12	185.91	12.57	17.97	1.78	54.11	12.61	19.98	20.23	310.19	30.11	2.99	90.69	
22/08/2024 02:25	12.77	13.02	185.19	12.58	17.54	1.97	57.78	12.6	21.34	21.76	309.43	29.38	3.3	96.75	
22/08/2024 02:30	13.12	12.08	178.46	12.58	18.55	1.95	53.72	12.61	21.91	20.18	298.02	31.09	3.26	90.03	
22/08/2024 02:35	12.17	12.37	186.43	12.58	18.45	1.84	53.84	12.6	20.33	20.65	311.3	30.92	3.09	90.22	
22/08/2024 02:40	12.6	12.45	183.77	12.58	17.66	1.89	57.68	12.6	21.04	20.79	306.97	29.58	3.16	96.59	
22/08/2024 02:45	13.16	11.93	179.31	12.58	18.33	1.75	53.06	12.6	21.98	19.92	299.4	30.7	2.94	88.86	
22/08/2024 02:50	11.93	12.25	186.4	12.57	18.34	1.8	53.11	12.6	19.91	20.45	311.2	30.73	3.01	88.96	
22/08/2024 02:55	12.72	12.91	186.71	12.59	17.65	2.17	58.56	12.61	21.27	21.59	312.25	29.6	3.64	98.15	
22/08/2024 03:00	13.28	12.44	181.43	12.58	18.39	1.91	54.48	12.61	22.19	20.79	303.17	30.82	3.2	91.32	
22/08/2024 03:05	12.17	12.27	186.88	12.57	18.39	1.95	55.33	12.61	20.3	20.47	311.88	30.82	3.27	92.73	
22/08/2024 03:10	12.83	12.88	187.2	12.58	17.47	2.13	62.41	12.61	21.42	21.51	312.63	29.28	3.57	104.59	
22/08/2024 03:15	13.16	12.5	182.95	12.57	18.13	2.14	55.56	12.61	21.97	20.87	305.39	30.39	3.58	93.15	
22/08/2024 03:20	12.22	12.84	189.86	12.56	17.98	2.19	56.08	12.61	20.38	21.42	316.61	30.15	3.67	94.02	
22/08/2024 03:25	12.68	13.13	189.09	12.57	17.22	2.44	63.78	12.6	21.16	21.9	315.47	28.86	4.09	106.82	
22/08/2024 03:30	13.19	12.62	184.38	12.57	18.11	2.18	56.42	12.61	22	21.05	307.47	30.36	3.65	94.58	
22/08/2024 03:35	12.49	13.03	190.06	12.56	18.22	2.25	56.66	12.61	20.82	21.71	316.78	30.55	3.77	94.99	
22/08/2024 03:40	13.09	13.46	191.43	12.56	17.13	2.46	63.69	12.6	21.83	22.44	319.2	28.7	4.11	106.66	
22/08/2024 03:45	13.18	13.13	185.16	12.56	17.74	2.11	57.93	12.6	21.97	21.89	308.74	29.73	3.54	97.07	
22/08/2024 03:50	12.48	12.95	188.37	12.57	17.69	2.11	57.58	12.6	20.82	21.6	314.29	29.64	3.54	96.48	
22/08/2024 03:55	12.6	13.16	186.89	12.59	17.35	2.32	61.01	12.62	21.07	22	312.43	29.11	3.89	102.33	
22/08/2024 04:00	13.16	12.51	180.59	12.58	18.53	2.2	55.81	12.62	22	20.91	301.84	31.11	3.7	93.72	
22/08/2024 04:05	12.99	12.2	179.03	12.59	18.67	2.34	56.7	12.63	21.75	20.42	299.6	31.36	3.94	95.25	
22/08/2024 04:10	13.53	12.51	179.02	12.6	17.83	2.14	57.21	12.63	22.66	20.94	299.71	29.97	3.59	96.14	
22/08/2024 04:15	13.78	12	174.62	12.6	18.46	2.29	55.67	12.64	23.09	20.1	292.49	31.06	3.85	93.66	
22/08/2024 04:20	13.2	12.36	180.27	12.62	18.36	2.34	56.06	12.64	22.16	20.74	302.53	30.89	3.95	94.33	
22/08/2024 04:25	13.38	12.64	178.66	12.62	17.98	2.17	59.75	12.64	22.46	21.23	300.04	30.27	3.66	100.59	
22/08/2024 04:30	13.87	12.04	173.56	12.62	18.54	2.29	54.07	12.65	23.29	20.22	291.45	31.24	3.86	91.12	
22/08/2024 04:35	13.31	12.13	178.84	12.63	18.34	2.34	54.66	12.65	22.36	20.38	300.49	30.91	3.95	92.09	
22/08/2024 04:40	13.7	12.55	179.58	12.63	18.16	2.61	60.93	12.65	23.04	21.1	301.94	30.58	4.39	102.61	
22/08/2024 04:45	14.1	11.92	174.53	12.63	18.83	2.33	54.28	12.64	23.7	20.03	293.27	31.69	3.93	91.38	
22/08/2024 04:50	13.3	12.13	179.03	12.63	18.8	2.39	54.25	12.64	22.34	20.38	300.74	31.65	4.03	91.33	
22/08/2024 04:55	13.93	12.47	178.08	12.63	18.33	2.36	61.35	12.65	23.42	20.96	299.36	30.89	3.98	103.35	
22/08/2024 05:00	14.15	12.06	171.64	12.63	19.03	2.37	54.26	12.66	23.79	20.27	288.53	32.08	3.99	91.48	
22/08/2024 05:05	13.53	11.97	176.11	12.64	19.08	2.38	54.22	12.66	22.77	20.13	296.33	32.17	4.01	91.42	
22/08/2024 05:10	14.31	12.14	175.7	12.65	18.58	2.51	58.91	12.66	24.09	20.44	295.91	31.34	4.23	99.37	
22/08/2024 05:15	14.44	11.69	170.92	12.64	19.08	2.49	55.43	12.66	24.31	19.68	287.74	32.2	4.21	93.56	
22/08/2024 05:20	13.5	12.03	175.49	12.64	19.13	2.52	55.17	12.66	22.74	20.26	295.46	32.28	4.25	93.11	
22/08/2024 05:25	13.72	12.2	175.58	12.65	18.41	2.48	60.79	12.66	23.12	20.57	295.97	31.06	4.18	102.57	
22/08/2024 05:30	14.12	11.75	167.41	12.65	19.17	2.48	54.75	12.66	23.79	19.8	282.07	32.35	4.18	92.4	
22/08/2024 05:35	13.39	11.88	174.4	12.64	19.2	2.52	54.58	12.66	22.55	20	293.66	32.41	4.25	92.11	
22/08/2024 05:40	14.03	12.4	176.27	12.65	18.09	2.77	60.83	12.66	23.64	20.9	296.99	30.51	4.66	102.6	
22/08/2024 05:45	14.52	11.74	172.37	12.65	19.19	2.53	54.65	12.66	24.45	19.78	290.37	32.38	4.26	92.2	
22/08/2024 05:50	13.54	12.07	176.12	12.65	19.28	2.5	53.89	12.66	22.81	20.34	296.81	32.52	4.22	90.9	
22/08/2024 05:55	13.81	12.35	176.37	12.66	18.32	2.47	59.01	12.66	23.29	20.82	297.44	30.91	4.17	99.56	
22/08/2024 06:00	14.2	11.53	170.63	12.65	18.87	2.39	51.9	12.66	23.94	19.43	287.58	31.85	4.03	87.58	
22/08/2024 06:05	13.63	11.53	172.83	12.65	18.72	2.34	51.22	12.66	22.97	19.43	291.24	31.59	3.96	86.43	
22/08/2024 06:10	14.03	12.15	177.61	12.65	18.11	2.47	56.71	12.66	23.65	20.49	299.36	30.57	4.17	95.71	
22/08/2024 06:15	14.21	11.73	173.07	12.65	18.66	2.45	54	12.67	23.95	19.77	291.68	31.51	4.14	91.19	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
22/08/2024 07:45	13.4	12.08	172.64	12.66	18.4	2.3	53.23	12.67	22.6	20.37	291.15	31.07	3.88	89.87	
22/08/2024 07:50	12.93	11.74	174.79	12.66	18.45	2.31	52.63	12.67	21.81	19.8	294.78	31.15	3.91	88.83	
22/08/2024 07:55	12.96	11.6	174.89	12.66	17.85	2.38	56.76	12.67	21.87	19.58	295.16	30.13	4.02	95.81	
22/08/2024 08:00	13.22	11.45	173.69	12.66	18.67	2.22	53.36	12.66	22.3	19.31	293.01	31.51	3.74	90.06	
22/08/2024 08:05	12.8	12.13	178.88	12.66	18.77	2.31	54	12.66	21.59	20.47	301.77	31.67	3.9	91.14	
22/08/2024 08:10	13.26	12.16	176.73	12.66	17.95	2.3	57.42	12.66	22.39	20.52	298.27	30.29	3.89	96.88	
22/08/2024 08:15	13.54	11.71	172.62	12.66	18.5	2.12	52.48	12.66	22.83	19.75	291.13	31.2	3.57	88.51	
22/08/2024 08:20	12.72	12.08	177.41	12.65	18.41	2.14	52.14	12.66	21.45	20.36	299.08	31.04	3.61	87.93	
22/08/2024 08:25	13.21	12.1	179.5	12.65	17.62	2.26	58.05	12.65	22.25	20.38	302.26	29.68	3.82	97.79	
22/08/2024 08:30	13.37	11.86	176.02	12.64	18.36	2.12	54.11	12.64	22.48	19.95	296.06	30.91	3.56	91.09	
22/08/2024 08:35	12.5	12.28	182.05	12.62	18.14	2.17	54.81	12.64	21	20.63	305.77	30.54	3.66	92.26	
22/08/2024 08:40	12.31	12.52	182.98	12.63	17.46	1.95	55.91	12.63	20.68	21.04	307.47	29.35	3.28	93.96	
22/08/2024 08:45	12.92	11.98	177.25	12.63	18.45	2.08	53.54	12.63	21.7	20.13	297.76	31.01	3.49	89.96	
22/08/2024 08:50	12.65	12.09	179.3	12.63	18.5	2.09	53.14	12.63	21.25	20.31	301.22	31.08	3.52	89.28	
22/08/2024 08:55	12.76	11.96	176.07	12.63	17.83	2.28	58.91	12.62	21.43	20.1	295.8	29.95	3.84	98.94	
22/08/2024 09:00	13.05	11.54	174.36	12.62	18.34	2.02	54.21	12.62	21.91	19.38	292.74	30.78	3.4	90.97	
22/08/2024 09:05	12.58	11.81	177.2	12.62	18.42	2.11	54.3	12.62	21.11	19.81	297.31	30.91	3.54	91.1	
22/08/2024 09:10	13.12	12.09	178.19	12.61	17.47	2.14	58.77	12.61	22	20.29	298.88	29.3	3.58	98.54	
22/08/2024 09:15	13.52	11.74	174.09	12.61	18.53	2.02	53.06	12.61	22.68	19.68	291.92	31.07	3.39	88.99	
22/08/2024 09:20	12.61	11.87	178.02	12.61	18.34	2.06	53.41	12.61	21.16	19.92	298.6	30.76	3.46	89.56	
22/08/2024 09:25	12.86	11.91	175.73	12.61	17.54	1.99	57.71	12.61	21.57	19.98	294.79	29.42	3.33	96.79	
22/08/2024 09:30	13.23	11.21	169.76	12.61	18.26	1.83	53.2	12.61	22.17	18.8	284.56	30.62	3.07	89.19	
22/08/2024 09:35	12.67	11.29	173.04	12.61	18.05	1.67	53.3	12.61	21.23	18.92	290	30.25	2.8	89.32	
22/08/2024 09:40	13.01	11.31	171.22	12.61	17.81	1.98	58.71	12.6	21.82	18.97	287.17	29.84	3.32	98.36	
22/08/2024 09:45	13.57	10.82	167.97	12.61	18.59	1.84	52.06	12.6	22.74	18.13	281.55	31.13	3.08	87.19	
22/08/2024 09:50	12.68	11.84	178.08	12.6	18.73	1.89	52.45	12.6	21.25	19.84	298.39	31.37	3.17	87.84	
22/08/2024 09:55	12.86	12.16	178.58	12.61	17.68	1.88	56.98	12.6	21.56	20.38	299.3	29.6	3.15	95.42	
22/08/2024 10:00	13.36	11.48	172.45	12.6	18.3	1.76	52.92	12.6	22.39	19.24	288.94	30.63	2.95	88.6	
22/08/2024 10:05	12.81	11.18	172.06	12.61	18.17	1.63	52.58	12.59	21.47	18.74	288.35	30.41	2.72	87.99	
22/08/2024 10:10	13.4	11.36	172.49	12.61	17.76	2.11	58.03	12.6	22.48	19.05	289.25	29.73	3.53	97.16	
22/08/2024 10:15	13.65	11.04	168.86	12.61	18.23	1.64	51.94	12.59	22.88	18.51	283	30.49	2.75	86.9	
22/08/2024 10:20	12.72	11.6	175.24	12.61	17.97	1.59	52.7	12.59	21.33	19.45	293.8	30.07	2.67	88.2	
22/08/2024 10:25	13.45	11.84	175.63	12.61	17.81	2.08	57.78	12.6	22.56	19.86	294.63	29.82	3.49	96.76	
22/08/2024 10:30	13.73	11.3	170.48	12.61	18.51	1.57	51.44	12.6	23.02	18.96	285.92	30.99	2.63	86.1	
22/08/2024 10:35	12.68	11.44	173.91	12.62	18.42	1.63	51.88	12.6	21.27	19.19	291.79	30.84	2.72	86.84	
22/08/2024 10:40	13.3	11.98	176.97	12.63	17.91	1.77	55.21	12.6	22.34	20.13	297.36	30	2.96	92.51	
22/08/2024 10:45	13.55	11.46	169.32	12.62	18.69	1.71	51.24	12.6	22.76	19.26	284.38	31.32	2.86	85.86	
22/08/2024 10:50	12.67	11.04	170.01	12.63	18.72	1.8	52.02	12.61	21.28	18.55	285.62	31.37	3.01	87.18	
22/08/2024 10:55	13.22	11.44	171.24	12.62	18.24	1.72	53.64	12.6	22.21	19.21	287.59	30.53	2.88	89.81	
22/08/2024 11:00	13.51	10.77	165.45	12.61	18.76	1.55	51.92	12.58	22.65	18.06	277.43	31.35	2.59	86.78	
22/08/2024 11:05	12.73	10.55	167.95	12.59	18.69	1.64	52.94	12.58	21.28	17.64	280.87	31.23	2.74	88.45	
22/08/2024 11:10	13.17	10.85	168.97	12.59	18.26	1.67	56.34	12.55	22.01	18.14	282.51	30.41	2.78	93.86	
22/08/2024 11:15	13.75	10.48	164.5	12.57	18.99	1.44	51.82	12.54	22.95	17.5	274.52	31.56	2.39	86.11	
22/08/2024 11:20	12.73	10.56	169.44	12.54	19.02	1.64	53.06	12.53	21.16	17.56	281.74	31.6	2.73	88.17	
22/08/2024 11:25	12.95	10.6	169.22	12.53	17.93	1.24	55.63	12.51	21.52	17.61	281.19	29.71	2.07	92.19	
22/08/2024 11:30	13.48	10.21	163.61	12.53	18.77	1.42	51.8	12.51	22.37	16.96	271.61	31.07	2.36	85.78	
22/08/2024 11:35	12.53	10.45	167.72	12.52	18.73	1.39	51.73	12.5	20.79	17.34	278.36	31.01	2.3	85.64	
22/08/2024 11:40	13.24	10.91	168.07	12.54	17.86	1.52	55.56	12.51	22	18.13	279.32	29.61	2.53	92.12	
22/08/2024 11:45	13.43	10.83	164.93	12.54	18.48	1.39	51.25	12.52	22.32	18	274.11	30.65	2.31	85.03	
22/08/2024 11:50	12.48	11.15	172.03	12.55	18.34	1.3	51.3	12.52	20.76	18.56	286.26	30.43	2.15	85.11	
22/08/2024 11:55	12.63	11.58	172.64	12.56	17.77	1.57	55.28	12.53	21.05	19.29	287.7	29.52	2.61	91.82	
22/08/2024 12:00	13.22	11.3	169.51	12.56	18.68	1.52	50.98	12.53	22.02	18.83	282.39	31.05	2.52	84.71	
22/08/2024 12:05	12.53	11.26	173.81	12.56	18.81	1.72	51.28	12.54	20.87	18.75	289.6	31.26	2.86	85.22	
22/08/2024 12:10	12.85	11.41	173.25	12.56	17.52	1.27	55.58	12.54	21.43	19.03	288.89	29.11	2.12	92.39	
22/08/2024 12:15	14.57	11.38	151.9	13.14	19.13	1.42	51.16	12.53	26.73	20.8	271.7	31.78	2.35	85.01	
22/08/2024 12:20	16.58	13.26	135.21	14.27	19.36	1.44	51.47	12.53	34.76	27.8	283.51	32.16	2.39	85.5	
22/08/2024 12:25	16.99	15.38	147.08	14.27	18.26	1.83	55.53	12.63	35.63	32.24	308.39	30.73	3.33	95.06	
22/08/2024 12:30	15.44	13.06	148.2	13.58	18.63	1.31	51.94	12.52	30.1	25.73	284.84	30.89	2.17	86.13	
22/08/2024 12:35	10.84	9.54	156.75	12.53	18.64	1.33	51.52	12.52	18.01	15.85	260.43	30.9	2.2	85.4	
22/08/2024 12:40	10.94	9.51	153.79	12.52	17.86	1.2	55.79	12.49	18.15	15.77	255.16	29.54	1.98	92.29	
22/08/2024 12:45	11.67	9.01	147.53	12.52	18.63	0.98	50.23	12.48	19.35	14.94	244.62	30.76	1.61	82.97	
22/08/2024 12:50	10.52	8.69	148.81	12.51	18.98	1.06	49.2	12.48	17.44	14.4	246.63	31.35	1.76	81.25	
22/08/2024 12:55	11.01	9.21	151.08	12.52	17.98	1.36	54.97	12.5	18.28	15.29	250.74	29.74	2.25	90.95	
22/08/2024 13:00	11.53	9.02	147.61	12.53	18.6	1.2	51.74	12.5	19.13	14.97	245.04	30.79	1.99	85.64	
22/08/2024 13:05	10.52	9.02	150.08	12.53	18.45	0.84	50.73	12.5	17.47	14.98	249.32	30.53	1.4	83.94	
22/08/2024 13:10	10.79	9.29	149.91	12.54	17.79	1.22	54.96	12.5	17.92	15.44	249.13	29.45	2.02	90.99	
22/08/2024 13:15	11.44	9.02	144.34	12.53	18.48	1.01	51.86	12.5	18.99	14.99	239.75	30.57	1.68	85.77	
22/08/2024 13:20	10.6	8.91	149.92	12.53	18.67	1	51.94	12.49	17.61	14.8	248.97	30.87	1.65	85.88	
22/08/2024 13:25	10.71	8.99	147.63	12.54	17.77	1.25	54.55	12.5	17.79	14.94	245.34	29.4	2.06	90.28	
22/08/2024 13:30	11.46	9.01	146.01	12.53	18.17	0.98	50.65	12.49	19.03	14.96	242.41	30.04	1.63	83.72	
22/08/2024 13:35	10.5	9.5	153.2	12.52	17.92	1.03	51.2	12.49	17.42	15.75	254.07	29.62	1.71	84.62	
22/08/2024 13:40	10.81	9.8	153.75	12.52	17.6	1.25	54.76	12.48							



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
22/08/2024 15:10	10.68	9.98	159.28	12.49	17.99	1.5	57.35	12.45	17.66	16.5	263.36	29.58	2.48	94.38	
22/08/2024 15:15	11.64	9.52	153.78	12.49	18.87	0.93	51.48	12.44	19.23	15.73	254.15	31	1.52	84.59	
22/08/2024 15:20	11.4	8.7	151.8	12.47	19.23	0.97	51.13	12.44	18.79	14.34	250.25	31.6	1.59	84.01	
22/08/2024 15:25	12.77	7.62	144.51	12.44	17.99	1.18	55.92	12.44	20.99	12.52	237.53	29.55	1.94	91.87	
22/08/2024 15:30	13.96	7.18	138.14	12.45	18.23	0.9	53.9	12.44	22.96	11.81	227.21	29.93	1.47	88.51	
22/08/2024 15:35	15.42	5.65	126.25	12.48	18.41	1.02	54.36	12.44	25.46	9.33	208.41	30.23	1.67	89.29	
22/08/2024 15:40	16.07	5.63	125.22	12.48	18.15	1.39	57.95	12.45	26.53	9.3	206.78	29.84	2.29	95.31	
22/08/2024 15:45	16.45	5.48	122.64	12.47	18.04	0.92	55.26	12.43	27.13	9.04	202.36	29.62	1.51	90.73	
22/08/2024 15:50	16.26	5.26	125.31	12.47	18.08	0.97	55.61	12.43	26.81	8.67	206.6	29.68	1.59	91.29	
22/08/2024 15:55	16.27	5.71	127.07	12.48	17.84	1.41	62.57	12.44	26.84	9.43	209.65	29.33	2.31	102.85	
22/08/2024 16:00	16.77	5.81	125.91	12.47	18	1.37	58.06	12.44	27.67	9.59	207.7	29.58	2.25	95.42	
22/08/2024 16:05	16.61	5.43	125.57	12.48	18.03	1.42	57.56	12.44	27.41	8.95	207.2	29.63	2.34	94.6	
22/08/2024 16:10	16.48	5.31	124.73	12.48	17.66	1.14	58.7	12.44	27.19	8.76	205.83	29.03	1.88	96.51	
22/08/2024 16:15	16.84	5.38	122.97	12.48	17.82	1.22	57.69	12.45	27.79	8.87	202.91	29.3	2	94.86	
22/08/2024 16:20	16.34	5.54	125.89	12.49	17.95	1.27	58.39	12.45	27.02	9.16	208.11	29.52	2.08	96.02	
22/08/2024 16:25	16.34	5.9	126.33	12.5	17.34	1.38	60.32	12.47	27.05	9.77	209.16	28.59	2.28	99.47	
22/08/2024 16:30	16.57	5.69	122.26	12.49	17.5	1.39	58.15	12.46	27.4	9.42	202.14	28.81	2.28	95.74	
22/08/2024 16:35	16.31	5.73	125.17	12.49	17.58	1.45	57.94	12.45	26.95	9.46	206.82	28.93	2.39	95.34	
22/08/2024 16:40	16.58	5.86	124.7	12.5	17.33	1.37	61.64	12.47	27.42	9.7	206.28	28.58	2.26	101.64	
22/08/2024 16:45	16.95	5.86	123.22	12.5	17.68	1.57	58.4	12.48	28.07	9.7	203.99	29.2	2.6	96.44	
22/08/2024 16:50	16.23	5.56	127.04	12.53	17.3	1.64	58.45	12.48	26.94	9.22	210.86	28.57	2.71	96.55	
22/08/2024 16:55	16.84	5.83	126.64	12.53	17.53	1.53	61.43	12.51	27.97	9.69	210.39	29.03	2.53	101.74	
22/08/2024 17:00	17.04	5.48	123.15	12.52	17.73	1.22	58.67	12.5	28.27	9.09	204.29	29.36	2.02	97.13	
22/08/2024 17:05	16.39	4.5	122.21	12.49	17.67	1.25	58.94	12.5	27.11	7.45	202.09	29.26	2.07	97.58	
22/08/2024 17:10	16.54	4.95	123.31	12.5	17.39	1.31	60.2	12.5	27.36	8.18	203.98	28.78	2.17	99.58	
22/08/2024 17:15	16.91	4.98	120.38	12.5	17.63	1.37	57.6	12.5	27.96	8.23	199.08	29.17	2.27	95.27	
22/08/2024 17:20	16.88	5.29	124.08	12.5	17.42	1.3	57.7	12.5	27.93	8.76	205.32	28.81	2.15	95.43	
22/08/2024 17:25	17.27	5.63	123.6	12.51	17.17	1.31	60.13	12.51	28.62	9.33	204.8	28.45	2.17	99.61	
22/08/2024 17:30	17.49	5.86	123.09	12.52	18	1.5	55.36	12.5	29	9.72	204.16	29.79	2.48	91.64	
22/08/2024 17:35	16.81	6.13	130.73	12.54	18.22	1.5	52.66	12.49	27.96	10.2	217.39	30.1	2.48	87	
22/08/2024 17:40	17.38	6.71	131.2	12.55	17.72	1.37	54.31	12.49	28.91	11.17	218.28	29.28	2.27	89.79	
22/08/2024 17:45	17.39	6.52	128.88	12.54	17.85	1.18	51.55	12.49	28.92	10.85	214.37	29.49	1.95	85.16	
22/08/2024 17:50	16.97	6.5	131.38	12.55	17.64	1.03	51.7	12.49	28.25	10.83	218.76	29.14	1.7	85.41	
22/08/2024 17:55	17.33	6.89	132.11	12.56	17.99	1.54	54.92	12.5	28.89	11.48	220.24	29.79	2.56	90.97	
22/08/2024 18:00	17.46	6.61	128.93	12.56	17.83	1.12	51.66	12.5	29.08	11.01	214.84	29.5	1.85	85.47	
22/08/2024 18:05	16.93	6.25	131.02	12.55	18.19	1.38	51.48	12.5	28.19	10.4	218.18	30.09	2.28	85.18	
22/08/2024 18:10	17.36	6.63	131.4	12.56	17.77	1.68	59.13	12.52	28.94	11.06	219.02	29.48	2.79	98.11	
22/08/2024 18:15	17.47	6.47	128.83	12.55	17.94	1.55	57.51	12.52	29.1	10.78	214.58	29.76	2.57	95.4	
22/08/2024 18:20	17.07	6.32	130.91	12.55	18.22	1.67	57.73	12.52	28.42	10.52	217.91	30.23	2.78	95.79	
22/08/2024 18:25	17.57	6.68	131.91	12.56	17.29	1.33	59.39	12.52	29.28	11.13	219.76	28.68	2.21	98.54	
22/08/2024 18:30	17.6	6.52	129.83	12.55	17.77	1.65	57.91	12.52	29.3	10.86	216.18	29.49	2.74	96.09	
22/08/2024 18:35	17.2	6.57	131.73	12.55	17.83	1.64	57.42	12.52	28.64	10.95	219.35	29.58	2.72	95.27	
22/08/2024 18:40	17.28	6.96	133.23	12.56	17.69	1.71	60.58	12.53	28.81	11.61	222.11	29.39	2.85	100.65	
22/08/2024 18:45	17.34	6.61	129.81	12.56	17.5	1.19	56.95	12.52	28.89	11.02	216.27	29.03	1.97	94.5	
22/08/2024 18:50	17.27	6.52	131.69	12.56	17.34	1.06	56.55	12.52	28.78	10.86	219.38	28.77	1.76	93.82	
22/08/2024 18:55	17.39	6.79	131.69	12.56	17.33	1.53	59.31	12.53	28.99	11.32	219.5	28.79	2.54	98.54	
22/08/2024 19:00	17.55	6.53	128.46	12.56	17.88	1.54	55.59	12.54	29.24	10.88	214.11	29.71	2.56	92.38	
22/08/2024 19:05	17.37	6.29	129.56	12.57	17.94	1.53	54.97	12.53	28.97	10.49	216.13	29.8	2.55	91.33	
22/08/2024 19:10	17.59	6.62	129.59	12.58	17.56	1.67	58.43	12.55	29.38	11.06	216.41	29.21	2.77	97.23	
22/08/2024 19:15	17.75	6.4	125.7	12.57	18.13	1.75	55.52	12.55	29.64	10.68	209.9	30.18	2.92	92.41	
22/08/2024 19:20	17.26	6.37	131.17	12.58	18.39	1.92	55.03	12.55	28.83	10.64	219.12	30.61	3.2	91.59	
22/08/2024 19:25	17.52	6.64	131.75	12.58	17.68	1.51	58.68	12.55	29.28	11.1	220.18	29.42	2.52	97.66	
22/08/2024 19:30	17.59	6.4	129.14	12.58	17.96	1.63	56.45	12.54	29.37	10.68	215.67	29.88	2.72	93.9	
22/08/2024 19:35	17.13	6.53	132.2	12.58	18.05	1.63	56.73	12.54	28.61	10.9	220.79	30.02	2.7	94.37	
22/08/2024 19:40	17.54	7.04	133.73	12.59	17.64	1.94	62.23	12.55	29.32	11.77	223.59	29.38	3.24	103.66	
22/08/2024 19:45	17.75	6.81	130.37	12.58	18.36	2.07	57.03	12.55	29.66	11.39	217.87	30.57	3.44	94.97	
22/08/2024 19:50	17.18	6.4	131.96	12.58	18.83	2.44	56.67	12.55	28.71	10.7	220.5	31.36	4.06	94.39	
22/08/2024 19:55	17.65	6.69	132.47	12.58	17.85	1.8	59.62	12.55	29.5	11.18	221.43	29.72	3	99.3	
22/08/2024 20:00	17.61	6.51	127.92	12.58	17.76	1.65	57.63	12.55	29.43	10.88	213.72	29.56	2.74	95.92	
22/08/2024 20:05	17.13	6.55	132.55	12.58	17.39	1.3	57.72	12.55	28.62	10.95	221.44	28.93	2.16	96.03	
22/08/2024 20:10	17.68	6.84	132.23	12.58	17.61	1.6	59.52	12.55	29.56	11.44	221.04	29.32	2.67	99.13	
22/08/2024 20:15	17.71	6.55	129.25	12.58	18.01	1.58	56.23	12.55	29.58	10.95	215.96	29.98	2.63	93.61	
22/08/2024 20:20	17.29	6.58	133.08	12.58	18.11	1.66	56.63	12.55	28.88	10.99	222.33	30.15	2.76	94.26	
22/08/2024 20:25	17.58	6.85	132.77	12.59	17.62	1.84	61.37	12.55	29.4	11.45	222	29.34	3.07	102.22	
22/08/2024 20:30	17.57	6.71	130.45	12.58	17.67	1.73	59.42	12.55	29.36	11.21	218.01	29.41	2.88	98.93	
22/08/2024 20:35	17.21	6.81	133.87	12.58	17.67	1.8	59.02	12.55	28.77	11.38	223.77	29.42	2.99	98.24	
22/08/2024 20:40	17.37	7.06	133.74	12.59	17.56	1.65	62.36	12.56	29.05	11.81	223.67	29.26	2.75	103.94	
22/08/2024 20:45	17.4	6.72	130.08	12.58	17.87	1.65	58.33	12.55	29.08	11.23	217.43	29.77	2.76	97.16	
22/08/2024 20:50	17.13	6.65	133.21	12.58	17.66	1.36	57.92	12.55	28.64	11.12	222.67	29.4	2.26	96.46	
22/08/2024 20:55	17.75	7.02	133.58	12.59	17.72	1.85	61.67	12.56	29.7	11.75	223.53	29.52	3.09	102.77	
22/08/2024 21:00	17.59	6.67	130.62	12.59	17.75	1.8	59.08	12.56	29.42	11.16	218.47	29.57	3	98.44	
22/08/2024 21:05	17.14	6.58	132.85	12.59	17.53	1.61	58.78	12.56	28.68	11.02	222.3	29.21	2.68	97.92	
22/08/2024 21:10	17.3	6.75	133.38	12.6	17.66	1.73	6								



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
22/08/2024 22:35	17.24	6.43	133.02	12.59	18.22	1.89	58.03	12.57	28.84	10.77	222.59	30.4	3.16	96.82	
22/08/2024 22:40	17.67	6.65	132.68	12.6	17.52	1.64	61.87	12.56	29.58	11.13	222.11	29.22	2.73	103.17	
22/08/2024 22:45	17.83	6.5	129.89	12.59	18.17	1.84	57.81	12.56	29.83	10.87	217.32	30.28	3.08	96.38	
22/08/2024 22:50	17.27	6.5	133.51	12.59	18.5	1.99	57.84	12.56	28.88	10.86	223.3	30.84	3.31	96.44	
22/08/2024 22:55	17.28	6.7	133.45	12.59	17.65	1.7	61.3	12.56	28.91	11.21	223.32	29.42	2.83	102.17	
22/08/2024 23:00	17.42	6.43	130.01	12.59	17.92	1.65	57.41	12.55	29.13	10.76	217.42	29.84	2.75	95.61	
22/08/2024 23:05	17.2	6.54	132.72	12.58	18.05	1.59	56.67	12.55	28.75	10.93	221.81	30.05	2.65	94.36	
22/08/2024 23:10	17.78	6.81	132.81	12.59	17.78	1.83	60	12.56	29.73	11.39	222.08	29.62	3.04	99.98	
22/08/2024 23:15	17.83	6.62	128.86	12.58	18.18	1.96	57.82	12.56	29.81	11.07	215.41	30.29	3.27	96.34	
22/08/2024 23:20	17.16	6.47	133.29	12.59	18.3	2	57.83	12.56	28.7	10.82	222.88	30.49	3.33	96.35	
22/08/2024 23:25	17.25	6.86	133.25	12.6	17.61	1.68	59.07	12.56	28.88	11.48	223.06	29.35	2.8	98.46	
22/08/2024 23:30	17.48	6.55	129.69	12.59	17.97	1.77	57.5	12.56	29.24	10.96	216.95	29.95	2.95	95.85	
22/08/2024 23:35	17.22	6.38	131.17	12.59	18.06	1.88	57.98	12.56	28.8	10.68	219.42	30.11	3.13	96.67	
22/08/2024 23:40	17.62	6.81	132.04	12.6	17.54	1.6	59.65	12.56	29.5	11.4	221.05	29.25	2.66	99.48	
22/08/2024 23:45	17.63	6.58	128.79	12.59	17.97	1.86	57.57	12.56	29.49	11	215.45	29.96	3.1	95.96	
22/08/2024 23:50	17.2	6.78	134.48	12.59	18	1.97	57.44	12.56	28.79	11.35	225.05	30	3.28	95.74	
22/08/2024 23:55	17.35	7.08	135.62	12.6	17.62	1.62	59.47	12.56	29.07	11.87	227.21	29.38	2.7	99.18	
23/08/2024 00:00	17.44	6.78	130.62	12.6	18.05	1.65	56.67	12.57	29.19	11.35	218.68	30.11	2.75	94.52	
23/08/2024 00:05	17.2	6.53	132.99	12.6	17.84	1.36	55.89	12.56	28.8	10.93	222.67	29.75	2.27	93.18	
23/08/2024 00:10	17.64	6.73	132.92	12.6	17.58	1.55	59.45	12.56	29.53	11.26	222.52	29.32	2.59	99.15	
23/08/2024 00:15	17.63	6.57	130.64	12.59	18.13	1.84	57.25	12.56	29.5	11	218.65	30.23	3.06	95.46	
23/08/2024 00:20	17.02	6.6	134.67	12.6	18.17	1.86	57.06	12.57	28.49	11.05	225.49	30.31	3.1	95.17	
23/08/2024 00:25	17.4	6.99	134.73	12.6	17.55	1.71	60.51	12.57	29.16	11.71	225.72	29.28	2.86	100.95	
23/08/2024 00:30	17.54	6.74	131.54	12.6	18.1	1.84	57.41	12.57	29.37	11.28	220.24	30.19	3.08	95.74	
23/08/2024 00:35	17.13	6.58	133.53	12.6	18.44	2.09	56.84	12.57	28.68	11.02	223.51	30.75	3.49	94.8	
23/08/2024 00:40	17.38	6.86	133.81	12.6	17.9	1.78	61.5	12.57	29.12	11.5	224.19	29.86	2.98	102.63	
23/08/2024 00:45	17.45	6.51	130.27	12.6	17.98	1.66	56.95	12.56	29.21	10.9	218.1	29.98	2.78	94.95	
23/08/2024 00:50	17.09	6.29	130.45	12.6	17.77	1.36	56.58	12.56	28.61	10.53	218.44	29.6	2.27	94.27	
23/08/2024 00:55	17.51	6.51	130.51	12.61	17.75	1.61	60.27	12.57	29.35	10.91	218.81	29.64	2.69	100.64	
23/08/2024 01:00	17.58	6.25	127.17	12.6	18.08	1.7	55.87	12.57	29.45	10.47	213.08	30.18	2.84	93.25	
23/08/2024 01:05	17.25	6.5	131.39	12.61	17.91	1.58	55.05	12.57	28.9	10.89	220.19	29.88	2.63	91.84	
23/08/2024 01:10	17.66	6.76	131.95	12.62	17.77	1.61	59.48	12.58	29.64	11.34	221.4	29.68	2.69	99.38	
23/08/2024 01:15	17.73	6.42	127.93	12.61	17.87	1.7	56.38	12.58	29.72	10.77	214.52	29.85	2.84	94.16	
23/08/2024 01:20	17.35	6.35	129.83	12.61	17.75	1.59	56.59	12.58	29.1	10.64	217.7	29.64	2.66	94.49	
23/08/2024 01:25	17.39	6.7	131.03	12.62	17.58	1.69	58.41	12.58	29.17	11.25	219.85	29.37	2.82	97.6	
23/08/2024 01:30	17.49	6.35	128.14	12.61	18.17	1.9	55.9	12.58	29.33	10.64	214.86	30.36	3.17	93.39	
23/08/2024 01:35	17.29	6.49	132.36	12.61	18.08	1.78	55.17	12.58	28.99	10.88	221.97	30.19	2.98	92.14	
23/08/2024 01:40	17.36	6.77	132.01	12.62	17.57	1.65	58.64	12.58	29.13	11.35	221.49	29.35	2.75	98.01	
23/08/2024 01:45	17.48	6.56	128.47	12.61	18.06	1.72	55.34	12.58	29.31	11	215.47	30.18	2.88	92.48	
23/08/2024 01:50	17.25	6.58	133.37	12.62	18.11	1.75	54.81	12.58	28.95	11.05	223.78	30.25	2.93	91.57	
23/08/2024 01:55	17.78	6.83	133.13	12.62	17.77	1.76	58.88	12.59	29.86	11.47	223.55	29.71	2.94	98.48	
23/08/2024 02:00	17.79	6.5	129.37	12.62	18.45	1.88	55	12.59	29.86	10.91	217.09	30.86	3.14	91.97	
23/08/2024 02:05	17.24	6.62	133.52	12.62	18.45	1.84	54.75	12.59	28.94	11.11	224.08	30.85	3.08	91.53	
23/08/2024 02:10	17.41	6.87	134.03	12.62	17.91	1.7	59.38	12.59	29.24	11.53	225.1	29.96	2.85	99.32	
23/08/2024 02:15	17.55	6.71	129.78	12.62	18.47	1.94	56.39	12.59	29.46	11.27	217.84	30.89	3.24	94.29	
23/08/2024 02:20	17.29	6.66	134.19	12.62	18.75	2.02	55.72	12.59	29.03	11.18	225.28	31.35	3.37	93.15	
23/08/2024 02:25	17.59	6.91	134.47	12.63	17.93	1.59	57.86	12.59	29.55	11.61	225.96	29.98	2.66	96.78	
23/08/2024 02:30	17.71	6.55	129.57	12.62	18.27	1.84	55.93	12.59	29.74	10.99	217.54	30.55	3.07	93.52	
23/08/2024 02:35	17.33	6.61	134.54	12.62	18.11	1.84	55.95	12.59	29.09	11.1	225.88	30.28	3.08	93.55	
23/08/2024 02:40	18	6.95	135.26	12.63	18.08	1.84	60.32	12.59	30.26	11.68	227.37	30.26	3.08	100.98	
23/08/2024 02:45	18.08	6.72	132.25	12.62	18.47	1.76	56.26	12.59	30.37	11.29	222.16	30.88	2.94	94.09	
23/08/2024 02:50	17.34	6.62	134.42	12.62	18.63	1.95	56.2	12.59	29.12	11.12	225.71	31.15	3.27	94	
23/08/2024 02:55	17.44	6.94	134.21	12.63	18.04	1.92	60.47	12.59	29.3	11.66	225.48	30.19	3.22	101.21	
23/08/2024 03:00	17.58	6.61	131.63	12.62	18.47	1.85	56.52	12.59	29.52	11.1	221.03	30.91	3.1	94.57	
23/08/2024 03:05	17.49	6.65	134.65	12.62	18.55	1.81	56.69	12.59	29.38	11.17	226.17	31.03	3.03	94.83	
23/08/2024 03:10	17.66	6.97	135.71	12.63	18.01	1.74	60.48	12.59	29.68	11.72	228.12	30.14	2.92	101.24	
23/08/2024 03:15	17.76	6.73	132.43	12.62	18.42	1.95	56.58	12.59	29.83	11.31	222.44	30.82	3.26	94.66	
23/08/2024 03:20	17.38	6.66	134.74	12.62	18.3	2.03	56.5	12.59	29.18	11.17	226.19	30.61	3.4	94.51	
23/08/2024 03:25	17.41	6.91	134.8	12.63	17.93	1.81	59.09	12.59	29.25	11.61	226.48	30.01	3.03	98.88	
23/08/2024 03:30	17.55	6.75	132.2	12.62	18.31	1.97	57.39	12.59	29.47	11.33	222.04	30.64	3.3	96.03	
23/08/2024 03:35	17.25	6.79	135.13	12.63	18.28	2.03	58.17	12.59	28.98	11.41	226.99	30.59	3.4	97.35	
23/08/2024 03:40	17.63	6.97	134.27	12.63	17.74	1.8	59.02	12.59	29.63	11.72	225.67	29.69	3.02	98.78	
23/08/2024 03:45	17.71	6.65	131.36	12.62	18.14	1.9	57.14	12.59	29.74	11.16	220.65	30.35	3.18	95.62	
23/08/2024 03:50	17.39	6.76	134.95	12.63	18.28	1.95	57.66	12.6	29.22	11.37	226.75	30.6	3.27	96.5	
23/08/2024 03:55	17.65	7.07	135.2	12.63	17.85	1.84	60.15	12.6	29.67	11.88	227.31	29.89	3.08	100.75	
23/08/2024 04:00	17.74	6.75	132.55	12.63	18.38	2.09	57.89	12.6	29.81	11.34	222.73	30.78	3.49	96.94	
23/08/2024 04:05	17.17	6.7	135.53	12.63	18.44	2.11	57.94	12.6	28.87	11.26	227.79	30.87	3.53	97.01	
23/08/2024 04:10	17.63	7.02	135.96	12.63	17.92	1.87	59.67	12.6	29.65	11.81	228.65	30.02	3.14	99.96	
23/08/2024 04:15	17.69	6.81	133.14	12.63	18.28	1.97	57.33	12.6	29.73	11.45	223.79	30.63	3.3	96.03	
23/08/2024 04:20	17.44	6.82	135.35	12.63	18.39	2.06	57.52	12.6	29.33	11.47	227.56	30.81	3.46	96.36	
23/08/2024 04:25	17.62	7.09	135.77	12.64	17.74	1.81	60.18	12.6	29.66	11.93	228.58	29.73	3.03	100.84	
23/08/2024 04:30	17.67	6.67	130.38	12.64	18.13	1.97	57.86	12.6	29.72	11.21	219.31	30.36	3.29	96.91	
23/08/2024 04:35	17.35	6.85	135.9	12.63											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
23/08/2024 06:00	17.79	6.76	129.39	12.63	18.44	2.07	57.59	12.6	29.89	11.37	217.48	30.89	3.47	96.45	
23/08/2024 06:05	17.44	6.76	134.53	12.63	18.5	2.06	57.2	12.6	29.31	11.35	226.11	30.98	3.46	95.8	
23/08/2024 06:10	17.84	7.08	135.39	12.64	17.95	1.74	60.21	12.6	30.01	11.91	227.75	30.06	2.92	100.87	
23/08/2024 06:15	17.97	6.81	132.05	12.63	18.56	2.02	57.38	12.6	30.2	11.45	221.96	31.08	3.38	96.08	
23/08/2024 06:20	17.51	6.7	134.67	12.63	18.64	2.05	57.22	12.6	29.42	11.25	226.28	31.22	3.43	95.82	
23/08/2024 06:25	17.74	6.98	134.88	12.63	18.1	2	60.96	12.6	29.82	11.74	226.78	30.31	3.35	102.1	
23/08/2024 06:30	17.8	6.69	131.4	12.63	18.35	2.01	57.73	12.6	29.9	11.25	220.79	30.72	3.37	96.65	
23/08/2024 06:35	17.39	6.72	134.42	12.63	18.36	2.02	57.92	12.6	29.22	11.29	225.86	30.73	3.38	96.97	
23/08/2024 06:40	17.87	6.96	134.08	12.64	17.78	1.88	60.16	12.6	30.06	11.71	225.54	29.79	3.15	100.78	
23/08/2024 06:45	17.88	6.77	131.57	12.63	18.34	2.17	58.75	12.6	30.07	11.39	221.23	30.72	3.64	98.44	
23/08/2024 06:50	17.38	6.76	134.03	12.63	18.58	2.28	59.25	12.6	29.23	11.37	225.36	31.13	3.82	99.28	
23/08/2024 06:55	17.59	6.99	134.11	12.64	17.91	2.18	61.39	12.61	29.61	11.76	225.74	30.03	3.65	102.93	
23/08/2024 07:00	17.67	6.69	130.83	12.64	18.06	2.12	59.71	12.61	29.73	11.26	220.07	30.27	3.55	100.06	
23/08/2024 07:05	17.33	6.56	132.28	12.63	18.11	2.2	59.94	12.6	29.13	11.03	222.42	30.34	3.69	100.43	
23/08/2024 07:10	17.51	6.9	132.83	12.63	17.64	2.07	64.09	12.61	29.45	11.61	223.38	29.56	3.46	107.43	
23/08/2024 07:15	17.6	6.76	130.87	12.63	18.12	2.26	60.93	12.6	29.59	11.36	220.02	30.37	3.79	102.08	
23/08/2024 07:20	17.46	6.61	132.39	12.63	18.25	2.34	61.03	12.6	29.35	11.11	222.55	30.57	3.93	102.25	
23/08/2024 07:25	17.67	6.71	130.13	12.64	17.81	2.07	61.51	12.61	29.73	11.28	218.89	29.85	3.47	103.12	
23/08/2024 07:30	17.82	6.45	127.28	12.63	18.39	2.16	58.68	12.6	29.94	10.84	213.94	30.81	3.62	98.31	
23/08/2024 07:35	17.27	6.46	131.54	12.63	18.53	2.19	58.67	12.6	29.02	10.85	221.04	31.05	3.67	98.29	
23/08/2024 07:40	17.49	6.58	130.3	12.63	17.74	2.01	62.32	12.61	29.41	11.06	219.04	29.72	3.37	104.45	
23/08/2024 07:45	17.6	6.49	129.08	12.63	18.11	2.22	61.04	12.6	29.57	10.9	216.95	30.35	3.72	102.29	
23/08/2024 07:50	17.31	6.61	132.95	12.63	18.3	2.28	61.77	12.6	29.09	11.11	223.48	30.66	3.82	103.5	
23/08/2024 07:55	17.88	6.83	132.44	12.63	17.76	1.83	60.27	12.6	30.07	11.49	222.72	29.76	3.07	100.97	
23/08/2024 08:00	17.92	6.43	128.21	12.63	18.33	1.94	57.56	12.6	30.11	10.81	215.44	30.69	3.24	96.39	
23/08/2024 08:05	17.5	6.24	129.27	12.63	18.34	1.83	57.41	12.6	29.39	10.49	217.14	30.72	3.06	96.14	
23/08/2024 08:10	17.79	6.71	131.44	12.63	17.71	1.78	59.66	12.6	29.89	11.29	220.91	29.66	2.98	99.89	
23/08/2024 08:15	17.86	6.42	128.03	12.62	18.16	1.9	56.28	12.6	30	10.78	215.06	30.39	3.18	94.2	
23/08/2024 08:20	17.42	6.2	130.01	12.62	18.11	1.84	54.97	12.59	29.24	10.42	218.3	30.3	3.09	91.99	
23/08/2024 08:25	17.53	6.44	130.47	12.62	17.93	1.68	57.85	12.59	29.45	10.83	219.15	29.99	2.81	96.81	
23/08/2024 08:30	17.67	6.3	128.2	12.62	18.41	1.91	57.52	12.59	29.67	10.58	215.22	30.79	3.19	96.23	
23/08/2024 08:35	17.38	6.35	130.61	12.62	18.45	1.99	58.02	12.59	29.18	10.67	219.29	30.86	3.32	97.03	
23/08/2024 08:40	17.47	6.61	131	12.63	17.75	1.73	59.61	12.6	29.35	11.11	220.12	29.71	2.9	99.79	
23/08/2024 08:45	17.74	6.26	126.84	12.62	18.28	1.8	57.15	12.59	29.78	10.52	212.96	30.59	3.01	95.61	
23/08/2024 08:50	17.45	6.18	129.23	12.62	18.41	1.78	57.94	12.59	29.29	10.37	216.87	30.78	2.98	96.9	
23/08/2024 08:55	17.99	6.52	130.24	12.62	17.91	1.73	59.91	12.59	30.22	10.96	218.75	29.97	2.89	100.25	
23/08/2024 09:00	17.98	6.35	128.11	12.62	18.5	1.84	55.37	12.59	30.18	10.66	215.03	30.93	3.08	92.59	
23/08/2024 09:05	17.93	6.04	128.28	12.61	18.5	1.89	55.22	12.58	30.05	10.12	215	30.92	3.16	92.3	
23/08/2024 09:10	18.15	6.5	131.17	12.61	18.54	1.61	56.09	12.58	30.45	10.9	220.03	30.98	2.7	93.72	
23/08/2024 09:15	18.16	6.33	129.93	12.61	18.75	1.67	55.02	12.58	30.46	10.62	217.88	31.32	2.79	91.92	
23/08/2024 09:20	17.72	6.03	128.42	12.61	18.61	1.61	55.28	12.58	29.71	10.1	215.29	31.08	2.69	92.34	
23/08/2024 09:25	18.34	6.03	125.35	12.61	18.52	1.51	55.59	12.58	30.73	10.1	210.12	30.94	2.52	92.9	
23/08/2024 09:30	18.31	5.91	123.36	12.6	19	1.6	52.65	12.58	30.68	9.91	206.7	31.74	2.68	87.95	
23/08/2024 09:35	17.63	6.05	128.26	12.61	19.03	1.7	52.83	12.58	29.54	10.14	215	31.8	2.85	88.27	
23/08/2024 09:40	18.12	6.44	129.73	12.61	18.34	1.36	55.71	12.58	30.39	10.8	217.59	30.64	2.27	93.08	
23/08/2024 09:45	18.15	6.17	127.34	12.61	18.91	1.51	52.49	12.58	30.43	10.35	213.49	31.6	2.51	87.69	
23/08/2024 09:50	17.71	6.02	127.77	12.61	19.22	1.64	52.22	12.58	29.69	10.1	214.19	32.11	2.74	87.24	
23/08/2024 09:55	18.42	5.84	122.34	12.61	18.39	1.28	55.28	12.58	30.89	9.78	205.12	30.73	2.14	92.38	
23/08/2024 10:00	18.27	5.81	122.71	12.61	18.72	1.44	53.23	12.58	30.62	9.74	205.72	31.28	2.41	88.96	
23/08/2024 10:05	17.68	6	127.32	12.61	18.53	1.41	53.56	12.58	29.65	10.06	213.5	30.97	2.35	89.52	
23/08/2024 10:10	18.14	6.01	123.22	12.61	18.4	1.41	54.95	12.58	30.41	10.07	206.58	30.75	2.37	91.86	
23/08/2024 10:15	18.07	5.91	123.13	12.61	18.74	1.39	53.13	12.58	30.29	9.91	206.41	31.33	2.33	88.8	
23/08/2024 10:20	17.58	5.96	127.22	12.61	18.58	1.31	53.47	12.58	29.49	10.01	213.39	31.05	2.2	89.38	
23/08/2024 10:25	18.05	6.08	124.16	12.61	18.4	1.62	57.25	12.59	30.29	10.21	208.28	30.78	2.71	95.76	
23/08/2024 10:30	18.07	5.85	122.32	12.61	18.81	1.52	53.04	12.58	30.3	9.81	205.09	31.44	2.55	88.64	
23/08/2024 10:35	17.8	5.78	125	12.61	18.66	1.55	53.45	12.58	29.85	9.69	209.53	31.17	2.59	89.32	
23/08/2024 10:40	18.21	5.84	122.64	12.61	18.2	1.3	55.92	12.58	30.54	9.8	205.67	30.42	2.17	93.47	
23/08/2024 10:45	18.31	5.66	120.18	12.61	19.09	1.7	53.01	12.59	30.69	9.49	201.45	31.91	2.84	88.63	
23/08/2024 10:50	17.91	5.6	122.61	12.61	19.38	1.84	52.86	12.59	30.03	9.39	205.61	32.4	3.09	88.41	
23/08/2024 10:55	18.28	5.83	122.77	12.62	18.72	1.54	55.1	12.59	30.66	9.79	205.99	31.32	2.58	92.18	
23/08/2024 11:00	18.28	5.63	120.86	12.61	19.17	1.59	52.96	12.59	30.66	9.44	202.66	32.06	2.65	88.55	
23/08/2024 11:05	17.86	5.35	123.05	12.6	19.39	1.55	52.83	12.59	29.9	8.95	206	32.42	2.59	88.32	
23/08/2024 11:10	18.05	5.71	124.87	12.6	18.73	1.41	55.9	12.57	30.22	9.56	209.05	31.25	2.36	93.28	
23/08/2024 11:15	18.27	5.49	121.69	12.58	18.75	1.1	52.61	12.55	30.53	9.17	203.4	31.23	1.83	87.6	
23/08/2024 11:20	18.02	5.08	121.18	12.57	19	1.2	52.31	12.55	30.06	8.47	202.1	31.63	2	87.08	
23/08/2024 11:25	17.91	5.35	121.16	12.56	18.41	0.83	55.6	12.53	29.87	8.93	202.03	30.59	1.38	92.4	
23/08/2024 11:30	18.06	5.24	119.45	12.55	18.64	0.9	53.43	12.52	30.07	8.73	198.96	30.92	1.5	88.66	
23/08/2024 11:35	18.02	5	122.29	12.54	18.47	0.73	53.84	12.52	29.95	8.3	203.23	30.64	1.22	89.31	
23/08/2024 11:40	18.14	5.17	121.81	12.54	18.74	1.03	54.5	12.51	30.15	8.6	202.45	31.06	1.71	90.32	
23/08/2024 11:45	18.46	4.99	117.99	12.52	18.44	0.69	51.75	12.49	30.63	8.29	195.82	30.48	1.14	85.55	
23/08/2024 11:50	18.05	4.68	119.32	12.5	18.5	0.8	52.09	12.49	29.89	7.75	197.52	30.57	1.32	86.09	
23/08/2024 11:55	18.26	5.02	119.2	12.51	18.45	0.86	53.69	12.48	30.23	8.31	197.39	30.48	1.42	88.68	
23/08/															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
23/08/2024 13:25	18.77	4.7	118.76	12.5	18.59	0.93	55.23	12.48	31.04	7.78	196.45	30.68	1.54	91.15	
23/08/2024 13:30	18.8	4.61	116.13	12.49	18.36	0.64	53.13	12.47	31.07	7.62	191.97	30.26	1.06	87.57	
23/08/2024 13:35	18.34	4.61	119.48	12.48	18.56	0.7	52.55	12.46	30.29	7.62	197.31	30.59	1.16	86.58	
23/08/2024 13:40	18.43	4.87	119.85	12.49	18.69	1	55.38	12.47	30.46	8.05	198.04	30.81	1.65	91.29	
23/08/2024 13:45	18.48	4.68	117.1	12.48	18.23	0.59	52.89	12.46	30.51	7.72	193.38	30.02	0.98	87.09	
23/08/2024 13:50	18.36	4.41	118.85	12.48	18.19	0.63	53.06	12.46	30.29	7.28	196.08	29.95	1.03	87.37	
23/08/2024 13:55	18.43	4.69	119.56	12.48	18.23	0.78	55.34	12.46	30.42	7.75	197.37	30.02	1.29	91.13	
23/08/2024 14:00	18.53	4.74	115.98	12.48	18.27	0.72	52.96	12.46	30.58	7.82	191.44	30.08	1.18	87.19	
23/08/2024 14:05	18.05	4.62	119.23	12.48	18.28	0.78	52.95	12.46	29.8	7.63	196.89	30.11	1.29	87.2	
23/08/2024 14:10	18.49	4.96	119.76	12.49	18	0.91	56.41	12.47	30.57	8.2	198.02	29.69	1.5	93.04	
23/08/2024 14:15	18.61	4.84	116.7	12.49	18.3	0.93	53.49	12.48	30.78	8	192.97	30.21	1.54	88.27	
23/08/2024 14:20	18.32	4.66	118.38	12.5	18.28	0.94	53.25	12.48	30.31	7.72	195.84	30.17	1.55	87.89	
23/08/2024 14:25	18.37	4.94	118.32	12.5	18.21	0.89	55.95	12.48	30.41	8.17	195.87	30.06	1.46	92.39	
23/08/2024 14:30	18.5	4.82	115.65	12.5	18.36	0.78	52.68	12.48	30.6	7.97	191.29	30.29	1.29	86.92	
23/08/2024 14:35	18.24	4.55	118.81	12.49	18.44	0.78	52.52	12.47	30.13	7.52	196.3	30.41	1.29	86.63	
23/08/2024 14:40	18.65	4.83	119.07	12.49	18.49	0.96	56.07	12.47	30.84	7.98	196.81	30.47	1.59	92.44	
23/08/2024 14:45	18.69	4.68	116.07	12.48	18.5	0.73	53.16	12.46	30.85	7.73	191.68	30.45	1.2	87.52	
23/08/2024 14:50	18.26	4.52	118.18	12.47	18.58	0.81	53.27	12.46	30.12	7.45	194.88	30.58	1.34	87.69	
23/08/2024 14:55	18.39	4.74	117.82	12.47	18.57	1	54.68	12.45	30.34	7.82	194.31	30.55	1.65	89.98	
23/08/2024 15:00	18.53	4.58	114.94	12.46	18.47	0.76	52.84	12.44	30.54	7.55	189.39	30.35	1.25	86.84	
23/08/2024 15:05	18.11	4.57	119.19	12.46	18.39	0.78	52.95	12.44	29.82	7.53	196.24	30.22	1.28	87.01	
23/08/2024 15:10	18.06	4.84	119.43	12.46	18.57	1.08	55.55	12.44	29.74	7.98	196.71	30.54	1.77	91.33	
23/08/2024 15:15	18.19	4.61	116.78	12.46	18.3	0.65	53.19	12.44	29.95	7.59	192.26	30.06	1.07	87.36	
23/08/2024 15:20	18.27	4.64	119.93	12.45	18.33	0.72	53.55	12.44	30.06	7.63	197.36	30.1	1.18	87.94	
23/08/2024 15:25	18.15	4.55	119.8	12.45	18.29	0.94	56.71	12.44	29.84	7.48	197.05	30.03	1.55	93.13	
23/08/2024 15:30	18.35	4.63	117.5	12.45	18.16	0.71	54.24	12.43	30.18	7.62	193.2	29.79	1.16	88.99	
23/08/2024 15:35	18.23	4.74	119.79	12.45	18.28	0.77	54.05	12.43	29.98	7.79	196.97	29.99	1.26	88.66	
23/08/2024 15:40	18.67	4.98	119.87	12.45	18.66	1.11	56.81	12.43	30.7	8.18	197.14	30.64	1.82	93.27	
23/08/2024 15:45	18.59	4.69	115.88	12.44	18.38	0.79	54.71	12.43	30.56	7.71	190.48	30.15	1.3	89.75	
23/08/2024 15:50	18.04	4.68	120.94	12.44	18.44	0.78	55.06	12.43	29.64	7.69	198.66	30.25	1.28	90.33	
23/08/2024 15:55	18.3	4.88	120.59	12.44	18.24	1.03	56.23	12.43	30.08	8.03	198.21	29.91	1.68	92.24	
23/08/2024 16:00	18.41	4.88	118.37	12.44	18.08	0.81	54.16	12.42	30.25	8.02	194.54	29.66	1.33	88.83	
23/08/2024 16:05	18.26	4.85	120.98	12.45	17.95	0.75	53.73	12.42	30.02	7.97	198.91	29.44	1.23	88.11	
23/08/2024 16:10	18.59	5.08	120.85	12.45	18.26	0.94	56.71	12.43	30.59	8.35	198.83	29.97	1.55	93.08	
23/08/2024 16:15	18.61	5.01	118.69	12.45	17.81	0.57	55.14	12.42	30.6	8.24	195.16	29.21	0.94	90.41	
23/08/2024 16:20	18.01	4.85	121.16	12.45	18	0.72	55.92	12.42	29.61	7.97	199.21	29.52	1.18	91.7	
23/08/2024 16:25	18.14	5.23	121.95	12.46	18.38	1.29	56.4	12.44	29.89	8.61	200.86	30.2	2.12	92.66	
23/08/2024 16:30	18.39	5.18	119.44	12.46	18.47	1.08	54.27	12.44	30.29	8.54	196.67	30.35	1.77	89.17	
23/08/2024 16:35	18.02	4.68	121.06	12.45	18.61	1.22	54.08	12.44	29.66	7.7	199.22	30.58	2	88.86	
23/08/2024 16:40	18.3	4.89	121.3	12.46	18.38	1.19	57.1	12.44	30.14	8.05	199.72	30.2	1.96	93.82	
23/08/2024 16:45	18.45	5.01	119.76	12.46	18.18	1.01	56.18	12.44	30.36	8.25	197.15	29.86	1.65	92.27	
23/08/2024 16:50	18.09	5.07	123.63	12.46	18.14	1.05	56.88	12.44	29.78	8.34	203.56	29.8	1.72	93.42	
23/08/2024 16:55	18.12	5.31	124.84	12.47	18.34	1.45	60.43	12.44	29.87	8.75	205.75	30.15	2.39	99.35	
23/08/2024 17:00	18.43	5.02	119.11	12.45	18.31	1.27	58.42	12.44	30.32	8.26	195.94	30.09	2.08	95.99	
23/08/2024 17:05	17.96	4.21	115.22	12.42	18.64	1.53	58.44	12.44	29.46	6.91	188.96	30.63	2.52	96.04	
23/08/2024 17:10	18.54	4.47	115.09	12.43	18.26	1.07	57.55	12.44	30.43	7.33	188.93	30.01	1.75	94.59	
23/08/2024 17:15	18.59	4.41	112.06	12.43	18.28	0.89	56.06	12.44	30.5	7.23	183.86	30.02	1.46	92.09	
23/08/2024 17:20	18.04	4.25	117.37	12.42	18.14	0.77	56.44	12.44	29.57	6.97	192.34	29.79	1.26	92.68	
23/08/2024 17:25	18.31	4.62	117.62	12.43	18.08	1.14	57.99	12.44	30.04	7.58	192.99	29.7	1.88	95.25	
23/08/2024 17:30	18.52	4.8	116.51	12.44	18.24	0.89	49	12.42	30.42	7.89	191.41	29.89	1.47	80.28	
23/08/2024 17:35	18.16	5.19	123.01	12.47	18.59	1.09	48.25	12.42	29.95	8.57	202.86	30.47	1.79	79.06	
23/08/2024 17:40	18.36	5.53	123.34	12.48	18.49	1.07	50.09	12.44	30.31	9.14	203.65	30.36	1.75	82.26	
23/08/2024 17:45	18.41	5.39	120.06	12.48	18.35	0.84	48.92	12.43	30.39	8.9	198.13	30.13	1.38	80.31	
23/08/2024 17:50	18.08	5.11	124.24	12.48	18.03	0.58	49.23	12.43	29.84	8.43	205.05	29.6	0.95	80.82	
23/08/2024 17:55	18.46	5.57	124.51	12.48	18.13	1	54.69	12.45	30.48	9.19	205.61	29.8	1.65	89.97	
23/08/2024 18:00	18.53	5.45	123.07	12.48	18.24	1.1	54.2	12.46	30.6	8.99	203.23	30.06	1.82	89.3	
23/08/2024 18:05	18.08	5.21	123.22	12.49	17.8	0.69	54.36	12.46	29.88	8.61	203.66	29.32	1.13	89.55	
23/08/2024 18:10	18.31	5.49	123.13	12.5	18.13	1.5	59.22	12.48	30.28	9.08	203.68	29.93	2.48	97.79	
23/08/2024 18:15	18.38	5.3	119.85	12.5	18.07	1.26	55.13	12.48	30.41	8.77	198.24	29.84	2.08	91.04	
23/08/2024 18:20	18.18	5.4	124.4	12.51	17.98	1.22	55.28	12.48	30.11	8.94	206.01	29.7	2.01	91.31	
23/08/2024 18:25	18.41	5.6	123.3	12.51	17.75	1.05	56.39	12.49	30.52	9.29	204.38	29.35	1.74	93.23	
23/08/2024 18:30	18.59	5.53	120.62	12.51	18.21	1.43	55.32	12.5	30.81	9.16	199.92	30.13	2.37	91.53	
23/08/2024 18:35	18.16	5.31	123.09	12.52	18.42	1.7	55.03	12.5	30.12	8.81	204.14	30.48	2.82	91.06	
23/08/2024 18:40	18.45	5.55	123.53	12.53	17.79	1.22	57.64	12.51	30.64	9.21	205.09	29.47	2.03	95.48	
23/08/2024 18:45	18.59	5.43	121.04	12.53	18.2	1.47	55.16	12.51	30.86	9.02	200.9	30.15	2.44	91.39	
23/08/2024 18:50	18.12	5.38	123.82	12.53	18.22	1.66	55.16	12.51	30.09	8.94	205.6	30.19	2.75	91.39	
23/08/2024 18:55	18.26	5.63	124.57	12.54	17.86	1.25	56.78	12.52	30.35	9.35	207.05	29.62	2.08	94.15	
23/08/2024 19:00	18.31	5.48	122.08	12.54	18.45	1.54	56.13	12.52	30.43	9.11	202.91	30.62	2.55	93.13	
23/08/2024 19:05	18.04	5.41	123.95	12.55	18.3	1.31	56.31	12.52	30.01	9	206.24	30.36	2.18	93.43	
23/08/2024 19:10	18.38	5.69	124.15	12.55	17.94	1.34	57.44	12.53	30.6	9.47	206.64	29.78	2.22	95.38	
23/08/2024 19:15	18.49	5.52	121.16	12.54	18.23	1.64	55.92	12.53	30.76	9.19	201.56	30.28	2.72	92.88	
23/08/2024 19:20	18.13	5.44	123.08	12.55	18.05	1.67	56.48	12.53	30.17	9.05	204.8	29.97	2.78	93.82	
23/08/2024 19:25	18.37	5.68	123.18	12.55	17.92	1.63	59.11	12.53	30.6						



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
23/08/2024 20:50	18.28	5.56	123.99	12.57	18.36	1.95	56.45	12.55	30.49	9.27	206.87	30.56	3.25	93.96	
23/08/2024 20:55	18.54	5.66	123.17	12.57	18.22	1.74	59.22	12.55	30.94	9.45	205.55	30.34	2.89	98.64	
23/08/2024 21:00	18.48	5.59	121.86	12.57	18.17	1.61	56.81	12.55	30.82	9.32	203.23	30.24	2.67	94.55	
23/08/2024 21:05	18.2	5.62	124.69	12.56	18.09	1.67	57.42	12.55	30.35	9.37	207.94	30.12	2.78	95.59	
23/08/2024 21:10	18.58	5.8	124.37	12.57	18.08	1.6	58.16	12.55	31.01	9.67	207.59	30.09	2.66	96.84	
23/08/2024 21:15	18.62	5.7	120.46	12.57	18.44	1.7	55.7	12.55	31.06	9.51	200.97	30.7	2.82	92.73	
23/08/2024 21:20	18.24	5.66	125.04	12.57	18.64	1.86	55.89	12.55	30.44	9.45	208.6	31.03	3.1	93.04	
23/08/2024 21:25	18.49	5.87	124.54	12.57	18.27	1.71	58.51	12.55	30.86	9.79	207.86	30.42	2.84	97.43	
23/08/2024 21:30	18.49	5.59	121.7	12.57	18.16	1.64	56.4	12.55	30.84	9.32	203	30.24	2.74	93.9	
23/08/2024 21:35	18.21	5.65	125.34	12.57	17.91	1.47	56.56	12.55	30.38	9.42	209.08	29.81	2.45	94.16	
23/08/2024 21:40	18.67	5.94	124.99	12.57	17.86	1.54	59.07	12.55	31.17	9.91	208.66	29.74	2.56	98.36	
23/08/2024 21:45	18.69	5.72	122.39	12.57	18.66	1.85	56.26	12.55	31.18	9.55	204.22	31.07	3.09	93.68	
23/08/2024 21:50	18.24	5.65	124.73	12.57	18.89	1.83	56.48	12.55	30.43	9.43	208.03	31.46	3.05	94.06	
23/08/2024 21:55	18.63	5.97	124.91	12.57	18.16	1.62	58.42	12.55	31.09	9.96	208.49	30.25	2.71	97.28	
23/08/2024 22:00	18.69	5.73	121.63	12.57	18.59	1.84	55.91	12.55	31.18	9.56	202.91	30.96	3.06	93.08	
23/08/2024 22:05	18.26	5.68	124.82	12.57	18.72	1.89	55.59	12.55	30.46	9.48	208.16	31.17	3.15	92.56	
23/08/2024 22:10	18.38	5.94	124.66	12.57	17.95	1.52	58.53	12.55	30.68	9.92	208.02	29.89	2.52	97.45	
23/08/2024 22:15	18.49	5.78	122.24	12.57	18.33	1.76	56.2	12.55	30.84	9.65	203.9	30.51	2.92	93.55	
23/08/2024 22:20	18.34	5.75	125.19	12.57	18.08	1.72	55.89	12.55	30.6	9.6	208.84	30.09	2.86	93.02	
23/08/2024 22:25	18.73	5.91	124.21	12.57	18.2	1.65	58.55	12.55	31.27	9.87	207.31	30.3	2.76	97.52	
23/08/2024 22:30	18.71	5.71	121.58	12.57	18.52	1.81	56.36	12.55	31.22	9.53	202.84	30.83	3.01	93.82	
23/08/2024 22:35	18.24	5.65	123.68	12.57	18.34	1.75	55.78	12.55	30.43	9.42	206.33	30.53	2.91	92.84	
23/08/2024 22:40	18.41	5.94	123.46	12.58	18.1	1.6	55.8	12.55	30.73	9.91	206.14	30.13	2.67	92.91	
23/08/2024 22:45	18.55	5.7	120.46	12.57	18.5	1.78	55.09	12.55	30.95	9.51	201.01	30.81	2.97	91.74	
23/08/2024 22:50	18.3	5.61	123.29	12.57	18.56	1.99	55.88	12.55	30.54	9.37	205.73	30.92	3.31	93.07	
23/08/2024 22:55	18.58	6.09	124.48	12.57	18.24	1.68	57.59	12.55	31.02	10.17	207.77	30.38	2.8	95.91	
23/08/2024 23:00	18.54	5.85	121.61	12.57	18.44	1.66	55.36	12.55	30.93	9.76	202.89	30.71	2.77	92.19	
23/08/2024 23:05	18.18	5.6	122.84	12.57	18.53	1.7	55.11	12.55	30.33	9.34	204.89	30.86	2.84	91.77	
23/08/2024 23:10	18.68	5.86	122.59	12.57	18.36	1.68	59.1	12.55	31.16	9.78	204.53	30.56	2.79	98.4	
23/08/2024 23:15	18.67	5.7	120.62	12.57	18.75	1.87	55.76	12.55	31.13	9.52	201.18	31.21	3.11	92.84	
23/08/2024 23:20	18.2	5.63	122.38	12.57	18.81	1.92	55.92	12.55	30.36	9.39	204.13	31.32	3.2	93.11	
23/08/2024 23:25	18.58	6.05	123.56	12.57	18.28	1.64	57.14	12.55	31.01	10.1	206.26	30.42	2.74	95.11	
23/08/2024 23:30	18.63	5.74	121.15	12.57	18.63	1.92	55.32	12.55	31.07	9.57	202.08	31.01	3.2	92.06	
23/08/2024 23:35	18.24	5.72	123.67	12.56	18.52	2.03	55.5	12.55	30.41	9.54	206.2	30.81	3.38	92.35	
23/08/2024 23:40	18.79	5.95	124.29	12.57	18.17	1.68	57.71	12.55	31.35	9.93	207.37	30.24	2.79	96.06	
23/08/2024 23:45	18.75	5.79	121.8	12.56	18.66	1.74	55.64	12.55	31.26	9.66	203.1	31.05	2.9	92.59	
23/08/2024 23:50	18.31	5.8	123.63	12.56	18.7	1.86	55.75	12.55	30.53	9.68	206.13	31.12	3.1	92.75	
23/08/2024 23:55	18.37	6.02	124.44	12.57	17.94	1.48	57.54	12.55	30.65	10.05	207.58	29.85	2.46	95.74	
24/08/2024 00:00	18.44	5.82	121.67	12.56	18.57	1.87	55.98	12.55	30.75	9.7	202.88	30.91	3.11	93.17	
24/08/2024 00:05	18.08	5.72	123.21	12.56	18.64	1.89	55.7	12.55	30.15	9.54	205.41	31.02	3.15	92.69	
24/08/2024 00:10	18.23	6.01	123.36	12.57	18	1.68	57.52	12.55	30.41	10.02	205.82	29.96	2.8	95.73	
24/08/2024 00:15	18.4	5.78	118.27	12.57	18.6	1.96	55.59	12.55	30.69	9.64	197.28	30.96	3.27	92.57	
24/08/2024 00:20	18.3	5.45	119.83	12.57	18.89	2.25	56.25	12.55	30.54	9.09	200.02	31.46	3.75	93.69	
24/08/2024 00:25	18.67	5.4	116.42	12.57	18.16	1.64	57.2	12.56	31.16	9.02	194.32	30.25	2.73	95.31	
24/08/2024 00:30	18.68	5.26	113.08	12.57	18.44	1.68	53.13	12.56	31.18	8.77	188.7	30.71	2.79	88.49	
24/08/2024 00:35	18.32	5.15	116.54	12.57	18.63	1.7	53.03	12.55	30.57	8.59	194.48	31.02	2.84	88.33	
24/08/2024 00:40	18.68	5.52	117.85	12.58	17.98	1.42	55.5	12.56	31.21	9.22	196.87	29.95	2.37	92.47	
24/08/2024 00:45	18.7	5.44	117.37	12.57	18.44	1.79	53.74	12.55	31.22	9.08	195.94	30.71	2.98	89.51	
24/08/2024 00:50	18.3	5.47	120.2	12.57	18.55	1.86	53.72	12.55	30.54	9.12	200.62	30.89	3.1	89.47	
24/08/2024 00:55	18.59	5.64	119.06	12.57	18.01	1.66	57.28	12.56	31.04	9.42	198.78	30	2.76	95.44	
24/08/2024 01:00	18.61	5.33	114.74	12.57	18.4	1.77	53.99	12.55	31.05	8.89	191.47	30.64	2.95	89.91	
24/08/2024 01:05	18.41	5.34	118.31	12.56	18.38	1.8	54.02	12.55	30.71	8.9	197.3	30.61	2.99	89.97	
24/08/2024 01:10	18.44	5.52	117.62	12.57	18.21	1.62	54.34	12.55	30.77	9.22	196.31	30.32	2.7	90.5	
24/08/2024 01:15	18.59	5.38	115.04	12.57	18.72	1.72	50.5	12.55	31.02	8.97	191.91	31.17	2.86	84.07	
24/08/2024 01:20	18.35	5.23	117.14	12.56	18.94	1.72	50.63	12.55	30.6	8.72	195.32	31.52	2.86	84.27	
24/08/2024 01:25	18.7	5.58	117.57	12.58	18.25	1.59	54.09	12.55	31.22	9.32	196.34	30.39	2.64	90.08	
24/08/2024 01:30	18.72	5.45	116.07	12.57	18.52	1.87	53.54	12.55	31.24	9.1	193.69	30.84	3.11	89.14	
24/08/2024 01:35	18.41	5.48	120	12.57	18.59	2.02	54.5	12.55	30.71	9.15	200.17	30.96	3.36	90.74	
24/08/2024 01:40	18.61	5.75	120.18	12.58	18.02	1.7	56.48	12.55	31.07	9.6	200.65	30.01	2.83	94.06	
24/08/2024 01:45	18.57	5.47	116.98	12.57	18.3	1.85	55.03	12.55	30.98	9.13	195.24	30.48	3.09	91.66	
24/08/2024 01:50	18.34	5.49	119.91	12.57	18.2	1.86	55.47	12.55	30.6	9.15	200.06	30.32	3.1	92.39	
24/08/2024 01:55	18.62	5.69	119.8	12.57	18.04	1.65	55.55	12.55	31.07	9.49	199.95	30.03	2.75	92.51	
24/08/2024 02:00	18.63	5.48	117.3	12.57	18.43	1.87	53.77	12.55	31.07	9.14	195.67	30.69	3.11	89.54	
24/08/2024 02:05	18.32	5.43	119.49	12.57	18.39	1.86	53.5	12.55	30.55	9.05	199.3	30.62	3.1	89.08	
24/08/2024 02:10	18.54	5.75	120.26	12.57	18.06	1.66	55.63	12.55	30.96	9.6	200.79	30.07	2.76	92.63	
24/08/2024 02:15	18.57	5.41	115.11	12.57	18.41	1.71	53.02	12.55	30.99	9.03	192.1	30.65	2.84	88.3	
24/08/2024 02:20	18.35	5.28	117.91	12.57	18.16	1.47	52.8	12.55	30.62	8.81	196.73	30.24	2.45	87.92	
24/08/2024 02:25	18.68	5.57	118.4	12.57	17.94	1.47	55.18	12.55	31.19	9.3	197.69	29.86	2.46	91.88	
24/08/2024 02:30	18.67	5.41	116.08	12.57	18.29	1.69	53.25	12.55	31.15	9.02	193.68	30.44	2.81	88.63	
24/08/2024 02:35	18.35	5.36	118.14	12.57	18.25	1.74	53.75	12.55	30.6	8.94	197.03	30.38	2.89	89.48	
24/08/2024 02:40	18.52	5.66	117.83	12.57	17.87	1.55	55.83	12.55	30.9	9.44	196.6	29.75	2.58	92.97	
24/08/2024 02:45	18.57	5.56	115.49	12.57	18.25	1.77	54.32	12.55	30.97	9.28	192.65	30.39	2.94	90.46	
24/08/2024 02:50	18.19														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24/08/2024 04:15	18.69	5.87	118.73	12.57	18.23	1.95	55.51	12.55	31.18	9.79	198.1	30.35	3.24	92.42	
24/08/2024 04:20	18.25	5.76	121.63	12.57	18.28	2.03	54.92	12.55	30.45	9.61	202.95	30.44	3.38	91.46	
24/08/2024 04:25	18.69	5.85	120.81	12.57	17.91	1.92	59.08	12.56	31.2	9.77	201.67	29.83	3.19	98.42	
24/08/2024 04:30	18.67	5.65	117.56	12.57	18.2	1.98	55.21	12.55	31.16	9.44	196.19	30.3	3.3	91.94	
24/08/2024 04:35	18.28	5.72	121.7	12.57	17.89	1.95	54.64	12.55	30.5	9.54	203.05	29.79	3.25	90.98	
24/08/2024 04:40	18.61	6.07	121.88	12.58	18.08	1.96	58.44	12.55	31.08	10.14	203.49	30.12	3.27	97.35	
24/08/2024 04:45	18.64	5.87	119.38	12.57	18.34	2.02	55.41	12.55	31.1	9.8	199.24	30.54	3.37	92.26	
24/08/2024 04:50	18.37	5.78	121.86	12.57	18.27	2.06	55.39	12.55	30.65	9.65	203.34	30.41	3.44	92.22	
24/08/2024 04:55	18.89	5.98	121.66	12.57	17.94	1.86	57.94	12.55	31.54	9.98	203.13	29.87	3.1	96.5	
24/08/2024 05:00	18.85	5.83	119.38	12.57	18.55	2.22	55.82	12.55	31.46	9.73	199.25	30.9	3.7	92.96	
24/08/2024 05:05	18.37	5.65	120.75	12.57	19	2.34	55.25	12.55	30.64	9.43	201.41	31.64	3.9	92.01	
24/08/2024 05:10	18.67	6.05	121.98	12.57	18.04	2	58.8	12.55	31.16	10.09	203.51	30.05	3.33	97.94	
24/08/2024 05:15	18.72	5.74	117.61	12.57	18.32	2.04	55.21	12.55	31.23	9.58	196.19	30.51	3.4	91.94	
24/08/2024 05:20	18.39	5.64	119.71	12.57	18.33	2.03	54.83	12.55	30.69	9.41	199.74	30.52	3.38	91.3	
24/08/2024 05:25	18.58	6.01	121.37	12.58	18.13	1.93	57.65	12.55	31.03	10.03	202.68	30.19	3.22	96.02	
24/08/2024 05:30	18.65	5.87	119.06	12.57	18.42	2.18	56.41	12.56	31.13	9.79	198.73	30.69	3.63	93.97	
24/08/2024 05:35	18.27	5.81	121.43	12.57	18.42	2.33	56.67	12.55	30.48	9.69	202.62	30.68	3.88	94.39	
24/08/2024 05:40	18.74	5.99	121.31	12.58	17.88	1.96	58.03	12.55	31.29	10.01	202.55	29.78	3.26	96.66	
24/08/2024 05:45	18.75	5.86	118.14	12.57	18.36	2.13	55.18	12.55	31.29	9.78	197.17	30.57	3.54	91.87	
24/08/2024 05:50	18.28	5.8	121.62	12.57	18.41	2.17	54.97	12.55	30.5	9.68	202.9	30.65	3.62	91.52	
24/08/2024 05:55	18.89	6.11	122.59	12.57	17.99	2.16	61.03	12.56	31.53	10.2	204.67	29.97	3.59	101.68	
24/08/2024 06:00	18.8	5.89	119.24	12.57	18.19	2.16	56.6	12.55	31.37	9.82	198.96	30.3	3.6	94.24	
24/08/2024 06:05	18.3	5.8	121.67	12.57	18.25	2.14	55.78	12.55	30.53	9.68	202.95	30.38	3.57	92.86	
24/08/2024 06:10	18.69	6.16	122.32	12.57	18.02	2.14	59.8	12.55	31.19	10.28	204.12	30	3.57	99.59	
24/08/2024 06:15	18.65	5.9	119.32	12.57	18.11	2.19	57.83	12.55	31.11	9.84	199.04	30.16	3.64	96.31	
24/08/2024 06:20	18.39	5.78	121.16	12.57	18.16	2.2	58.16	12.55	30.66	9.65	202.06	30.24	3.67	96.87	
24/08/2024 06:25	18.61	6.09	120.89	12.57	18.06	2.05	59.14	12.55	31.06	10.17	201.77	30.07	3.41	98.5	
24/08/2024 06:30	18.65	5.96	120.04	12.57	18.21	2.22	57.12	12.55	31.12	9.95	200.26	30.33	3.69	95.11	
24/08/2024 06:35	18.39	5.82	122.11	12.57	18.23	2.28	57.78	12.55	30.68	9.72	203.65	30.37	3.8	96.22	
24/08/2024 06:40	18.49	6.11	122.93	12.57	17.97	2.16	61.54	12.55	30.87	10.2	205.21	29.92	3.59	102.49	
24/08/2024 06:45	18.55	5.87	119.65	12.57	18.24	2.21	57.26	12.55	30.95	9.79	199.66	30.38	3.69	95.35	
24/08/2024 06:50	18.35	5.81	121.63	12.57	18.28	2.28	57.44	12.55	30.62	9.7	202.94	30.45	3.8	95.67	
24/08/2024 06:55	18.55	6.07	122.19	12.57	18.01	2.06	59	12.55	30.98	10.13	204.01	30	3.44	98.27	
24/08/2024 07:00	18.58	5.95	121.26	12.57	18.25	2.09	55.94	12.55	31.01	9.92	202.35	30.37	3.48	93.09	
24/08/2024 07:05	18.41	5.89	121.99	12.57	18.42	2.14	55.7	12.55	30.7	9.82	203.45	30.65	3.56	92.69	
24/08/2024 07:10	18.82	6.17	122.01	12.57	17.8	1.82	57.82	12.55	31.4	10.29	203.5	29.62	3.04	96.25	
24/08/2024 07:15	18.84	6.06	119.66	12.56	18.26	2.21	56.86	12.55	31.42	10.1	199.51	30.4	3.68	94.66	
24/08/2024 07:20	18.37	5.95	122.82	12.57	18.34	2.24	56.63	12.55	30.65	9.93	204.92	30.54	3.72	94.26	
24/08/2024 07:25	18.85	6.21	122.52	12.57	18.11	2.06	58.23	12.55	31.46	10.37	204.46	30.15	3.43	96.95	
24/08/2024 07:30	18.8	6.04	120.4	12.57	18.31	2.14	56.31	12.55	31.35	10.08	200.82	30.48	3.56	93.75	
24/08/2024 07:35	18.33	5.92	122.48	12.57	18.52	2.31	55.95	12.55	30.57	9.87	204.29	30.83	3.85	93.16	
24/08/2024 07:40	18.67	6.27	123.57	12.57	18.03	2	58.76	12.55	31.16	10.47	206.17	30.01	3.34	97.81	
24/08/2024 07:45	18.67	6.1	120.08	12.57	18.29	2.09	56.54	12.55	31.13	10.17	200.27	30.43	3.48	94.1	
24/08/2024 07:50	18.33	5.79	122.24	12.56	18.16	1.95	55.7	12.54	30.56	9.65	203.75	30.2	3.25	92.66	
24/08/2024 07:55	18.89	6.02	121.27	12.57	17.81	1.84	59.62	12.55	31.5	10.03	202.27	29.63	3.07	99.22	
24/08/2024 08:00	18.8	5.77	117.96	12.56	18.35	1.89	54.69	12.54	31.34	9.61	196.67	30.52	3.14	90.97	
24/08/2024 08:05	18.36	5.71	120.8	12.56	18.22	1.64	54.22	12.54	30.62	9.52	201.42	30.29	2.73	90.16	
24/08/2024 08:10	18.78	5.88	120.4	12.57	18.02	1.79	57.37	12.55	31.32	9.8	200.81	29.98	2.98	95.45	
24/08/2024 08:15	18.8	5.6	117.62	12.56	18.6	1.95	55.09	12.55	31.34	9.34	196.09	30.95	3.24	91.65	
24/08/2024 08:20	18.3	5.69	120.68	12.56	18.75	1.86	54.78	12.54	30.51	9.48	201.17	31.19	3.09	91.12	
24/08/2024 08:25	18.7	5.81	119.59	12.57	18.01	1.79	59.11	12.55	31.18	9.69	199.45	29.97	2.98	98.37	
24/08/2024 08:30	18.7	5.67	115.93	12.56	18.32	1.83	53.65	12.54	31.18	9.45	193.26	30.48	3.05	89.25	
24/08/2024 08:35	18.35	5.51	119.02	12.56	18.44	1.83	52.92	12.54	30.59	9.18	198.35	30.66	3.04	88.02	
24/08/2024 08:40	18.59	5.75	118.01	12.56	18.11	1.87	57.94	12.55	30.99	9.58	196.78	30.13	3.1	96.41	
24/08/2024 08:45	18.62	5.68	115.84	12.56	18.49	2.22	56.3	12.55	31.03	9.46	193.07	30.76	3.69	93.66	
24/08/2024 08:50	18.24	5.53	119.95	12.56	18.58	2.44	56.53	12.55	30.38	9.22	199.85	30.91	4.06	94.05	
24/08/2024 08:55	18.66	5.74	119.25	12.56	18.08	1.8	58.24	12.54	31.09	9.56	198.71	30.07	3	96.85	
24/08/2024 09:00	18.79	5.55	116.49	12.55	18.43	1.91	54.89	12.54	31.29	9.25	193.99	30.64	3.17	91.25	
24/08/2024 09:05	18.48	5.38	118.39	12.55	18.19	1.83	54.42	12.54	30.76	8.96	197.11	30.23	3.04	90.44	
24/08/2024 09:10	18.55	5.64	118.98	12.56	18.12	1.73	58.48	12.54	30.9	9.39	198.24	30.12	2.88	97.22	
24/08/2024 09:15	18.58	5.35	115.91	12.55	18.6	1.76	54.19	12.54	30.94	8.91	193.03	30.92	2.93	90.07	
24/08/2024 09:20	18.5	5.23	116.9	12.55	18.47	1.53	54.64	12.54	30.79	8.7	194.56	30.7	2.55	90.82	
24/08/2024 09:25	18.73	5.59	117.98	12.55	17.96	1.44	55.87	12.53	31.17	9.31	196.36	29.83	2.4	92.79	
24/08/2024 09:30	18.77	5.42	115.81	12.54	18.59	1.81	54.09	12.53	31.22	9.01	192.65	30.87	3.01	89.83	
24/08/2024 09:35	18.34	5.28	118.53	12.54	18.86	2.17	54.8	12.53	30.5	8.77	197.08	31.34	3.61	91.05	
24/08/2024 09:40	18.66	5.64	118.11	12.55	18.35	1.85	58.02	12.53	31.04	9.38	196.55	30.48	3.07	96.38	
24/08/2024 09:45	18.75	5.46	116.2	12.54	18.47	1.64	54.01	12.53	31.18	9.08	193.27	30.66	2.73	89.68	
24/08/2024 09:50	18.37	5.26	117.83	12.54	18.55	1.58	53.59	12.53	30.55	8.74	195.97	30.79	2.62	88.97	
24/08/2024 09:55	18.52	5.62	119.89	12.55	18.18	1.47	57.24	12.53	30.83	9.35	199.56	30.2	2.45	95.07	
24/08/2024 10:00	18.62	5.33	117.11	12.54	18.54	1.64	53.5	12.53	30.97	8.87	194.84	30.78	2.72	88.82	
24/08/2024 10:05	18.4	5.2	117.08	12.54	18.88	1.74	52.58	12.53	30.61	8.65	194.78	31.33	2.88	87.28	
24/08/2024 10:10	18.84	5.59	118.46	12.55	18.58	1.83	56.47	12.53	31.37	9.32	197.27	30.86	3.04	93.82	
24/08/2024															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24/08/2024 11:40	18.52	5.67	121.57	12.49	17.49	1.17	59.62	12.47	30.61	9.38	200.95	28.86	1.93	98.34	
24/08/2024 11:45	18.68	5.52	117.21	12.49	18.53	1.71	56.89	12.48	30.87	9.12	193.72	30.59	2.83	93.89	
24/08/2024 11:50	18.36	5.16	119.78	12.5	18.72	1.78	56.08	12.48	30.37	8.54	198.13	30.89	2.94	92.55	
24/08/2024 11:55	18.69	5.46	119.33	12.5	17.82	1.21	59.43	12.48	30.94	9.04	197.51	29.43	2	98.14	
24/08/2024 12:00	18.79	5.31	116.82	12.5	18.34	1.29	55.32	12.48	31.09	8.78	193.27	30.28	2.12	91.3	
24/08/2024 12:05	18.42	4.89	118.57	12.49	18.55	1.39	55.47	12.48	30.43	8.08	195.86	30.62	2.3	91.57	
24/08/2024 12:10	18.4	5.26	119.57	12.49	18.04	1.05	57.54	12.47	30.43	8.7	197.69	29.74	1.74	94.86	
24/08/2024 12:15	18.73	5.14	116.25	12.49	18.6	1.34	54.96	12.46	30.93	8.49	192.04	30.63	2.2	90.52	
24/08/2024 12:20	18.47	4.54	116.33	12.47	18.81	1.58	54.72	12.46	30.45	7.49	191.75	30.99	2.6	90.13	
24/08/2024 12:25	18.68	4.97	117.91	12.47	18.36	1.12	56.61	12.45	30.79	8.19	194.38	30.21	1.85	93.15	
24/08/2024 12:30	18.8	4.9	115.73	12.46	18.37	0.98	55.01	12.44	30.97	8.07	190.65	30.2	1.61	90.42	
24/08/2024 12:35	18.41	4.75	119.61	12.45	18.33	1.03	55.47	12.44	30.28	7.82	196.75	30.13	1.7	91.18	
24/08/2024 12:40	18.67	5.18	121.64	12.45	18.23	1.01	58.22	12.44	30.73	8.53	200.21	29.94	1.66	95.6	
24/08/2024 12:45	18.79	5.05	118.24	12.45	18.33	0.88	55.26	12.42	30.9	8.3	194.46	30.05	1.44	90.62	
24/08/2024 12:50	18.47	4.75	119.36	12.44	18.34	0.92	55.61	12.42	30.35	7.8	196.11	30.07	1.51	91.17	
24/08/2024 12:55	18.86	5.16	121.52	12.45	18.44	1.14	58.16	12.43	31.01	8.49	199.81	30.24	1.86	95.42	
24/08/2024 13:00	18.99	5.03	118.37	12.44	18.29	0.91	55.84	12.42	31.21	8.26	194.57	29.99	1.49	91.56	
24/08/2024 13:05	18.5	4.59	119.18	12.44	18.39	0.95	55.16	12.42	30.39	7.54	195.78	30.15	1.56	90.43	
24/08/2024 13:10	18.78	4.87	120.01	12.44	18.48	1.04	57.04	12.42	30.85	8	197.16	30.3	1.71	93.53	
24/08/2024 13:15	18.92	4.9	117.75	12.44	18.54	0.98	54.67	12.42	31.07	8.04	193.42	30.38	1.61	89.61	
24/08/2024 13:20	18.49	4.77	119.67	12.44	18.7	1	54.39	12.42	30.36	7.84	196.55	30.65	1.64	89.14	
24/08/2024 13:25	18.57	5.08	120.33	12.44	18.53	1.16	58.7	12.42	30.52	8.34	197.71	30.38	1.9	96.26	
24/08/2024 13:30	18.81	5.06	118.48	12.43	18.44	1	54.59	12.41	30.87	8.31	194.53	30.2	1.64	89.37	
24/08/2024 13:35	18.47	4.85	119.98	12.42	18.5	1	54.45	12.41	30.29	7.95	196.69	30.28	1.64	89.13	
24/08/2024 13:40	18.89	5.1	119.94	12.43	18.46	1.24	57.68	12.41	31	8.37	196.81	30.23	2.03	94.45	
24/08/2024 13:45	18.89	4.95	117.64	12.42	18.38	0.8	55.66	12.4	30.97	8.11	192.9	30.05	1.3	91.03	
24/08/2024 13:50	18.44	4.89	120.92	12.42	18.45	0.75	56.25	12.4	30.22	8.01	198.11	30.17	1.23	91.97	
24/08/2024 13:55	18.68	5.13	121.99	12.42	18.58	1.42	59.96	12.4	30.62	8.42	199.99	30.39	2.33	98.1	
24/08/2024 14:00	18.58	4.91	119.04	12.42	18.44	0.99	56.41	12.4	30.44	8.05	195.06	30.15	1.63	92.21	
24/08/2024 14:05	18.44	4.83	120.62	12.41	18.42	0.78	55.28	12.39	30.2	7.91	197.55	30.1	1.28	90.32	
24/08/2024 14:10	18.5	4.97	119.76	12.42	18.71	1.15	57.07	12.4	30.32	8.14	196.29	30.58	1.88	93.29	
24/08/2024 14:15	18.59	4.8	117.51	12.41	18.29	0.74	55.46	12.39	30.45	7.86	192.48	29.87	1.21	90.57	
24/08/2024 14:20	18.56	4.75	120.16	12.41	18.25	0.81	55.36	12.39	30.38	7.78	196.7	29.79	1.33	90.38	
24/08/2024 14:25	18.35	4.85	120.49	12.41	18.73	1.44	60.23	12.4	30.05	7.94	197.32	30.63	2.36	98.49	
24/08/2024 14:30	18.77	5	119.25	12.41	18.65	1.11	55.62	12.39	30.72	8.19	195.24	30.46	1.81	90.87	
24/08/2024 14:35	18.47	4.85	120.58	12.41	19.06	1.34	55.55	12.39	30.24	7.94	197.39	31.14	2.2	90.75	
24/08/2024 14:40	18.82	5	119.97	12.41	18.66	1.21	57.8	12.39	30.8	8.19	196.41	30.49	1.97	94.47	
24/08/2024 14:45	18.95	4.98	117.94	12.41	18.35	0.89	55.33	12.39	31.01	8.15	193.01	29.97	1.45	90.36	
24/08/2024 14:50	18.55	4.81	120.37	12.4	18.5	0.97	54.52	12.39	30.35	7.88	196.93	30.21	1.58	89.02	
24/08/2024 14:55	18.83	5.03	120.99	12.41	18.9	1.42	57.64	12.39	30.83	8.23	198.07	30.88	2.31	94.17	
24/08/2024 15:00	18.92	4.91	118.07	12.4	18.33	0.85	55.74	12.38	30.94	8.03	193.11	29.91	1.38	90.95	
24/08/2024 15:05	18.45	4.74	120.26	12.39	18.34	0.86	55.2	12.38	30.14	7.75	196.43	29.91	1.4	90.01	
24/08/2024 15:10	18.51	5.08	121.16	12.39	18.74	1.38	57.23	12.38	30.24	8.31	197.98	30.58	2.26	93.4	
24/08/2024 15:15	18.8	5.05	118.36	12.39	18.6	1.2	56.2	12.38	30.72	8.25	193.4	30.35	1.96	91.7	
24/08/2024 15:20	18.51	4.82	119.57	12.4	18.92	1.25	55.83	12.38	30.26	7.89	195.43	30.87	2.04	91.08	
24/08/2024 15:25	19.06	4.92	119.08	12.4	19.08	1.55	57.02	12.39	31.17	8.05	194.69	31.15	2.53	93.09	
24/08/2024 15:30	19.13	4.87	116.88	12.39	18.86	0.97	54	12.38	31.27	7.96	191.01	30.76	1.59	88.06	
24/08/2024 15:35	18.34	4.7	119.84	12.39	18.91	0.95	54.44	12.38	29.95	7.68	195.7	30.83	1.55	88.76	
24/08/2024 15:40	18.28	4.96	120.05	12.4	18.43	1.34	58.6	12.38	29.87	8.11	196.21	30.07	2.19	95.62	
24/08/2024 15:45	18.54	5.06	118.42	12.39	18.41	1.21	56.38	12.38	30.3	8.27	193.53	30.04	1.97	91.99	
24/08/2024 15:50	18.36	4.88	119.63	12.4	18.45	1.33	56.28	12.38	30.03	7.97	195.61	30.11	2.17	91.83	
24/08/2024 15:55	18.42	5.14	119.7	12.41	18.58	1.33	59.6	12.39	30.15	8.41	195.96	30.36	2.17	97.37	
24/08/2024 16:00	18.55	5.03	115.91	12.4	18.41	0.94	54.87	12.39	30.35	8.23	189.66	30.06	1.54	89.57	
24/08/2024 16:05	18.41	4.85	120.28	12.4	18.44	0.97	55.47	12.38	30.11	7.93	196.72	30.1	1.58	90.54	
24/08/2024 16:10	18.44	4.91	119.5	12.4	18.77	1.35	56.76	12.39	30.17	8.03	195.53	30.65	2.2	92.67	
24/08/2024 16:15	18.64	4.92	117.14	12.4	18.34	0.88	55.08	12.37	30.48	8.04	191.53	29.9	1.43	89.8	
24/08/2024 16:20	18.21	4.81	120.19	12.39	18.42	0.97	55.36	12.38	29.76	7.85	196.42	30.04	1.58	90.26	
24/08/2024 16:25	18.52	5.18	120.7	12.4	18.16	1.01	58.59	12.39	30.28	8.46	197.36	29.65	1.65	95.66	
24/08/2024 16:30	18.73	5.2	119.42	12.4	18.34	1.25	55.92	12.39	30.64	8.51	195.35	29.97	2.05	91.38	
24/08/2024 16:35	18.3	5.07	121.74	12.42	18.38	1.2	55.48	12.39	30	8.32	199.59	30.03	1.97	90.67	
24/08/2024 16:40	18.57	5.3	121.61	12.43	18.35	1.32	59.51	12.41	30.46	8.69	199.46	30.03	2.17	97.41	
24/08/2024 16:45	18.79	5.19	118.61	12.42	18.65	1.34	57.19	12.41	30.8	8.51	194.45	30.53	2.2	93.62	
24/08/2024 16:50	18.34	4.86	121.64	12.42	18.88	1.38	56.75	12.41	30.04	7.97	199.27	30.89	2.25	92.89	
24/08/2024 16:55	18.51	5.23	122.03	12.42	18.64	1.61	59.05	12.41	30.34	8.57	200	30.51	2.63	96.65	
24/08/2024 17:00	18.71	4.98	117.2	12.41	18.29	1.23	55.27	12.41	30.63	8.15	191.88	29.92	2.02	90.44	
24/08/2024 17:05	18.29	4.2	113.04	12.39	18.47	1.59	55.45	12.41	29.89	6.85	184.66	30.23	2.61	90.77	
24/08/2024 17:10	18.74	4.56	113.08	12.4	17.95	1.23	59.46	12.41	30.64	7.46	184.95	29.41	2.01	97.4	
24/08/2024 17:15	18.8	4.57	112.13	12.4	18.28	1.35	57.85	12.42	30.75	7.47	183.39	29.95	2.22	94.78	
24/08/2024 17:20	18.31	4.4	117.55	12.4	18.11	1.31	57.89	12.42	29.93	7.2	192.17	29.67	2.15	94.84	
24/08/2024 17:25	18.31	4.64	117.75	12.4	18.09	1.27	60.46	12.41	29.94	7.59	192.6	29.64	2.09	99.04	
24/08/2024 17:30	18.54	4.87	117.42	12.41	18.27	1.45	57.98	12.41	30.35	7.97	192.19	29.92	2.38	94.95	
24/08/2024 17:35	18.33	5.15	121.94	12.43	18.53	1.66	58.09	12.41	30.07	8.45	200.05	30.35	2.71	95.14	
24/08/2024 17:40	18.68	5.49	122.76	12.44	18.27	1.05	54.26	12.39	30.69	9.02	201.67	29.86	1.71		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24/08/2024 19:05	18.41	5.59	123.2	12.47	19.11	1.95	53.67	12.45	30.35	9.21	203.14	31.42	3.21	88.26	
24/08/2024 19:10	18.61	5.9	123.19	12.48	18.54	1.83	56.84	12.46	30.7	9.74	203.28	30.52	3.02	93.6	
24/08/2024 19:15	18.81	5.82	120.92	12.48	18.53	1.75	55.14	12.46	31.03	9.61	199.51	30.52	2.89	90.82	
24/08/2024 19:20	18.49	5.58	123.03	12.48	18.84	1.89	54.14	12.46	30.52	9.21	203.04	31.04	3.12	89.19	
24/08/2024 19:25	18.49	5.99	123.2	12.49	18.2	1.59	57.79	12.47	30.54	9.9	203.53	29.99	2.63	95.26	
24/08/2024 19:30	18.64	5.84	120.93	12.48	18.84	1.8	55.33	12.47	30.79	9.64	199.75	31.08	2.98	91.24	
24/08/2024 19:35	18.34	5.8	124.52	12.49	18.89	1.69	54.94	12.47	30.33	9.6	205.89	31.16	2.78	90.61	
24/08/2024 19:40	18.46	6.06	124.09	12.5	18.46	1.74	57.27	12.48	30.55	10.02	205.33	30.48	2.88	94.59	
24/08/2024 19:45	18.67	5.9	121.52	12.5	19.19	1.94	54.13	12.49	30.88	9.76	201.03	31.7	3.2	89.42	
24/08/2024 19:50	18.54	5.69	123.47	12.5	19.34	2.09	54.39	12.49	30.7	9.42	204.41	31.96	3.46	89.87	
24/08/2024 19:55	18.99	5.96	124.54	12.51	18.93	1.8	56.74	12.49	31.46	9.87	206.32	31.29	2.97	93.8	
24/08/2024 20:00	19.04	5.84	121	12.51	19.28	1.86	53.23	12.49	31.54	9.68	200.42	31.88	3.07	88.01	
24/08/2024 20:05	18.65	5.76	123.61	12.51	19.36	1.86	53.2	12.49	30.91	9.55	204.8	32.01	3.08	87.96	
24/08/2024 20:10	19.2	5.98	123.44	12.52	18.94	1.69	55.46	12.5	31.85	9.92	204.72	31.32	2.8	91.73	
24/08/2024 20:15	19.18	5.84	119.12	12.52	19.23	1.83	53.7	12.5	31.81	9.69	197.52	31.83	3.03	88.87	
24/08/2024 20:20	18.48	5.68	123.7	12.52	19.2	1.8	54.06	12.5	30.65	9.42	205.11	31.78	2.97	89.46	
24/08/2024 20:25	18.74	6.1	124.4	12.53	18.9	1.78	56.4	12.51	31.1	10.12	206.47	31.29	2.95	93.41	
24/08/2024 20:30	18.89	5.96	122.11	12.52	19.13	1.87	53.52	12.51	31.34	9.89	202.58	31.69	3.09	88.66	
24/08/2024 20:35	18.63	5.75	123.5	12.52	18.98	1.88	53.3	12.51	30.91	9.54	204.87	31.44	3.11	88.28	
24/08/2024 20:40	19.02	5.89	122.9	12.53	18.87	1.73	56.28	12.51	31.57	9.78	203.98	31.26	2.87	93.27	
24/08/2024 20:45	19.04	5.76	120.91	12.52	19.31	1.81	53.32	12.51	31.59	9.57	200.6	32	3	88.34	
24/08/2024 20:50	18.59	5.73	123.77	12.53	19.31	1.83	52.92	12.51	30.85	9.52	205.45	31.99	3.03	87.65	
24/08/2024 20:55	18.99	5.98	124.04	12.54	18.97	1.76	55.89	12.52	31.56	9.94	206.13	31.44	2.91	92.66	
24/08/2024 21:00	19.15	5.8	121.27	12.53	19.39	1.95	54.04	12.52	31.8	9.63	201.4	32.14	3.23	89.58	
24/08/2024 21:05	18.77	5.76	123.94	12.53	19.44	2	54.89	12.52	31.16	9.56	205.74	32.23	3.32	91.02	
24/08/2024 21:10	19	6.1	124.15	12.53	18.94	1.74	56.16	12.51	31.54	10.13	206.13	31.4	2.89	93.09	
24/08/2024 21:15	19.16	5.92	121.4	12.53	19.29	1.95	54.54	12.52	31.8	9.82	201.49	31.98	3.23	90.42	
24/08/2024 21:20	18.69	5.8	123.86	12.53	19.31	2.03	55.33	12.52	31.04	9.64	205.65	32.02	3.37	91.73	
24/08/2024 21:25	18.74	6.01	124.05	12.53	18.79	1.82	57.98	12.52	31.14	9.99	206.11	31.16	3.02	96.13	
24/08/2024 21:30	18.94	5.89	122.08	12.53	19.22	2.02	56.26	12.52	31.45	9.78	202.78	31.88	3.35	93.31	
24/08/2024 21:35	18.66	5.86	124.28	12.53	19.34	2.06	55.89	12.52	30.99	9.74	206.38	32.08	3.42	92.69	
24/08/2024 21:40	19.11	6.04	124.67	12.54	18.9	1.81	57.88	12.52	31.76	10.04	207.19	31.34	3.01	95.96	
24/08/2024 21:45	19.18	5.88	122.09	12.53	19.23	2.06	57.1	12.52	31.86	9.77	202.8	31.9	3.42	94.73	
24/08/2024 21:50	18.71	5.76	123.91	12.53	19.33	2.16	57.97	12.52	31.07	9.56	205.75	32.07	3.58	96.17	
24/08/2024 21:55	19.07	6.09	124.31	12.54	18.87	1.87	58.87	12.52	31.7	10.13	206.64	31.29	3.1	97.62	
24/08/2024 22:00	19.15	5.92	121.55	12.53	19.13	1.97	56.66	12.51	31.81	9.84	201.95	31.71	3.27	93.93	
24/08/2024 22:05	18.67	5.89	124.37	12.53	19.27	2.02	55.7	12.51	31	9.78	206.56	31.93	3.34	92.31	
24/08/2024 22:10	19.17	6.13	124.46	12.53	18.86	1.73	57.38	12.51	31.85	10.19	206.72	31.26	2.88	95.12	
24/08/2024 22:15	19.21	5.94	121.78	12.53	19.3	1.92	55.3	12.52	31.9	9.87	202.21	31.99	3.18	91.68	
24/08/2024 22:20	18.75	5.95	125.06	12.53	19.38	1.89	55.47	12.52	31.15	9.88	207.72	32.12	3.14	91.96	
24/08/2024 22:25	18.95	6.13	125.06	12.54	18.91	1.99	59.71	12.52	31.5	10.18	207.86	31.35	3.3	99.03	
24/08/2024 22:30	19.09	6.04	123.03	12.53	19.26	2.11	56.45	12.52	31.71	10.03	204.4	31.93	3.5	93.62	
24/08/2024 22:35	18.75	5.95	125.13	12.53	19.38	2.2	56.98	12.52	31.14	9.88	207.78	32.13	3.66	94.51	
24/08/2024 22:40	19.09	6.25	125.29	12.54	18.99	1.92	57.69	12.52	31.74	10.4	208.3	31.49	3.19	95.67	
24/08/2024 22:45	19.15	6.08	123.11	12.53	19.43	2.07	56.27	12.52	31.81	10.1	204.54	32.22	3.43	93.33	
24/08/2024 22:50	18.78	5.97	125.43	12.53	19.64	2.09	55.75	12.52	31.18	9.92	208.25	32.57	3.47	92.44	
24/08/2024 22:55	18.89	6.32	125.97	12.54	18.75	1.9	58.7	12.52	31.39	10.5	209.38	31.09	3.15	97.36	
24/08/2024 23:00	18.95	6.15	123.38	12.53	19.18	2.14	56.46	12.52	31.49	10.23	205.01	31.81	3.56	93.64	
24/08/2024 23:05	18.74	6.05	125.72	12.53	19.17	2.25	57.13	12.52	31.12	10.04	208.77	31.8	3.73	94.74	
24/08/2024 23:10	19.01	6.26	124.91	12.53	18.83	1.98	58.75	12.52	31.58	10.4	207.55	31.22	3.29	97.42	
24/08/2024 23:15	19.06	6.09	123.75	12.53	19.18	2.05	55.69	12.52	31.65	10.11	205.52	31.8	3.4	92.33	
24/08/2024 23:20	18.62	5.96	125.19	12.53	19.14	2.09	55.33	12.52	30.93	9.9	207.93	31.73	3.47	91.73	
24/08/2024 23:25	18.62	6.09	123.9	12.53	18.73	1.76	58.44	12.52	30.93	10.11	205.88	31.06	2.92	96.9	
24/08/2024 23:30	18.84	5.83	119.69	12.53	19.25	2.06	55.56	12.52	31.3	9.68	198.8	31.93	3.41	92.17	
24/08/2024 23:35	18.77	5.83	122.46	12.53	19.38	2.03	55.39	12.52	31.19	9.69	203.45	32.13	3.37	91.86	
24/08/2024 23:40	18.81	6.13	122.76	12.54	18.69	1.84	57.46	12.52	31.28	10.19	204.15	31	3.06	95.32	
24/08/2024 23:45	18.95	5.97	120.26	12.54	19.23	2.1	55.7	12.52	31.5	9.92	199.9	31.9	3.48	92.41	
24/08/2024 23:50	18.55	5.89	123.2	12.53	19.25	2.14	55.22	12.52	30.81	9.79	204.65	31.94	3.55	91.61	
24/08/2024 23:55	18.88	6.2	123.62	12.53	18.75	1.89	57.47	12.52	31.37	10.31	205.36	31.09	3.14	95.3	
25/08/2024 00:00	18.98	5.93	120.13	12.53	19.08	2.06	54.98	12.52	31.52	9.85	199.51	31.64	3.42	91.15	
25/08/2024 00:05	18.67	5.96	123.28	12.53	19.06	2.11	55.34	12.52	31	9.9	204.69	31.61	3.5	91.77	
25/08/2024 00:10	18.93	6.46	125.9	12.54	18.41	2.1	61.59	12.52	31.45	10.74	209.22	30.52	3.49	102.12	
25/08/2024 00:15	19.08	6.14	121.89	12.53	19.13	2.13	55.48	12.52	31.69	10.2	202.53	31.73	3.54	92.04	
25/08/2024 00:20	18.7	6.09	124.01	12.53	19.36	2.09	54.42	12.52	31.07	10.12	206.05	32.12	3.48	90.29	
25/08/2024 00:25	19.05	6.39	124.37	12.54	18.31	1.97	57.48	12.52	31.66	10.62	206.72	30.37	3.26	95.38	
25/08/2024 00:30	19.08	6.11	121.33	12.54	18.52	2.22	56.73	12.52	31.7	10.15	201.61	30.73	3.68	94.16	
25/08/2024 00:35	18.54	6.01	122.98	12.53	18.5	2.25	56.89	12.52	30.81	9.98	204.34	30.7	3.74	94.4	
25/08/2024 00:40	18.92	6.13	121.53	12.54	18.65	1.9	56.41	12.52	31.46	10.2	202.04	30.94	3.15	93.6	
25/08/2024 00:45	19.03	5.77	117.01	12.53	19.07	2.13	52.89	12.52	31.62	9.59	194.44	31.64	3.54	87.74	
25/08/2024 00:50	18.76	5.44	117.43	12.53	19.05	2.25	52.48	12.52	31.16	9.05	195.11	31.59	3.73	87.06	
25/08/2024 00:55	19.15	5.69	118.02	12.54	18.65	1.89	55.77	12.52	31.85	9.46	196.32	30.96	3.14	92.57	
25/08/2024 01:00	19.13	5.65	118.03	12.54	18.82	2.14	55.09	12.53	31.82	9.39	196.26	31.24	3.55	91.45	
25/08/2024 01:05	18.45														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25/08/2024 02:30	18.91	5.79	116.43	12.53	18.78	2.26	54.7	12.52	31.41	9.62	193.37	31.15	3.74	90.72	
25/08/2024 02:35	18.66	5.63	117.63	12.53	18.84	2.16	53.55	12.52	30.98	9.34	195.28	31.24	3.58	88.77	
25/08/2024 02:40	18.81	5.94	117.71	12.53	18.42	1.82	54.01	12.51	31.24	9.86	195.48	30.54	3.02	89.53	
25/08/2024 02:45	18.87	5.8	114.83	12.53	18.85	2.07	52.73	12.52	31.33	9.63	190.65	31.25	3.43	87.42	
25/08/2024 02:50	18.59	5.63	118.19	12.53	19	2.22	52.83	12.52	30.86	9.35	196.2	31.5	3.68	87.58	
25/08/2024 02:55	19.17	5.96	117.97	12.53	18.61	1.92	53.39	12.51	31.82	9.89	195.84	30.85	3.18	88.51	
25/08/2024 03:00	19.2	5.67	114.48	12.52	19.13	2.03	49.68	12.51	31.86	9.42	190	31.71	3.37	82.34	
25/08/2024 03:05	18.69	5.43	115.54	12.53	19.2	2.06	49.39	12.51	31.03	9.02	191.83	31.82	3.42	81.85	
25/08/2024 03:10	18.73	5.66	115.16	12.53	18.69	1.81	51.71	12.52	31.11	9.4	191.28	30.99	3	85.73	
25/08/2024 03:15	18.87	5.5	112.94	12.53	19.16	2.05	50.26	12.52	31.34	9.14	187.53	31.76	3.41	83.32	
25/08/2024 03:20	18.69	5.35	114.31	12.53	19.22	2.09	50.23	12.51	31.03	8.88	189.83	31.85	3.47	83.25	
25/08/2024 03:25	19.04	5.65	113.98	12.54	18.62	1.83	52.29	12.52	31.64	9.39	189.46	30.88	3.03	86.73	
25/08/2024 03:30	19.04	5.48	110.91	12.53	18.93	1.98	48.96	12.52	31.63	9.1	184.26	31.39	3.29	81.2	
25/08/2024 03:35	18.77	5.25	113.03	12.53	18.94	2.03	49.09	12.52	31.17	8.71	187.67	31.4	3.37	81.41	
25/08/2024 03:40	19.05	5.55	113.98	12.53	18.65	1.78	51.29	12.52	31.65	9.22	189.35	30.92	2.96	85.03	
25/08/2024 03:45	19.11	5.3	111.14	12.53	19.2	1.96	48.88	12.52	31.73	8.81	184.56	31.83	3.24	81.04	
25/08/2024 03:50	18.67	5.19	113.29	12.53	19.34	1.95	48.72	12.51	30.99	8.62	188.05	32.06	3.24	80.75	
25/08/2024 03:55	19	5.41	112.99	12.53	18.77	1.81	52.11	12.51	31.56	8.98	187.65	31.12	2.99	86.38	
25/08/2024 04:00	19.11	5.21	110.1	12.53	19.26	2	48.1	12.51	31.72	8.64	182.74	31.91	3.31	79.72	
25/08/2024 04:05	18.82	5.15	112.73	12.52	19.34	2.06	48.44	12.51	31.23	8.54	187.02	32.06	3.42	80.27	
25/08/2024 04:10	19.22	5.42	112.41	12.53	18.84	1.84	50.78	12.51	31.91	9	186.59	31.22	3.05	84.14	
25/08/2024 04:15	19.27	5.36	109.06	12.52	19.08	1.95	48.96	12.51	31.99	8.89	180.99	31.61	3.23	81.14	
25/08/2024 04:20	18.8	5.18	113.21	12.52	18.92	1.94	48.95	12.52	31.19	8.6	187.84	31.37	3.21	81.16	
25/08/2024 04:25	19.2	5.48	113.84	12.53	18.75	1.81	51.32	12.51	31.87	9.09	188.96	31.07	3.01	85.07	
25/08/2024 04:30	19.21	5.32	110.88	12.52	19.01	1.99	48.86	12.51	31.87	8.83	184	31.5	3.3	80.96	
25/08/2024 04:35	18.8	5.17	112.55	12.52	18.86	2	48.39	12.51	31.2	8.58	186.77	31.25	3.32	80.18	
25/08/2024 04:40	19.34	5.42	111.49	12.53	18.73	1.84	50.64	12.51	32.1	8.99	185.05	31.04	3.05	83.93	
25/08/2024 04:45	19.33	5.18	108.72	12.52	19.32	1.97	46.71	12.51	32.08	8.6	180.4	32.02	3.26	77.41	
25/08/2024 04:50	18.84	5.12	111.59	12.52	19.36	2	46.52	12.51	31.25	8.49	185.14	32.08	3.32	77.09	
25/08/2024 04:55	19.12	5.4	111.83	12.53	18.87	1.8	49.22	12.51	31.75	8.96	185.7	31.27	2.98	81.58	
25/08/2024 05:00	19.16	5.22	109.37	12.53	19.39	1.96	47.21	12.51	31.8	8.66	181.54	32.14	3.25	78.25	
25/08/2024 05:05	18.93	5.17	112.07	12.53	19.59	2	47.27	12.51	31.42	8.58	186.01	32.48	3.32	78.34	
25/08/2024 05:10	19.37	5.49	112.72	12.53	18.91	1.73	48.18	12.51	32.17	9.11	187.18	31.34	2.87	79.86	
25/08/2024 05:15	19.39	5.27	109.8	12.53	19.29	1.94	46.25	12.52	32.19	8.75	182.3	31.98	3.22	76.69	
25/08/2024 05:20	18.83	5.08	111.46	12.53	19.31	1.97	46.78	12.52	31.25	8.44	185.03	32.03	3.27	77.59	
25/08/2024 05:25	19.21	5.39	112.38	12.54	18.83	1.7	49.09	12.52	31.92	8.96	186.76	31.22	2.82	81.39	
25/08/2024 05:30	19.31	5.24	109.91	12.53	19.32	1.91	46.39	12.51	32.06	8.7	182.52	32.01	3.17	76.86	
25/08/2024 05:35	18.93	5.13	112.01	12.52	19.59	1.95	46.02	12.51	31.41	8.51	185.82	32.45	3.24	76.22	
25/08/2024 05:40	18.92	5.33	111.89	12.53	18.89	1.78	49.67	12.51	31.43	8.86	185.83	31.3	2.95	82.33	
25/08/2024 05:45	19.01	5.22	110.52	12.53	19.26	1.89	46.41	12.51	31.55	8.66	183.49	31.9	3.13	76.87	
25/08/2024 05:50	18.84	5.11	111.34	12.52	19.33	1.86	45.97	12.51	31.25	8.47	184.7	32.01	3.08	76.12	
25/08/2024 05:55	18.96	5.31	111.58	12.53	18.74	1.65	48.89	12.51	31.48	8.82	185.23	31.05	2.73	81	
25/08/2024 06:00	19.1	5.14	108.87	12.52	19.24	1.91	46.54	12.51	31.69	8.52	180.62	31.86	3.17	77.08	
25/08/2024 06:05	18.91	5.02	110.72	12.52	19.33	1.89	45.63	12.5	31.36	8.33	183.65	32	3.13	75.54	
25/08/2024 06:10	19.43	5.3	111.45	12.53	18.75	1.59	46.8	12.5	32.26	8.8	185.01	31.04	2.64	77.47	
25/08/2024 06:15	19.45	5.11	108.34	12.52	18.97	1.81	44.87	12.5	32.26	8.47	179.73	31.4	2.99	74.27	
25/08/2024 06:20	18.93	4.93	109.92	12.52	19.03	1.84	44.48	12.5	31.39	8.18	182.26	31.5	3.05	73.62	
25/08/2024 06:25	19.18	5.13	109.67	12.52	18.86	1.73	46.96	12.51	31.82	8.51	181.92	31.22	2.87	77.76	
25/08/2024 06:30	19.2	4.99	107.58	12.52	19.1	1.83	44.9	12.5	31.84	8.28	178.38	31.62	3.03	74.34	
25/08/2024 06:35	19	5.01	110.45	12.52	19.17	2	45.36	12.51	31.5	8.3	183.12	31.75	3.31	75.11	
25/08/2024 06:40	19.42	5.25	110.27	12.52	18.89	1.78	47.28	12.5	32.22	8.71	182.94	31.28	2.94	78.3	
25/08/2024 06:45	19.36	5.06	107.44	12.52	18.94	1.8	44.5	12.5	32.11	8.39	178.18	31.36	2.99	73.67	
25/08/2024 06:50	18.94	4.87	109.63	12.52	18.88	1.86	44.42	12.5	31.4	8.07	181.73	31.24	3.08	73.52	
25/08/2024 06:55	19.21	5.16	109.56	12.52	18.74	1.65	46.56	12.5	31.86	8.56	181.73	31.02	2.74	77.08	
25/08/2024 07:00	19.24	4.97	106.51	12.51	19.15	1.8	44.16	12.5	31.89	8.25	176.58	31.7	2.98	73.08	
25/08/2024 07:05	19.01	4.92	109.3	12.51	19.03	1.81	44.36	12.5	31.51	8.15	181.14	31.49	3	73.4	
25/08/2024 07:10	19.37	5.02	108.3	12.52	18.61	1.56	46.1	12.5	32.12	8.32	179.61	30.81	2.59	76.32	
25/08/2024 07:15	19.35	4.84	105.39	12.51	19.16	1.77	43.55	12.5	32.07	8.03	174.7	31.72	2.93	72.09	
25/08/2024 07:20	18.79	4.79	107.55	12.51	19.11	1.84	43.14	12.5	31.15	7.95	178.26	31.63	3.05	71.4	
25/08/2024 07:25	18.92	5.14	108.07	12.52	18.66	1.56	45.18	12.5	31.38	8.52	179.2	30.88	2.58	74.76	
25/08/2024 07:30	19.08	4.93	105.28	12.51	19.31	1.78	42.94	12.5	31.62	8.18	174.54	31.96	2.94	71.06	
25/08/2024 07:35	18.85	4.81	108.35	12.51	19.39	1.78	42.8	12.5	31.25	7.97	179.6	32.08	2.95	70.81	
25/08/2024 07:40	19.39	5.02	107.94	12.52	18.71	1.52	46.68	12.5	32.15	8.32	178.94	30.97	2.52	77.26	
25/08/2024 07:45	19.44	4.92	105.02	12.51	19.34	1.77	43.79	12.5	32.21	8.16	174.05	32.02	2.93	72.47	
25/08/2024 07:50	18.93	4.78	108.13	12.51	19.5	1.81	43.58	12.5	31.38	7.91	179.19	32.27	3	72.11	
25/08/2024 07:55	19.12	5.05	108.17	12.52	18.9	1.48	44.96	12.5	31.7	8.37	179.33	31.26	2.45	74.39	
25/08/2024 08:00	19.2	4.88	105.29	12.51	19.2	1.67	42.64	12.5	31.82	8.09	174.47	31.76	2.77	70.55	
25/08/2024 08:05	18.9	4.74	107.66	12.51	19.03	1.63	41.88	12.5	31.31	7.86	178.33	31.48	2.69	69.27	
25/08/2024 08:10	19.24	4.92	107.29	12.51	18.83	1.46	44.81	12.5	31.88	8.15	177.81	31.16	2.42	74.14	
25/08/2024 08:15	19.31	4.79	104.7	12.51	19.17	1.59	42.38	12.49	31.98	7.94	173.43	31.7	2.63	70.07	
25/08/2024 08:20	18.87	4.62	107.3	12.5	19.27	1.56	41.95	12.49	31.24	7.65	177.64	31.84	2.58	69.35	
25/08/2024 08:25	19.24	4.96	108.26	12.51	18.89	1.42	45.94	12.49	31.88	8.21	179.41	31.23	2.35	75.96	
25/08/2024 08:30	19.29	4.81	106.53	12.51	19.29	1.68									



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25/08/2024 09:55	19.07	4.63	105.31	12.49	18.91	1.31	46.39	12.48	31.53	7.66	174.1	31.2	2.17	76.55	
25/08/2024 10:00	19.19	4.48	103.31	12.49	19.25	1.33	42.84	12.47	31.71	7.4	170.71	31.75	2.19	70.66	
25/08/2024 10:05	19.1	4.42	105.33	12.48	19.41	1.33	42.81	12.47	31.55	7.29	173.95	32.01	2.19	70.62	
25/08/2024 10:10	19.34	4.57	104.36	12.49	18.91	1.22	45.53	12.47	31.98	7.55	172.55	31.2	2.02	75.12	
25/08/2024 10:15	19.4	4.43	102.22	12.49	19.24	1.4	43.94	12.48	32.05	7.32	168.94	31.74	2.32	72.5	
25/08/2024 10:20	18.98	4.54	107.51	12.49	19.28	1.52	44.27	12.48	31.36	7.5	177.63	31.82	2.5	73.05	
25/08/2024 10:25	19.05	4.72	106.7	12.49	18.77	1.34	47.49	12.48	31.5	7.8	176.44	30.98	2.21	78.39	
25/08/2024 10:30	19.18	4.64	104.44	12.49	19.19	1.47	45.3	12.48	31.71	7.67	172.63	31.68	2.42	74.77	
25/08/2024 10:35	18.88	4.55	107.54	12.49	19.53	1.77	44.88	12.48	31.2	7.52	177.78	32.24	2.92	74.08	
25/08/2024 10:40	19.19	4.91	108.47	12.5	18.53	1.15	47.77	12.48	31.74	8.12	179.43	30.59	1.89	78.87	
25/08/2024 10:45	19.15	4.69	105.99	12.49	18.95	1.44	45.57	12.48	31.66	7.76	175.26	31.3	2.38	75.25	
25/08/2024 10:50	18.77	4.52	107.93	12.49	19.03	1.5	46.05	12.48	31.02	7.48	178.39	31.43	2.48	76.04	
25/08/2024 10:55	19.02	4.9	109.17	12.5	18.81	1.33	48.36	12.48	31.45	8.1	180.55	31.05	2.2	79.83	
25/08/2024 11:00	19.01	4.72	107.2	12.49	19.1	1.37	45.74	12.47	31.42	7.81	177.18	31.51	2.26	75.45	
25/08/2024 11:05	18.74	4.64	109.2	12.49	19.31	1.47	45.83	12.47	30.95	7.66	180.38	31.86	2.42	75.6	
25/08/2024 11:10	18.91	4.83	108.22	12.49	18.74	1.24	47.98	12.47	31.26	7.99	178.89	30.92	2.05	79.16	
25/08/2024 11:15	18.95	4.64	105.94	12.49	18.89	1.37	46.64	12.47	31.31	7.67	175	31.16	2.27	76.93	
25/08/2024 11:20	18.72	4.51	108.23	12.48	18.59	1.42	47.31	12.47	30.91	7.44	178.69	30.67	2.35	78.03	
25/08/2024 11:25	19.25	4.79	108.14	12.49	18.86	1.46	48.68	12.47	31.8	7.92	178.67	31.11	2.41	80.31	
25/08/2024 11:30	19.31	4.65	105.73	12.48	19.22	1.55	45.79	12.47	31.89	7.68	174.64	31.71	2.55	75.52	
25/08/2024 11:35	18.76	4.56	108.99	12.49	19.75	1.95	44.84	12.47	30.98	7.54	180.04	32.58	3.22	73.97	
25/08/2024 11:40	19.2	4.94	109.83	12.49	18.85	1.31	47.97	12.47	31.74	8.17	181.54	31.09	2.15	79.13	
25/08/2024 11:45	19.22	4.82	105.9	12.49	19.33	1.71	47.16	12.48	31.76	7.97	174.98	31.9	2.82	77.84	
25/08/2024 11:50	18.83	4.56	108.67	12.49	19.81	2.2	47.3	12.48	31.12	7.53	179.59	32.71	3.64	78.09	
25/08/2024 11:55	19.03	4.91	109.69	12.5	18.85	1.44	48.73	12.48	31.48	8.11	181.43	31.13	2.38	80.47	
25/08/2024 12:00	19.11	4.7	106.77	12.49	19	1.43	45.82	12.48	31.61	7.78	176.54	31.36	2.35	75.65	
25/08/2024 12:05	18.72	4.55	109.12	12.49	19.19	1.66	45.61	12.48	30.97	7.53	180.46	31.67	2.74	75.29	
25/08/2024 12:10	19.4	5.02	109.84	12.5	18.89	1.41	48.39	12.49	32.11	8.3	181.79	31.21	2.34	79.96	
25/08/2024 12:15	19.37	4.73	105.6	12.5	18.87	1.33	46.52	12.49	32.05	7.83	174.77	31.2	2.19	76.88	
25/08/2024 12:20	18.74	4.59	108.85	12.5	18.81	1.33	46.25	12.49	31.03	7.6	180.22	31.1	2.2	76.45	
25/08/2024 12:25	19	4.7	108.09	12.51	18.46	1.3	49.82	12.5	31.49	7.78	179.09	30.54	2.15	82.41	
25/08/2024 12:30	19.02	4.49	105.55	12.51	19.23	1.54	46.66	12.5	31.51	7.44	174.85	31.81	2.56	77.21	
25/08/2024 12:35	18.61	4.6	110.27	12.51	19.47	1.53	46.7	12.5	30.83	7.62	182.65	32.21	2.53	77.27	
25/08/2024 12:40	19.14	4.96	110.89	12.52	18.64	1.23	49.86	12.5	31.74	8.23	183.85	30.84	2.04	82.53	
25/08/2024 12:45	19.27	4.81	108.21	12.51	19.55	1.84	48.27	12.51	31.94	7.96	179.36	32.37	3.05	79.95	
25/08/2024 12:50	18.75	4.71	111.05	12.51	19.89	2.03	49	12.51	31.09	7.8	184.09	32.96	3.37	81.19	
25/08/2024 12:55	18.77	4.94	110.73	12.52	18.95	1.46	50.75	12.51	31.14	8.19	183.71	31.39	2.43	84.05	
25/08/2024 13:00	18.9	4.74	108.75	12.52	19.16	1.26	46.99	12.5	31.34	7.86	180.35	31.7	2.09	77.76	
25/08/2024 13:05	18.74	4.61	111.24	12.52	19.45	1.22	46.38	12.5	31.06	7.65	184.44	32.19	2.02	76.74	
25/08/2024 13:10	19.2	5.03	111.97	12.52	19.03	1.25	48.83	12.5	31.84	8.35	185.69	31.49	2.08	80.8	
25/08/2024 13:15	19.35	4.91	109.66	12.51	19.56	1.67	46.88	12.5	32.07	8.15	181.8	32.37	2.76	77.57	
25/08/2024 13:20	18.77	4.72	111.77	12.51	20.3	2.09	46.19	12.5	31.11	7.82	185.23	33.61	3.47	76.47	
25/08/2024 13:25	19.38	5.05	112.18	12.52	18.53	1.07	49.74	12.5	32.14	8.37	186.05	30.65	1.77	82.31	
25/08/2024 13:30	19.32	4.82	108.68	12.51	19.29	1.27	47.72	12.5	32.02	7.99	180.13	31.91	2.11	78.95	
25/08/2024 13:35	18.66	4.56	113.14	12.5	19.05	0.92	47.69	12.5	30.88	7.54	187.24	31.5	1.53	78.87	
25/08/2024 13:40	19.2	4.85	112.82	12.5	18.78	1.09	52.46	12.48	31.78	8.03	186.77	31.01	1.8	86.65	
25/08/2024 13:45	19.2	4.74	109.09	12.49	18.88	1.26	50.62	12.47	31.74	7.83	180.38	31.13	2.07	83.45	
25/08/2024 13:50	18.68	4.49	113.47	12.47	19.16	1.5	50.25	12.47	30.78	7.41	187.01	31.58	2.47	82.83	
25/08/2024 13:55	19.11	4.73	112.93	12.46	18.13	0.89	52.72	12.44	31.47	7.79	186.05	29.8	1.47	86.67	
25/08/2024 14:00	19.04	4.54	109.63	12.45	18.57	0.99	50.93	12.43	31.33	7.48	180.42	30.49	1.63	83.62	
25/08/2024 14:05	18.42	4.43	113.09	12.44	17.97	0.61	51.34	12.43	30.26	7.27	185.78	29.48	1	84.24	
25/08/2024 14:10	19.15	4.87	113.79	12.44	18.06	0.77	52.42	12.42	31.47	8	187	29.61	1.26	85.92	
25/08/2024 14:15	19.15	4.83	111.52	12.44	18.76	1.33	49.97	12.42	31.46	7.93	183.18	30.75	2.18	81.9	
25/08/2024 14:20	18.52	4.75	114.49	12.44	18.69	1.39	49.25	12.42	30.41	7.81	188	30.63	2.28	80.72	
25/08/2024 14:25	18.84	4.96	113.98	12.44	18.48	1.19	51.07	12.43	30.95	8.16	187.26	30.31	1.96	83.77	
25/08/2024 14:30	18.89	4.87	109.74	12.44	19.09	1.56	49.03	12.43	31.04	8	180.31	31.33	2.56	80.47	
25/08/2024 14:35	18.51	4.77	114.15	12.45	19.33	1.63	48.75	12.43	30.43	7.84	187.68	31.73	2.67	80.03	
25/08/2024 14:40	19.15	5.16	114.28	12.46	18.3	1.41	53.1	12.44	31.52	8.49	188.14	30.08	2.32	87.26	
25/08/2024 14:45	19.12	4.99	111.94	12.46	18.77	1.46	51.09	12.45	31.48	8.21	184.28	30.87	2.41	84.04	
25/08/2024 14:50	18.48	4.89	114.35	12.47	18.58	1.11	50.92	12.45	30.47	8.06	188.49	30.55	1.83	83.73	
25/08/2024 14:55	18.85	5.37	116.32	12.47	18.52	1.4	52.96	12.46	31.09	8.86	191.87	30.5	2.31	87.21	
25/08/2024 15:00	18.92	5.12	113.45	12.47	18.89	1.63	49.9	12.46	31.2	8.45	187.1	31.13	2.68	82.22	
25/08/2024 15:05	18.45	4.72	114.05	12.48	18.91	1.86	49.53	12.46	30.45	7.79	188.18	31.15	3.07	81.61	
25/08/2024 15:10	18.7	5.04	114.39	12.48	18.36	1.46	53.52	12.47	30.87	8.32	188.84	30.27	2.41	88.25	
25/08/2024 15:15	18.83	4.87	112.1	12.48	18.66	1.47	49.84	12.47	31.06	8.03	184.97	30.75	2.43	82.14	
25/08/2024 15:20	18.38	4.81	114.53	12.48	18.72	1.47	49.48	12.46	30.34	7.94	189.02	30.84	2.42	81.52	
25/08/2024 15:25	18.79	5.01	113.29	12.48	18.08	1.41	54.73	12.47	31.02	8.27	187.07	29.81	2.33	90.25	
25/08/2024 15:30	18.9	4.86	110.29	12.48	18.68	1.95	51.43	12.48	31.2	8.03	182.09	30.83	3.22	84.87	
25/08/2024 15:35	18.47	4.8	114.28	12.48	19.06	2.19	51.8	12.48	30.51	7.92	188.74	31.46	3.61	85.49	
25/08/2024 15:40	18.85	5.12	114.08	12.49	17.86	1.24	54.68	12.47	31.14	8.46	188.5	29.46	2.05	90.21	
25/08/2024 15:45	18.84	4.95	111.77	12.48	18.01	1.43	50.85	12.48	31.13	8.18	184.63	29.72	2.37	83.9	
25/08/2024 15:50	18.42	4.87	113.84	12.49	17.42	1.17	50.53	12.47	30.45	8.06	188.18	28.73	1.93	83.34	
25/08/2024 15:55	18.49	5.19	114.41	12.5	17.28	1.02	54.62	12.48	30.59	8.58	189.28	28.52			



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25/08/2024 17:20	18.48	4.09	105.91	12.46	17.84	1.38	49.98	12.48	30.44	6.74	174.43	29.47	2.27	82.54	
25/08/2024 17:25	18.84	4.31	105.11	12.46	17.57	1.07	50.96	12.48	31.04	7.11	173.17	29	1.77	84.11	
25/08/2024 17:30	18.8	4.36	105.06	12.47	18.13	1.11	43.44	12.46	31.01	7.19	173.27	29.86	1.82	71.52	
25/08/2024 17:35	18.44	4.84	113.82	12.49	18.08	1	43.08	12.45	30.49	8	188.22	29.75	1.65	70.9	
25/08/2024 17:40	18.93	5.23	114.96	12.5	17.64	0.87	46.1	12.46	31.32	8.65	190.24	29.04	1.43	75.92	
25/08/2024 17:45	18.82	5.02	112.32	12.49	17.92	1.06	44.78	12.45	31.11	8.3	185.73	29.47	1.74	73.67	
25/08/2024 17:50	18.35	4.84	113.65	12.49	18.14	1.22	44.3	12.45	30.31	8	187.76	29.84	2.01	72.85	
25/08/2024 17:55	18.65	5.15	114.81	12.5	17.65	0.95	46.91	12.45	30.84	8.52	189.9	29.05	1.56	77.22	
25/08/2024 18:00	18.61	4.98	112.37	12.49	17.67	1.07	49.89	12.47	30.77	8.23	185.77	29.16	1.77	82.29	
25/08/2024 18:05	18.25	4.88	113.96	12.49	17.66	1	49.98	12.47	30.15	8.07	188.25	29.12	1.65	82.44	
25/08/2024 18:10	18.61	5.19	114.73	12.49	17.86	1.51	51.92	12.48	30.76	8.59	189.71	29.48	2.5	85.71	
25/08/2024 18:15	18.72	5.07	110.77	12.49	17.98	1.7	50.59	12.48	30.94	8.38	183.05	29.68	2.81	83.52	
25/08/2024 18:20	18.34	4.9	113.62	12.48	18.69	2.31	50.7	12.49	30.28	8.1	187.58	30.87	3.82	83.76	
25/08/2024 18:25	18.72	5.11	113.1	12.49	17.73	1.46	52.65	12.48	30.93	8.45	186.84	29.25	2.41	86.88	
25/08/2024 18:30	18.63	4.98	111.79	12.48	17.66	1.49	50.34	12.47	30.77	8.23	184.63	29.12	2.46	83.03	
25/08/2024 18:35	18.31	4.99	114.89	12.48	17.7	1.31	50.52	12.47	30.24	8.25	189.7	29.19	2.17	83.3	
25/08/2024 18:40	18.8	5.31	114.8	12.49	17.01	1.01	52.33	12.47	31.07	8.78	189.67	28.04	1.66	86.28	
25/08/2024 18:45	18.72	5.03	111.42	12.48	17.85	1.61	50.72	12.48	30.92	8.31	184.01	29.45	2.65	83.69	
25/08/2024 18:50	18.3	4.99	114.89	12.48	17.56	1.44	50.55	12.47	30.22	8.24	189.74	28.97	2.37	83.38	
25/08/2024 18:55	19	5.25	114.94	12.49	17.5	1.33	52.52	12.47	31.39	8.67	189.88	28.86	2.19	86.61	
25/08/2024 19:00	18.89	5.07	112.27	12.48	17.9	1.55	49.61	12.47	31.19	8.37	185.37	29.52	2.56	81.81	
25/08/2024 19:05	18.32	4.98	114.56	12.48	18.22	1.92	49.48	12.47	30.24	8.22	189.06	30.05	3.17	81.61	
25/08/2024 19:10	18.69	5.33	115.19	12.48	17.38	1.14	51.98	12.47	30.86	8.8	190.16	28.65	1.89	85.69	
25/08/2024 19:15	18.7	5.13	112.62	12.48	18.22	1.75	50.33	12.47	30.86	8.47	185.85	30.04	2.89	82.99	
25/08/2024 19:20	18.51	4.98	114.83	12.47	18.3	1.86	50.39	12.47	30.54	8.22	189.42	30.17	3.07	83.09	
25/08/2024 19:25	18.79	5.26	115.07	12.48	17.61	1.35	52.4	12.47	31.01	8.69	189.99	29.02	2.23	86.37	
25/08/2024 19:30	18.71	5.09	113.02	12.48	18.03	1.43	50.75	12.47	30.88	8.4	186.54	29.72	2.36	83.66	
25/08/2024 19:35	18.42	5.05	115.71	12.48	18.06	1.33	51	12.47	30.39	8.33	190.93	29.77	2.19	84.05	
25/08/2024 19:40	18.66	5.27	114.67	12.48	17.83	1.49	52.68	12.47	30.8	8.7	189.27	29.39	2.46	86.85	
25/08/2024 19:45	18.67	5.1	112.24	12.48	18.09	1.54	50.02	12.46	30.81	8.41	185.19	29.8	2.54	82.42	
25/08/2024 19:50	18.54	5.01	115.71	12.47	18.08	1.36	49.27	12.46	30.59	8.27	190.87	29.78	2.24	81.16	
25/08/2024 19:55	18.91	5.34	116.15	12.48	18.41	1.65	50.94	12.47	31.22	8.82	191.75	30.36	2.72	83.99	
25/08/2024 20:00	19.01	5.23	114.26	12.48	18.61	1.57	48.38	12.47	31.36	8.64	188.55	30.68	2.59	79.73	
25/08/2024 20:05	18.57	4.97	115.26	12.48	19.39	2.02	47.97	12.47	30.64	8.21	190.19	31.97	3.32	79.08	
25/08/2024 20:10	18.78	5.31	115.38	12.49	17.86	1.43	52.36	12.47	31.02	8.77	190.6	29.46	2.35	86.36	
25/08/2024 20:15	18.66	5.1	112.91	12.48	18.19	1.45	48.97	12.47	30.82	8.42	186.43	30	2.39	80.74	
25/08/2024 20:20	18.49	5.06	116.07	12.48	18	1.17	48.72	12.47	30.52	8.35	191.54	29.66	1.93	80.29	
25/08/2024 20:25	18.92	5.31	116.16	12.48	17.47	1.1	53.57	12.47	31.24	8.76	191.83	28.8	1.82	88.3	
25/08/2024 20:30	18.87	5.11	112.96	12.48	18.19	1.55	49.61	12.47	31.15	8.43	186.49	30.01	2.56	81.83	
25/08/2024 20:35	18.54	5.01	115.24	12.48	18.09	1.74	49.44	12.47	30.6	8.27	190.22	29.85	2.86	81.55	
25/08/2024 20:40	18.91	5.26	115.36	12.49	17.57	1.35	52.74	12.47	31.25	8.7	190.57	28.98	2.23	86.99	
25/08/2024 20:45	18.85	5.15	113.16	12.48	18.18	1.69	50.3	12.47	31.12	8.5	186.88	29.99	2.78	82.96	
25/08/2024 20:50	18.47	5.1	116.8	12.48	18	1.67	50.16	12.47	30.49	8.42	192.85	29.68	2.76	82.69	
25/08/2024 20:55	19.06	5.5	117.88	12.49	18.04	1.65	52.3	12.47	31.49	9.09	194.77	29.76	2.72	86.28	
25/08/2024 21:00	19.08	5.42	114.15	12.48	18.26	1.84	50.78	12.48	31.51	8.95	188.54	30.14	3.04	83.79	
25/08/2024 21:05	18.49	5.1	116	12.48	19.05	2.38	50.38	12.48	30.53	8.41	191.51	31.44	3.92	83.16	
25/08/2024 21:10	18.97	5.39	114.69	12.48	18.28	1.6	51.19	12.47	31.33	8.9	189.41	30.15	2.63	84.42	
25/08/2024 21:15	18.98	5.21	112.23	12.48	18.86	1.67	48.33	12.47	31.33	8.59	185.25	31.09	2.75	79.66	
25/08/2024 21:20	18.56	4.88	113.69	12.47	19.06	1.83	47.78	12.47	30.62	8.04	187.5	31.42	3.01	78.74	
25/08/2024 21:25	18.76	5.21	113.39	12.48	18.08	1.25	51.53	12.46	30.95	8.6	187.07	29.78	2.06	84.9	
25/08/2024 21:30	18.75	5.05	111.31	12.47	18.4	1.25	48.28	12.46	30.93	8.32	183.56	30.31	2.05	79.51	
25/08/2024 21:35	18.46	4.9	113.65	12.47	18.25	1.2	47.41	12.46	30.45	8.08	187.43	30.05	1.98	78.05	
25/08/2024 21:40	18.7	5.16	113.24	12.48	18.12	1.32	51.96	12.47	30.88	8.53	187	29.86	2.18	85.65	
25/08/2024 21:45	18.83	5.02	110.86	12.48	19.06	1.79	49.13	12.47	31.08	8.29	182.98	31.41	2.95	80.97	
25/08/2024 21:50	18.51	4.92	113.94	12.47	19.42	1.84	48.89	12.47	30.52	8.12	187.9	32.01	3.04	80.57	
25/08/2024 21:55	18.67	5.24	113.51	12.48	18.61	1.5	50.52	12.46	30.81	8.65	187.35	30.66	2.46	83.23	
25/08/2024 22:00	18.75	5.07	110.12	12.47	18.56	1.41	48.13	12.46	30.93	8.36	181.65	30.57	2.32	79.26	
25/08/2024 22:05	18.58	4.9	113.84	12.47	18.03	1.02	48.06	12.45	30.63	8.08	187.67	29.68	1.67	79.11	
25/08/2024 22:10	19.09	5.22	113.05	12.47	18.55	1.53	49.95	12.46	31.49	8.6	186.48	30.56	2.52	82.29	
25/08/2024 22:15	18.99	5.11	112.1	12.47	18.39	1.43	48.16	12.46	31.32	8.43	184.88	30.3	2.36	79.35	
25/08/2024 22:20	18.52	4.94	114.45	12.47	18.44	1.7	48.16	12.47	30.53	8.14	188.74	30.39	2.81	79.38	
25/08/2024 22:25	19.1	5.29	113.83	12.48	18.12	1.34	50.92	12.46	31.52	8.72	187.83	29.86	2.21	83.89	
25/08/2024 22:30	19.06	5.13	111.55	12.47	18.69	1.71	48.27	12.46	31.43	8.46	183.98	30.79	2.82	79.5	
25/08/2024 22:35	18.33	4.88	114.18	12.47	18.77	1.81	48.34	12.46	30.22	8.04	188.2	30.91	2.99	79.63	
25/08/2024 22:40	18.45	5.49	116.05	12.47	18.47	1.61	50.7	12.46	30.41	9.05	191.32	30.42	2.66	83.47	
25/08/2024 22:45	18.53	5.33	112.28	12.47	18.47	1.55	49.34	12.45	30.54	8.78	185.05	30.4	2.55	81.21	
25/08/2024 22:50	18.47	4.97	114.85	12.46	18.36	1.49	49.77	12.45	30.43	8.19	189.22	30.21	2.44	81.88	
25/08/2024 22:55	18.72	5.33	115.05	12.46	18.46	1.6	52.09	12.46	30.84	8.77	189.58	30.4	2.63	85.75	
25/08/2024 23:00	18.88	5.21	110.51	12.46	18.69	1.91	49.57	12.45	31.09	8.59	182.03	30.76	3.15	81.56	
25/08/2024 23:05	18.45	4.99	114.62	12.46	19.09	2.28	49.42	12.45	30.39	8.22	188.77	31.42	3.76	81.33	
25/08/2024 23:10	18.81	5.24	114.81	12.46	18.15	1.5	52.04	12.45	30.99	8.63	189.14	29.86	2.47	85.65	
25/08/2024 23:15	18.89	5.06	111.91	12.46	18.88	1.73	50.21	12.45	31.1	8.33	184.27	31.07	2.85	82.63	
25/08/2024 23:20	18.51	4.92</													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
26/08/2024 00:45	18.79	5.15	111.66	12.45	18.81	1.74	49.38	12.44	30.9	8.47	183.64	30.9	2.86	81.09	
26/08/2024 00:50	18.59	4.91	113.69	12.44	18.92	1.99	49.09	12.44	30.54	8.06	186.8	31.07	3.26	80.62	
26/08/2024 00:55	18.96	5.31	114.57	12.44	18.49	1.68	52.5	12.43	31.17	8.72	188.32	30.35	2.77	86.2	
26/08/2024 01:00	18.93	5.15	112.11	12.44	18.88	1.76	49.25	12.43	31.1	8.46	184.24	30.99	2.88	80.85	
26/08/2024 01:05	18.46	5.02	114.7	12.44	18.98	1.8	49.17	12.43	30.35	8.26	188.54	31.16	2.95	80.71	
26/08/2024 01:10	18.66	5.27	114.4	12.45	18.59	1.73	54.23	12.44	30.7	8.67	188.25	30.54	2.85	89.08	
26/08/2024 01:15	18.77	5.12	112.01	12.45	19.09	1.88	50.33	12.44	30.88	8.42	184.23	31.36	3.1	82.7	
26/08/2024 01:20	18.54	5.06	114.51	12.45	19.34	1.89	50.45	12.44	30.48	8.32	188.26	31.78	3.11	82.9	
26/08/2024 01:25	18.93	5.27	114.27	12.45	18.62	1.65	52.54	12.44	31.13	8.67	187.96	30.58	2.71	86.3	
26/08/2024 01:30	18.94	5.11	111.52	12.45	18.67	1.75	50.22	12.44	31.15	8.4	183.38	30.67	2.87	82.49	
26/08/2024 01:35	18.6	5.1	114.74	12.45	18.59	1.81	50.2	12.43	30.58	8.38	188.64	30.53	2.98	82.43	
26/08/2024 01:40	18.87	5.32	114.13	12.45	18.45	1.54	52.01	12.43	31.03	8.75	187.7	30.3	2.52	85.4	
26/08/2024 01:45	18.96	5.17	111.96	12.44	19.13	1.9	49.71	12.43	31.17	8.5	184.04	31.41	3.12	81.62	
26/08/2024 01:50	18.63	5.12	114.58	12.44	19.39	1.84	49.66	12.43	30.61	8.42	188.24	31.83	3.03	81.52	
26/08/2024 01:55	18.86	5.46	115.37	12.45	18.56	1.64	52.58	12.43	31	8.98	189.68	30.46	2.69	86.29	
26/08/2024 02:00	18.94	5.35	113.04	12.44	19.05	1.81	50.17	12.43	31.13	8.79	185.76	31.26	2.98	82.32	
26/08/2024 02:05	18.64	5.19	115.79	12.44	19.2	1.86	50.66	12.43	30.62	8.52	190.24	31.51	3.05	83.13	
26/08/2024 02:10	19.05	5.54	115.42	12.45	18.53	1.59	52.25	12.43	31.32	9.1	189.79	30.42	2.61	85.78	
26/08/2024 02:15	19.08	5.26	110.9	12.44	18.87	1.72	49.52	12.43	31.35	8.64	182.28	30.99	2.82	81.3	
26/08/2024 02:20	18.62	5.02	113.39	12.44	18.97	1.72	49.83	12.44	30.6	8.26	186.37	31.15	2.82	81.83	
26/08/2024 02:25	18.77	5.38	114.22	12.45	18.57	1.66	51.99	12.44	30.88	8.85	187.86	30.5	2.72	85.38	
26/08/2024 02:30	18.9	5.28	113.39	12.45	18.67	1.7	50.13	12.43	31.08	8.68	186.43	30.65	2.79	82.31	
26/08/2024 02:35	18.72	5.15	114.48	12.44	18.47	1.56	49.77	12.43	30.76	8.47	188.18	30.32	2.57	81.7	
26/08/2024 02:40	19.04	5.45	115.11	12.45	18.26	1.48	50.71	12.43	31.32	8.96	189.32	29.97	2.43	83.26	
26/08/2024 02:45	19.08	5.28	111.92	12.45	19.28	2.17	49.49	12.44	31.36	8.68	184.01	31.68	3.56	81.32	
26/08/2024 02:50	18.7	5.1	113.81	12.45	19.86	2.44	49.25	12.44	30.74	8.38	187.11	32.64	4.01	80.95	
26/08/2024 02:55	19.22	5.48	114.55	12.45	18.96	1.89	52.28	12.44	31.62	9.02	188.48	31.14	3.11	85.89	
26/08/2024 03:00	19.25	5.38	112.31	12.45	18.9	1.86	49.28	12.44	31.67	8.86	184.73	31.04	3.05	80.93	
26/08/2024 03:05	18.74	5	112.29	12.44	19	2	49.23	12.44	30.81	8.22	184.59	31.2	3.29	80.85	
26/08/2024 03:10	19.07	5.32	113.72	12.45	18.61	1.76	51.97	12.44	31.39	8.76	187.12	30.56	2.88	85.36	
26/08/2024 03:15	19.03	5.15	111.57	12.45	18.78	1.69	49.55	12.43	31.3	8.46	183.5	30.83	2.77	81.33	
26/08/2024 03:20	18.56	5.06	113.96	12.44	18.86	1.64	50.05	12.43	30.5	8.32	187.26	30.95	2.69	82.14	
26/08/2024 03:25	18.86	5.39	114.72	12.45	18.56	1.62	53.08	12.43	31.02	8.87	188.71	30.47	2.66	87.15	
26/08/2024 03:30	18.93	5.23	112.29	12.44	18.8	1.83	50.25	12.43	31.1	8.6	184.5	30.85	3.01	82.45	
26/08/2024 03:35	18.64	5.16	114.69	12.42	18.77	1.88	50.77	12.43	30.58	8.47	188.1	30.78	3.08	83.28	
26/08/2024 03:40	18.92	5.36	114.42	12.43	18.43	1.75	53.05	12.41	31.04	8.8	187.7	30.19	2.86	86.9	
26/08/2024 03:45	18.98	5.19	111.53	12.42	18.93	1.91	49.83	12.41	31.11	8.52	182.89	30.99	3.13	81.59	
26/08/2024 03:50	18.56	5.19	115.01	12.42	18.88	1.92	50.27	12.41	30.42	8.5	188.5	30.91	3.15	82.32	
26/08/2024 03:55	19.23	5.6	116.29	12.42	18.31	1.53	53.02	12.41	31.53	9.18	190.7	29.97	2.5	86.77	
26/08/2024 04:00	19.3	5.44	113.45	12.42	18.8	1.75	49.4	12.4	31.63	8.92	185.95	30.75	2.86	80.81	
26/08/2024 04:05	18.74	5.23	114.91	12.42	18.97	1.84	49.28	12.4	30.71	8.57	188.28	31.03	3.02	80.62	
26/08/2024 04:10	19.06	5.46	115.24	12.42	18.48	1.68	52.28	12.4	31.23	8.95	188.83	30.24	2.75	85.54	
26/08/2024 04:15	19.13	5.32	112.4	12.41	18.73	1.83	50.35	12.4	31.33	8.71	184.11	30.64	3	82.37	
26/08/2024 04:20	18.79	5.21	114.67	12.41	18.83	1.8	49.92	12.4	30.76	8.53	187.76	30.8	2.94	81.65	
26/08/2024 04:25	18.95	5.49	114.44	12.42	18.38	1.62	52.92	12.4	31.04	8.99	187.49	30.07	2.65	86.57	
26/08/2024 04:30	18.97	5.32	112.14	12.41	18.62	1.73	50.04	12.4	31.07	8.71	183.66	30.44	2.83	81.81	
26/08/2024 04:35	18.73	5.23	114.96	12.41	18.34	1.66	50.27	12.4	30.66	8.57	188.24	29.98	2.71	82.15	
26/08/2024 04:40	19.03	5.54	114.91	12.42	18.16	1.47	52.6	12.4	31.18	9.07	188.29	29.7	2.4	86.01	
26/08/2024 04:45	19.08	5.43	111.25	12.41	18.86	1.77	50.13	12.4	31.25	8.9	182.19	30.84	2.9	81.96	
26/08/2024 04:50	18.77	5.23	115.13	12.41	18.75	1.67	49.95	12.4	30.72	8.56	188.43	30.64	2.73	81.64	
26/08/2024 04:55	18.95	5.47	115.22	12.41	18.26	1.42	52.52	12.39	31.04	8.96	188.73	29.84	2.33	85.84	
26/08/2024 05:00	18.95	5.32	112.64	12.41	18.84	1.82	50.08	12.4	31.03	8.71	184.43	30.8	2.98	81.86	
26/08/2024 05:05	18.75	5.25	115.05	12.41	18.81	1.81	49.91	12.4	30.7	8.59	188.32	30.75	2.96	81.57	
26/08/2024 05:10	18.91	5.48	115.86	12.42	18.49	1.72	53.23	12.4	30.99	8.98	189.82	30.24	2.81	87.05	
26/08/2024 05:15	18.96	5.32	112.87	12.41	18.74	1.82	49.49	12.4	31.05	8.71	184.83	30.65	2.97	80.94	
26/08/2024 05:20	18.84	5.17	114.66	12.41	18.44	1.81	49.81	12.4	30.84	8.47	187.64	30.16	2.97	81.47	
26/08/2024 05:25	18.85	5.52	116.01	12.42	18.32	1.75	52.87	12.4	30.87	9.04	190.04	29.97	2.86	86.48	
26/08/2024 05:30	18.95	5.34	112.78	12.41	18.79	1.95	50.78	12.4	31.04	8.75	184.7	30.73	3.18	83.04	
26/08/2024 05:35	18.84	5.32	115.7	12.41	18.97	1.95	50.27	12.4	30.84	8.72	189.41	31.01	3.19	82.18	
26/08/2024 05:40	18.94	5.64	117.13	12.42	18.41	1.71	50.97	12.4	31.04	9.23	191.9	30.11	2.79	83.35	
26/08/2024 05:45	18.96	5.42	114.13	12.41	18.76	1.97	51.63	12.4	31.04	8.87	186.89	30.66	3.22	84.42	
26/08/2024 05:50	18.71	5.39	116.39	12.41	18.8	2	52.33	12.4	30.61	8.82	190.47	30.73	3.27	85.54	
26/08/2024 05:55	19.17	5.68	116.29	12.41	18.24	1.77	55.08	12.4	31.4	9.31	190.45	29.82	2.9	90.07	
26/08/2024 06:00	19.12	5.53	114.07	12.41	18.58	2.01	52.01	12.4	31.29	9.06	186.71	30.37	3.28	85.03	
26/08/2024 06:05	18.73	5.46	117.4	12.41	18.63	2.03	51.39	12.39	30.65	8.94	192.11	30.43	3.32	83.98	
26/08/2024 06:10	19.01	5.73	116.71	12.41	18.29	1.74	55.81	12.4	31.11	9.39	191.04	29.9	2.85	91.24	
26/08/2024 06:15	19.03	5.61	112.92	12.41	18.49	1.85	52.27	12.4	31.14	9.19	184.81	30.23	3.02	85.48	
26/08/2024 06:20	18.63	5.43	117.07	12.41	18.06	1.5	51.34	12.4	30.51	8.89	191.7	29.52	2.45	83.92	
26/08/2024 06:25	18.89	5.7	116.93	12.42	18.34	1.79	55.35	12.4	30.94	9.33	191.58	29.99	2.93	90.51	
26/08/2024 06:30	18.96	5.52	114.81	12.41	18.65	2.01	52.9	12.4	31.06	9.05	188.05	30.51	3.28	86.53	
26/08/2024 06:35	18.77	5.57	118.15	12.41	18.53	2.05	52.52	12.4	30.74	9.12	193.44	30.31	3.35	85.89	
26/08/2024 06:40	18.75	5.88	118.64	12.41	18.32	1.87	54.64	12.4	30.7	9.63	194.29	29.96	3.05	89.37	
26/08/2024 06:45	18.84	5.72	116.1	12.41	18.61	2	52.73	12.39	30.83	9.36	190.04	30.41	3.26		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
26/08/2024 08:10	19.26	5.42	115.09	12.41	18.4	1.44	52.86	12.4	31.55	8.88	188.49	30.08	2.35	86.45	
26/08/2024 08:15	19.26	5.24	112.54	12.41	18.86	1.71	50.99	12.4	31.53	8.57	184.26	30.84	2.79	83.41	
26/08/2024 08:20	18.85	5.12	115.04	12.41	19.06	1.81	51.31	12.4	30.85	8.37	188.31	31.18	2.97	83.94	
26/08/2024 08:25	19.3	5.42	114.98	12.42	18.59	1.66	54.12	12.4	31.62	8.88	188.35	30.42	2.71	88.55	
26/08/2024 08:30	19.33	5.35	111.19	12.41	18.86	1.72	51.39	12.4	31.66	8.76	182.11	30.85	2.81	84.06	
26/08/2024 08:35	18.97	5.11	115.13	12.41	19	1.92	50.7	12.4	31.06	8.37	188.49	31.08	3.14	82.93	
26/08/2024 08:40	19.13	5.5	116.34	12.42	18.49	1.64	53.43	12.4	31.34	9.01	190.62	30.26	2.68	87.42	
26/08/2024 08:45	19.15	5.31	113.84	12.41	18.93	1.9	52.24	12.41	31.37	8.7	186.47	30.97	3.1	85.49	
26/08/2024 08:50	18.76	5.1	115.34	12.41	19.22	2.02	51.58	12.4	30.72	8.34	188.83	31.45	3.3	84.39	
26/08/2024 08:55	19.08	5.41	115.69	12.41	18.53	1.66	54.54	12.4	31.25	8.86	189.51	30.31	2.71	89.22	
26/08/2024 09:00	19.12	5.26	113.11	12.41	18.65	1.63	50.88	12.4	31.3	8.61	185.18	30.49	2.66	83.2	
26/08/2024 09:05	18.77	5.08	115.8	12.41	18.86	1.77	50.3	12.4	30.72	8.31	189.52	30.84	2.89	82.25	
26/08/2024 09:10	18.92	5.48	116.09	12.41	18.49	1.67	55.08	12.4	30.99	8.98	190.15	30.24	2.73	90.11	
26/08/2024 09:15	19.01	5.37	114.89	12.41	18.57	1.69	52.84	12.4	31.12	8.79	188.14	30.38	2.76	86.44	
26/08/2024 09:20	18.73	5.16	116.34	12.41	18.5	1.72	53.77	12.4	30.68	8.46	190.54	30.27	2.81	87.97	
26/08/2024 09:25	18.96	5.44	116.68	12.42	18.38	1.61	54.49	12.4	31.06	8.92	191.16	30.08	2.64	89.16	
26/08/2024 09:30	18.91	5.21	113.85	12.41	18.31	1.6	52.67	12.4	30.97	8.54	186.46	29.96	2.62	86.18	
26/08/2024 09:35	18.72	5.15	115.95	12.42	18.13	1.45	52.77	12.4	30.66	8.44	189.96	29.65	2.38	86.32	
26/08/2024 09:40	19.14	5.34	114.11	12.42	18.08	1.37	53.62	12.41	31.39	8.75	187.08	29.59	2.24	87.76	
26/08/2024 09:45	19.15	5.22	111.9	12.42	18.54	1.64	51.42	12.41	31.39	8.56	183.4	30.37	2.68	84.2	
26/08/2024 09:50	18.67	4.98	114.01	12.42	18.78	1.8	51.23	12.41	30.59	8.17	186.81	30.76	2.94	83.91	
26/08/2024 09:55	19.21	5.34	114.13	12.42	17.89	1.26	54.27	12.41	31.5	8.75	187.11	29.29	2.06	88.84	
26/08/2024 10:00	19.16	5.16	111.95	12.42	18.86	1.7	51.38	12.41	31.4	8.46	183.45	30.88	2.79	84.11	
26/08/2024 10:05	18.79	5.06	113.84	12.41	18.95	1.64	51.13	12.41	30.79	8.28	186.49	31.02	2.69	83.68	
26/08/2024 10:10	19.25	5.33	113.29	12.42	18.63	1.63	53.62	12.41	31.54	8.73	185.63	30.48	2.66	87.75	
26/08/2024 10:15	19.28	5.19	111.51	12.41	18.84	1.63	50.47	12.41	31.59	8.5	182.65	30.83	2.68	82.6	
26/08/2024 10:20	18.68	4.82	111.83	12.41	19.25	1.89	50.81	12.41	30.59	7.89	183.14	31.51	3.1	83.19	
26/08/2024 10:25	19.18	4.97	111.8	12.42	18.5	1.48	53.41	12.41	31.44	8.15	183.32	30.28	2.42	87.41	
26/08/2024 10:30	19.11	4.85	109.65	12.42	18.65	1.49	50.39	12.4	31.31	7.94	179.69	30.52	2.44	82.44	
26/08/2024 10:35	18.73	4.97	113.71	12.41	18.72	1.56	50.02	12.4	30.66	8.13	186.15	30.62	2.56	81.82	
26/08/2024 10:40	19.19	5.23	113.01	12.42	18.38	1.46	53.07	12.4	31.45	8.58	185.2	30.07	2.39	86.83	
26/08/2024 10:45	19.18	5.08	110.97	12.42	18.81	1.64	50.96	12.41	31.43	8.32	181.8	30.78	2.69	83.4	
26/08/2024 10:50	18.73	5.09	115.2	12.42	18.97	1.75	50.66	12.41	30.69	8.34	188.75	31.04	2.87	82.9	
26/08/2024 10:55	18.83	5.33	115.18	12.42	18.37	1.41	53.2	12.41	30.87	8.73	188.88	30.06	2.31	87.09	
26/08/2024 11:00	18.86	5.17	112.7	12.42	18.83	1.7	51.23	12.41	30.91	8.47	184.71	30.84	2.78	83.88	
26/08/2024 11:05	18.63	4.93	114.08	12.41	18.73	1.78	50.72	12.41	30.51	8.08	186.82	30.67	2.92	83.03	
26/08/2024 11:10	19.09	5.2	114.12	12.42	18.5	1.49	52.5	12.41	31.28	8.53	187.01	30.27	2.43	85.9	
26/08/2024 11:15	19.09	5.02	112.08	12.41	18.26	1.09	51.47	12.4	31.25	8.23	183.54	29.84	1.78	84.12	
26/08/2024 11:20	18.75	4.71	114.23	12.4	18.28	1.22	52.05	12.39	30.66	7.7	186.75	29.87	1.99	85.05	
26/08/2024 11:25	18.78	5.07	114.33	12.4	18.25	1.05	52.54	12.38	30.72	8.3	186.98	29.78	1.71	85.76	
26/08/2024 11:30	19	4.92	111.05	12.39	18.52	1.24	51.52	12.38	31.04	8.04	181.46	30.2	2.02	84.02	
26/08/2024 11:35	18.73	4.54	113.58	12.37	19.13	1.69	51.53	12.38	30.54	7.4	185.16	31.19	2.75	84.04	
26/08/2024 11:40	19.08	4.79	113.25	12.37	18.74	1.38	54.02	12.36	31.1	7.81	184.63	30.52	2.26	87.98	
26/08/2024 11:45	19.19	4.67	110.55	12.37	18.59	1.32	51.06	12.35	31.26	7.61	180.06	30.22	2.14	83.01	
26/08/2024 11:50	18.67	4.22	110.98	12.34	18.84	1.56	51.94	12.35	30.33	6.85	180.27	30.63	2.54	84.42	
26/08/2024 11:55	18.97	4.61	111.11	12.35	18.56	1.23	52.99	12.34	30.83	7.5	180.57	30.13	2	86.02	
26/08/2024 12:00	19.02	4.41	107.17	12.34	18.16	0.9	50.7	12.32	30.88	7.16	174.03	29.43	1.47	82.19	
26/08/2024 12:05	18.75	4.19	112.1	12.32	18.36	0.92	50.31	12.32	30.39	6.79	181.69	29.75	1.49	81.54	
26/08/2024 12:10	18.9	4.56	113.25	12.33	17.73	0.71	53.02	12.31	30.65	7.4	183.7	28.71	1.14	85.83	
26/08/2024 12:15	18.96	4.48	109.47	12.32	18.16	1.01	50.97	12.31	30.73	7.26	177.45	29.37	1.63	82.44	
26/08/2024 12:20	18.69	4.39	113.45	12.31	18.08	0.94	50.81	12.3	30.24	7.1	183.56	29.23	1.52	82.16	
26/08/2024 12:25	19.22	4.59	112.82	12.31	18.02	1.08	55.68	12.3	31.09	7.43	182.56	29.13	1.74	90	
26/08/2024 12:30	19.16	4.49	109.64	12.31	17.85	0.87	53.47	12.3	31	7.27	177.34	28.84	1.4	86.39	
26/08/2024 12:35	18.65	4.38	112.35	12.3	17.63	0.64	54.08	12.29	30.16	7.08	181.67	28.47	1.04	87.34	
26/08/2024 12:40	18.97	4.8	112.57	12.32	17.86	1.05	55.44	12.3	30.72	7.77	182.27	28.88	1.69	89.63	
26/08/2024 12:45	19	4.68	108.75	12.31	17.97	0.98	50.97	12.3	30.75	7.57	176.04	29.05	1.59	82.39	
26/08/2024 12:50	18.66	4.34	111.84	12.31	17.77	0.81	50.28	12.3	30.2	7.02	180.96	28.7	1.31	81.24	
26/08/2024 12:55	18.79	4.63	111.12	12.32	18.24	1.23	54.03	12.3	30.44	7.5	179.96	29.48	1.99	87.36	
26/08/2024 13:00	18.96	4.55	108.99	12.31	18.25	1.09	53.02	12.3	30.68	7.36	176.41	29.49	1.75	85.68	
26/08/2024 13:05	18.92	4.23	111.23	12.3	18.23	1.11	53.17	12.3	30.57	6.83	179.73	29.46	1.79	85.91	
26/08/2024 13:10	19.06	4.62	112.61	12.3	18.17	0.96	54.5	12.29	30.79	7.46	181.97	29.32	1.56	87.96	
26/08/2024 13:15	19.06	4.47	108.69	12.29	18.21	0.94	52.53	12.28	30.78	7.22	175.56	29.37	1.51	84.7	
26/08/2024 13:20	18.53	4.15	112.79	12.28	18.19	0.97	52.55	12.28	29.9	6.7	181.95	29.33	1.56	84.75	
26/08/2024 13:25	18.98	4.5	112.91	12.29	18.02	1.01	56.34	12.28	30.63	7.27	182.2	29.04	1.62	90.83	
26/08/2024 13:30	19.03	4.47	110.45	12.28	18.09	0.99	52.83	12.27	30.7	7.21	178.17	29.14	1.6	85.11	
26/08/2024 13:35	18.63	4.31	111.91	12.28	17.88	0.83	52.89	12.27	30.03	6.95	180.44	28.79	1.33	85.19	
26/08/2024 13:40	18.96	4.73	112.39	12.29	17.86	0.9	53.7	12.28	30.62	7.64	181.52	28.8	1.45	86.58	
26/08/2024 13:45	18.92	4.67	110.5	12.29	17.93	1.07	51.71	12.28	30.54	7.55	178.42	28.92	1.73	83.38	
26/08/2024 13:50	18.56	4.52	113.38	12.29	17.91	1.06	51.58	12.28	29.97	7.3	183.11	28.87	1.71	83.15	
26/08/2024 13:55	18.92	4.93	114.17	12.31	17.65	1.06	55.21	12.29	30.61	7.98	184.72	28.51	1.71	89.18	
26/08/2024 14:00	18.85	4.79	111.5	12.31	17.89	1.22	53.64	12.3	30.48	7.74	180.34	28.92	1.97	86.71	
26/08/2024 14:05	18.57	4.48	113.38	12.3	17.83	1.23	53.5	12.3	30.02	7.24	183.29	28.81	2	86.46	
26/08/2024 14:10	18.95	4.74	112.43	12.31	1										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
26/08/2024 15:35	18.31	4.37	115.18	12.3	17.28	0.64	54.77	12.29	29.61	7.07	186.24	27.91	1.04	88.45	
26/08/2024 15:40	18.53	4.72	115.19	12.31	17.5	1.01	56.82	12.3	29.99	7.65	186.44	28.3	1.63	91.88	
26/08/2024 15:45	18.55	4.6	112.22	12.31	17.72	1.18	54.78	12.31	30.03	7.45	181.65	28.67	1.91	88.66	
26/08/2024 15:50	18.29	4.75	115.28	12.32	17.58	1.06	54.58	12.31	29.64	7.7	186.83	28.45	1.72	88.34	
26/08/2024 15:55	18.61	5.08	115.73	12.33	17.54	1.23	57.37	12.32	30.19	8.25	187.79	28.42	2	92.96	
26/08/2024 16:00	18.6	4.8	111.53	12.33	17.75	1.23	54.15	12.32	30.18	7.78	180.95	28.77	2	87.77	
26/08/2024 16:05	18.39	4.48	113.34	12.33	17.61	1.23	53.88	12.32	29.83	7.27	183.84	28.53	2	87.3	
26/08/2024 16:10	18.55	4.83	113.73	12.33	17.58	1.04	55.91	12.32	30.11	7.83	184.55	28.49	1.68	90.58	
26/08/2024 16:15	18.73	4.82	111.49	12.33	17.75	1.16	54.74	12.32	30.37	7.81	180.8	28.74	1.88	88.64	
26/08/2024 16:20	18.56	4.58	115.3	12.32	17.72	1.17	54.3	12.31	30.06	7.42	186.73	28.68	1.9	87.89	
26/08/2024 16:25	18.86	4.86	115.39	12.32	17.95	1.23	56.83	12.31	30.56	7.88	186.97	29.07	1.99	92.01	
26/08/2024 16:30	18.9	4.84	113.8	12.32	17.7	0.95	54.99	12.3	30.6	7.83	184.27	28.62	1.53	88.92	
26/08/2024 16:35	18.57	4.58	116.18	12.3	17.86	1.05	55.77	12.3	30.02	7.41	187.84	28.88	1.69	90.17	
26/08/2024 16:40	18.77	4.85	114.84	12.3	17.83	1.11	58.24	12.29	30.36	7.84	185.72	28.79	1.8	94.08	
26/08/2024 16:45	18.87	4.83	113.14	12.3	17.73	1.03	56.66	12.29	30.49	7.81	182.86	28.62	1.66	91.44	
26/08/2024 16:50	18.27	4.6	116.98	12.29	17.75	1	56.52	12.29	29.49	7.43	188.87	28.64	1.61	91.2	
26/08/2024 16:55	18.74	5.02	117.6	12.3	17.48	1.08	58.29	12.29	30.28	8.12	189.99	28.21	1.75	94.09	
26/08/2024 17:00	18.74	4.97	114.17	12.3	17.77	1.18	56.76	12.29	30.27	8.04	184.45	28.69	1.9	91.64	
26/08/2024 17:05	18.15	4.42	114.48	12.29	17.92	1.17	56.83	12.29	29.28	7.14	184.72	28.94	1.89	91.77	
26/08/2024 17:10	18.67	4.48	110.76	12.28	17.34	1.04	57.98	12.3	30.11	7.22	178.6	28.02	1.68	93.7	
26/08/2024 17:15	18.56	4.3	108.17	12.28	17.73	1.33	56.33	12.31	29.94	6.93	174.47	28.69	2.15	91.16	
26/08/2024 17:20	18.29	4.32	111.97	12.29	17.39	0.94	56.08	12.31	29.54	6.98	180.82	28.13	1.52	90.72	
26/08/2024 17:25	18.54	4.65	111.46	12.3	17.48	1.37	58.5	12.33	29.98	7.52	180.24	28.34	2.22	94.82	
26/08/2024 17:30	18.54	4.5	109.85	12.31	18.12	1.84	57.81	12.34	29.99	7.28	177.69	29.43	2.99	93.86	
26/08/2024 17:35	18.29	4.43	112.97	12.32	18.11	1.61	58.48	12.34	29.62	7.17	182.94	29.4	2.61	94.96	
26/08/2024 17:40	18.95	4.97	113.52	12.34	17.43	1.31	58.12	12.34	30.79	8.07	184.43	28.31	2.13	94.39	
26/08/2024 17:45	18.85	4.94	112.75	12.35	17.64	1.33	50.12	12.33	30.63	8.04	183.26	28.59	2.16	81.26	
26/08/2024 17:50	18.39	5.25	118.86	12.36	17.17	0.97	50.45	12.32	29.95	8.54	193.55	27.83	1.57	81.77	
26/08/2024 17:55	19.01	5.65	119.2	12.37	17	0.93	51.75	12.33	31	9.21	194.32	27.58	1.5	83.98	
26/08/2024 18:00	18.89	5.44	116.44	12.37	17.88	1.22	48.44	12.34	30.78	8.87	189.76	29.03	1.98	78.63	
26/08/2024 18:05	18.26	5.23	119.25	12.37	17.72	1.06	47.64	12.34	29.77	8.53	194.41	28.76	1.73	77.34	
26/08/2024 18:10	19.05	5.54	118.67	12.38	18.16	1.5	55.47	12.37	31.09	9.05	193.7	29.58	2.44	90.37	
26/08/2024 18:15	18.62	5.4	115.95	12.38	17.26	1.54	57.64	12.37	30.37	8.82	189.17	28.12	2.52	93.92	
26/08/2024 18:20	17.51	5.44	119.02	12.38	16.92	1.66	59.09	12.37	28.56	8.88	194.11	27.57	2.7	96.26	
26/08/2024 18:25	18.12	5.74	117.52	12.38	17.07	1.78	60.36	12.38	29.58	9.37	191.83	27.85	2.9	98.46	
26/08/2024 18:30	18.31	5.59	115.6	12.39	17.22	1.56	56.43	12.38	29.9	9.12	188.72	28.1	2.55	92.09	
26/08/2024 18:35	18.31	5.34	118.26	12.4	17.52	1.75	56.23	12.38	29.94	8.73	193.33	28.59	2.86	91.79	
26/08/2024 18:40	18.62	5.7	118.7	12.41	17.84	2.01	59.51	12.4	30.47	9.33	194.27	29.16	3.29	97.28	
26/08/2024 18:45	18.62	5.45	115.42	12.41	17.94	1.75	55.48	12.4	30.46	8.92	188.86	29.32	2.87	90.71	
26/08/2024 18:50	18.21	5.51	119.97	12.41	18.28	1.88	55.25	12.4	29.8	9.02	196.31	29.9	3.07	90.37	
26/08/2024 18:55	18.55	5.76	119.89	12.41	18.05	1.85	58.16	12.4	30.37	9.43	196.28	29.52	3.03	95.12	
26/08/2024 19:00	18.64	5.54	117.64	12.41	18.23	2.06	56.43	12.41	30.51	9.06	192.54	29.82	3.37	92.35	
26/08/2024 19:05	18.43	5.49	119.78	12.41	18.23	2.14	57.23	12.41	30.16	8.98	196.01	29.85	3.51	93.68	
26/08/2024 19:10	18.79	5.87	120.35	12.41	18.08	1.95	58.71	12.4	30.75	9.62	197	29.58	3.18	96.06	
26/08/2024 19:15	18.76	5.59	117.5	12.4	17.84	1.69	56.74	12.4	30.68	9.15	192.23	29.17	2.76	92.77	
26/08/2024 19:20	18.43	5.39	120.14	12.4	17.8	1.53	56.59	12.4	30.14	8.81	196.47	29.09	2.5	92.5	
26/08/2024 19:25	18.67	5.68	120.87	12.4	17.57	1.4	60.26	12.39	30.54	9.3	197.73	28.69	2.29	98.42	
26/08/2024 19:30	18.65	5.54	118.38	12.4	18.06	1.65	56.08	12.39	30.48	9.05	193.55	29.48	2.69	91.55	
26/08/2024 19:35	18.16	5.21	119.68	12.39	17.94	1.72	55.75	12.38	29.66	8.51	195.41	29.28	2.81	91	
26/08/2024 19:40	18.47	5.71	121.07	12.4	17.74	1.57	58.01	12.38	30.19	9.33	197.86	28.95	2.57	94.67	
26/08/2024 19:45	18.52	5.58	118.44	12.39	17.88	1.87	56.75	12.38	30.27	9.11	193.52	29.19	3.04	92.63	
26/08/2024 19:50	18.17	5.3	119.84	12.39	17.58	1.81	56.67	12.38	29.69	8.66	195.77	28.69	2.96	92.49	
26/08/2024 19:55	18.7	5.51	118.7	12.39	17.64	1.58	58.55	12.39	30.57	9.01	193.99	28.8	2.58	95.6	
26/08/2024 20:00	18.75	5.38	116.65	12.39	18.27	1.84	56.42	12.39	30.64	8.79	190.62	29.85	3	92.2	
26/08/2024 20:05	18.25	5.47	120.43	12.4	18.61	1.99	56.31	12.39	29.84	8.94	196.92	30.41	3.24	92.02	
26/08/2024 20:10	18.84	5.83	121.17	12.4	17.63	1.62	59.12	12.39	30.83	9.53	198.27	28.8	2.65	96.62	
26/08/2024 20:15	18.7	5.64	118.72	12.4	18.34	1.95	56.77	12.4	30.59	9.23	194.2	29.98	3.19	92.82	
26/08/2024 20:20	18.36	5.52	120.73	12.4	18.25	1.7	56.89	12.4	30.03	9.04	197.51	29.83	2.79	93	
26/08/2024 20:25	18.61	5.93	122	12.41	17.69	1.37	56.94	12.4	30.47	9.71	199.79	28.92	2.24	93.07	
26/08/2024 20:30	18.57	5.67	118.91	12.41	18.09	1.73	55.35	12.4	30.39	9.28	194.67	29.59	2.84	90.55	
26/08/2024 20:35	18.35	5.47	120.16	12.41	17.52	1.31	55.13	12.4	30.04	8.96	196.77	28.64	2.15	90.13	
26/08/2024 20:40	18.69	5.79	119.76	12.42	18.27	1.81	57.16	12.41	30.63	9.49	196.3	29.92	2.97	93.57	
26/08/2024 20:45	18.7	5.47	115.85	12.42	18.09	1.66	54.79	12.41	30.63	8.96	189.81	29.62	2.73	89.7	
26/08/2024 20:50	18.46	5.33	118.22	12.42	17.78	1.34	54.7	12.41	30.24	8.73	193.71	29.1	2.2	89.52	
26/08/2024 20:55	19.03	5.61	118.14	12.43	17.69	1.54	58.1	12.41	31.21	9.21	193.78	28.97	2.53	95.15	
26/08/2024 21:00	19	5.55	116.56	12.42	18.39	2.13	55.29	12.42	31.15	9.1	191.15	30.14	3.49	90.61	
26/08/2024 21:05	18.42	5.56	120.61	12.42	18.88	2.5	55.2	12.42	30.19	9.11	197.69	30.95	4.1	90.51	
26/08/2024 21:10	18.8	5.78	120.12	12.42	18.03	1.71	56.82	12.41	30.83	9.48	197	29.54	2.8	93.07	
26/08/2024 21:15	18.82	5.57	117.17	12.42	18.36	1.96	55.55	12.42	30.86	9.13	192.11	30.08	3.21	91	
26/08/2024 21:20	18.39	5.56	120.15	12.42	18.19	1.72	55.25	12.41	30.14	9.11	196.94	29.79	2.82	90.48	
26/08/2024 21:25	18.95	5.9	120.63	12.43	17.86	1.7	57.65	12.41	31.07	9.68	197.86	29.26	2.79	94.43	
26/08/2024 21:30	18.96	5.78	117.11	12.42	18.49	2.08	55.34	12.42	31.08	9.48	192.02	30.3	3.4	90.68	
26/08/2024 21:35	18.37	5.61	121.18	12.42	18.72	2.41	55.97	12.42	30.11	9.19	198.64	30.68	3.95	91.74	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
26/08/2024 23:00	18.73	5.77	118.45	12.42	17.78	1.89	56.57	12.41	30.7	9.46	194.13	29.11	3.09	92.62	
26/08/2024 23:05	18.34	5.6	119.86	12.41	17.41	1.63	56.14	12.41	30.04	9.17	196.34	28.49	2.66	91.87	
26/08/2024 23:10	18.9	5.98	120.03	12.42	17.83	1.98	60.16	12.41	30.99	9.81	196.8	29.2	3.25	98.51	
26/08/2024 23:15	18.94	5.84	118.11	12.42	17.89	1.82	56.6	12.41	31.04	9.56	193.57	29.28	2.98	92.65	
26/08/2024 23:20	18.53	5.72	121.67	12.42	18.59	2.25	55.91	12.41	30.36	9.37	199.35	30.45	3.69	91.54	
26/08/2024 23:25	18.93	5.95	122.11	12.42	17.99	1.63	57.13	12.4	31.03	9.75	200.17	29.44	2.66	93.48	
26/08/2024 23:30	18.99	5.82	119.72	12.42	18.74	1.99	54.78	12.41	31.12	9.54	196.18	30.67	3.26	89.65	
26/08/2024 23:35	18.58	5.75	122.51	12.42	18.92	2.2	54.92	12.41	30.44	9.42	200.7	30.97	3.61	89.9	
26/08/2024 23:40	19.05	6	122.4	12.42	18.59	1.98	57.54	12.41	31.22	9.83	200.62	30.43	3.24	94.21	
26/08/2024 23:45	19.1	5.89	120.05	12.42	18.55	1.87	54.32	12.41	31.29	9.64	196.69	30.35	3.06	88.89	
26/08/2024 23:50	18.7	5.78	122.48	12.41	18.52	1.94	53.36	12.4	30.63	9.47	200.56	30.29	3.17	87.29	
26/08/2024 23:55	19.27	6.2	123.17	12.42	18.55	1.97	57.8	12.4	31.57	10.16	201.83	30.35	3.22	94.58	
27/08/2024 00:00	19.31	6.04	121.28	12.41	18.85	2.13	55.21	12.41	31.64	9.9	198.68	30.84	3.48	90.33	
27/08/2024 00:05	18.73	5.68	121.38	12.41	18.88	2.41	54.69	12.41	30.68	9.31	198.78	30.89	3.94	89.5	
27/08/2024 00:10	18.89	5.88	121.2	12.42	18.33	1.83	57.43	12.4	30.96	9.63	198.56	29.98	3	93.95	
27/08/2024 00:15	18.94	5.79	119.13	12.41	18.71	2.09	55.71	12.4	31.01	9.49	195.1	30.61	3.43	91.15	
27/08/2024 00:20	18.67	5.77	121.9	12.41	18.7	2.16	56.48	12.41	30.56	9.44	199.53	30.61	3.53	92.44	
27/08/2024 00:25	18.74	5.96	121.88	12.41	18.25	1.94	58.87	12.4	30.68	9.76	199.61	29.84	3.17	96.27	
27/08/2024 00:30	18.78	5.76	118.61	12.41	18.48	2.15	57.1	12.4	30.74	9.44	194.17	30.22	3.52	93.38	
27/08/2024 00:35	18.58	5.75	121.8	12.4	18.61	2.17	57.02	12.4	30.4	9.41	199.27	30.44	3.55	93.25	
27/08/2024 00:40	18.94	5.97	121.24	12.41	18.17	1.89	58.97	12.4	31.01	9.78	198.45	29.71	3.09	96.39	
27/08/2024 00:45	18.97	5.7	118.77	12.4	18.31	2.11	57.26	12.4	31.04	9.33	194.33	29.93	3.45	93.59	
27/08/2024 00:50	18.65	5.75	121.77	12.4	18.25	2.06	56.88	12.4	30.5	9.4	199.17	29.83	3.37	92.96	
27/08/2024 00:55	19.29	6.02	121.42	12.41	18.39	1.94	58.17	12.39	31.58	9.86	198.74	30.06	3.17	95.07	
27/08/2024 01:00	19.31	5.82	118.37	12.4	18.76	2.03	55.36	12.39	31.59	9.52	193.68	30.64	3.32	90.44	
27/08/2024 01:05	18.69	5.81	122.26	12.4	18.67	2.03	54.84	12.39	30.56	9.49	199.9	30.49	3.32	89.55	
27/08/2024 01:10	18.94	6.1	122.58	12.4	18.41	1.82	59.33	12.39	30.97	9.98	200.48	30.05	2.97	96.88	
27/08/2024 01:15	19.03	5.92	119.9	12.4	18.78	2.08	56.38	12.39	31.12	9.68	196.05	30.66	3.4	92.06	
27/08/2024 01:20	18.7	5.77	121.96	12.4	18.89	2.2	56.88	12.39	30.57	9.44	199.36	30.85	3.6	92.87	
27/08/2024 01:25	19.01	6.23	123.78	12.4	18.38	2.05	59.45	12.39	31.1	10.19	202.49	30.01	3.36	97.09	
27/08/2024 01:30	19.16	6.06	120.81	12.4	18.92	2.15	56.21	12.39	31.33	9.91	197.51	30.88	3.51	91.76	
27/08/2024 01:35	18.77	5.9	122.28	12.39	19.17	2.13	55.61	12.38	30.67	9.64	199.75	31.29	3.47	90.77	
27/08/2024 01:40	18.88	6.01	120.18	12.39	18.28	2.06	59.17	12.38	30.84	9.83	196.39	29.84	3.36	96.58	
27/08/2024 01:45	18.92	5.94	117.43	12.39	18.43	2.32	57.51	12.38	30.92	9.71	191.84	30.08	3.78	93.86	
27/08/2024 01:50	18.64	5.91	122.53	12.39	18.36	2.38	57.59	12.38	30.43	9.65	200.06	29.96	3.88	93.99	
27/08/2024 01:55	18.86	6.13	121.71	12.39	18.14	2.12	60.54	12.38	30.8	10.01	198.82	29.6	3.46	98.78	
27/08/2024 02:00	18.93	6.03	121.06	12.39	18.54	2.25	56.85	12.38	30.9	9.84	197.67	30.22	3.67	92.7	
27/08/2024 02:05	18.49	5.88	122	12.38	18.63	2.28	56.28	12.37	30.16	9.59	199.01	30.36	3.72	91.75	
27/08/2024 02:10	18.88	6.14	121.62	12.39	17.98	2.14	59.36	12.37	30.82	10.02	198.54	29.31	3.49	96.75	
27/08/2024 02:15	18.91	6.04	117.88	12.38	18.19	2.38	58.04	12.37	30.87	9.87	192.38	29.64	3.88	94.6	
27/08/2024 02:20	18.65	5.92	121.19	12.38	18.19	2.39	58.17	12.37	30.41	9.65	197.61	29.64	3.9	94.81	
27/08/2024 02:25	19.15	6.16	121.53	12.38	17.81	2.11	58.53	12.37	31.25	10.05	198.31	29.03	3.43	95.41	
27/08/2024 02:30	19.16	5.93	117.41	12.38	18.31	2.29	56.29	12.37	31.26	9.68	191.57	29.85	3.74	91.77	
27/08/2024 02:35	18.54	5.74	119.59	12.38	18.47	2.38	57	12.38	30.25	9.36	195.12	30.12	3.88	92.96	
27/08/2024 02:40	18.79	6.09	119.52	12.38	18	2.2	58.37	12.37	30.68	9.94	195.11	29.34	3.59	95.15	
27/08/2024 02:45	18.83	5.95	117.39	12.38	18.2	2.4	57.8	12.37	30.72	9.71	191.53	29.67	3.91	94.23	
27/08/2024 02:50	18.48	5.98	120.97	12.37	18.38	2.45	57.63	12.37	30.13	9.75	197.23	29.94	4	93.91	
27/08/2024 02:55	19.08	6.29	121.68	12.38	17.82	2.33	61.68	12.37	31.12	10.25	198.44	29.03	3.79	100.48	
27/08/2024 03:00	19.1	6.2	118.2	12.38	17.96	2.42	57.89	12.37	31.14	10.11	192.75	29.27	3.94	94.35	
27/08/2024 03:05	18.57	5.97	120.59	12.38	17.89	2.41	57.48	12.37	30.28	9.74	196.63	29.15	3.92	93.68	
27/08/2024 03:10	18.65	6.32	121.26	12.38	17.65	2.28	60.75	12.37	30.44	10.32	197.88	28.76	3.72	99.01	
27/08/2024 03:15	18.65	6.21	119.13	12.38	17.9	2.48	58.54	12.37	30.43	10.13	194.37	29.18	4.05	95.4	
27/08/2024 03:20	18.55	6.08	121.41	12.38	17.63	2.56	58.56	12.37	30.25	9.91	198.01	28.72	4.18	95.43	
27/08/2024 03:25	18.68	6.38	121.93	12.38	17.68	2.35	60.43	12.37	30.49	10.42	199.03	28.81	3.84	98.5	
27/08/2024 03:30	18.73	6.25	119.26	12.38	17.98	2.41	57.44	12.37	30.56	10.19	194.58	29.3	3.93	93.62	
27/08/2024 03:35	18.39	6.08	121.46	12.38	18.11	2.42	57.53	12.37	30	9.91	198.11	29.51	3.95	93.75	
27/08/2024 03:40	18.79	6.31	120.73	12.39	17.76	2.32	59.04	12.37	30.68	10.3	197.1	28.95	3.79	96.25	
27/08/2024 03:45	18.87	6.1	117.48	12.38	18.07	2.54	58.33	12.37	30.8	9.96	191.72	29.47	4.13	95.09	
27/08/2024 03:50	18.61	5.99	119.28	12.38	18.17	2.47	58.23	12.37	30.35	9.77	194.49	29.62	4.03	94.92	
27/08/2024 03:55	18.83	6.3	119.7	12.38	17.77	2.37	60.3	12.37	30.74	10.28	195.36	28.97	3.86	98.29	
27/08/2024 04:00	18.87	6.19	117.45	12.38	18.1	2.57	58.4	12.37	30.78	10.1	191.61	29.5	4.19	95.2	
27/08/2024 04:05	18.57	6.07	120.09	12.37	18.2	2.63	58.58	12.37	30.26	9.89	195.71	29.67	4.28	95.49	
27/08/2024 04:10	18.79	6.38	119.48	12.37	17.74	2.37	59.57	12.37	30.64	10.39	194.8	28.9	3.86	97.05	
27/08/2024 04:15	18.78	6.21	117.33	12.37	18.07	2.53	57.34	12.37	30.62	10.13	191.25	29.44	4.12	93.4	
27/08/2024 04:20	18.41	6.03	120.55	12.37	18.11	2.56	57.27	12.37	30	9.82	196.46	29.49	4.18	93.27	
27/08/2024 04:25	18.81	6.34	120.01	12.38	17.71	2.42	60.17	12.37	30.69	10.35	195.84	28.86	3.94	98.04	
27/08/2024 04:30	18.87	6.25	117.79	12.38	17.86	2.56	57.86	12.37	30.79	10.2	192.18	29.1	4.18	94.29	
27/08/2024 04:35	18.66	6	119.68	12.38	17.83	2.63	57.95	12.37	30.43	9.78	195.21	29.05	4.28	94.42	
27/08/2024 04:40	18.86	6.37	120.7	12.38	17.8	2.38	59.51	12.37	30.78	10.4	196.99	29.01	3.88	97.03	
27/08/2024 04:45	18.86	6.13	117.79	12.38	18.14	2.51	56.89	12.38	30.78	10	192.22	29.6	4.09	92.8	
27/08/2024 04:50	18.57	6.07	120.19	12.39	18.09	2.52	57.17	12.38	30.32	9.91	196.21	29.52	4.11	93.27	
27/08/2024 04:55	18.95	6.31	120.41	12.39	17.76	2.18	59.28	12.38	30.95	10.3	196.68	28.97	3.56	96.68	
27/08/2024 05:00	18.97	6.17													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
27/08/2024 06:25	18.77	6.33	120.93	12.38	17.97	2.4	59.68	12.37	30.63	10.33	197.34	29.3	3.91	97.27	
27/08/2024 06:30	18.86	6.17	118.67	12.38	18.14	2.5	57.78	12.37	30.77	10.06	193.6	29.56	4.08	94.16	
27/08/2024 06:35	18.51	6.08	121.03	12.38	18.22	2.58	58.13	12.37	30.19	9.92	197.42	29.68	4.2	94.7	
27/08/2024 06:40	18.57	6.25	121.01	12.39	17.81	2.39	59.96	12.37	30.31	10.2	197.56	29.04	3.89	97.75	
27/08/2024 06:45	18.69	6.12	118	12.38	18.16	2.57	57.83	12.38	30.51	9.99	192.6	29.61	4.19	94.3	
27/08/2024 06:50	18.48	6.04	119.76	12.38	18.22	2.55	57.41	12.37	30.17	9.86	195.46	29.7	4.15	93.58	
27/08/2024 06:55	18.82	6.35	120.71	12.39	17.8	2.35	61.54	12.37	30.73	10.37	197.09	29.03	3.82	100.34	
27/08/2024 07:00	18.85	6.22	118.52	12.38	17.87	2.5	57.66	12.37	30.76	10.16	193.43	29.13	4.07	93.98	
27/08/2024 07:05	18.58	6.09	120.07	12.38	17.91	2.58	57.45	12.37	30.3	9.93	195.79	29.19	4.2	93.64	
27/08/2024 07:10	18.83	6.32	120.51	12.38	17.8	2.46	60.18	12.36	30.71	10.31	196.59	28.99	4.01	98.01	
27/08/2024 07:15	18.87	6.21	116.77	12.37	17.85	2.49	58.23	12.36	30.77	10.13	190.37	29.05	4.06	94.79	
27/08/2024 07:20	18.51	6.04	119.98	12.37	17.84	2.45	57.55	12.36	30.15	9.84	195.42	29.04	3.99	93.66	
27/08/2024 07:25	18.91	6.27	120.06	12.37	17.85	2.44	60.43	12.36	30.82	10.21	195.65	29.05	3.98	98.34	
27/08/2024 07:30	18.89	6.11	117.64	12.36	18.02	2.45	58.12	12.35	30.76	9.95	191.58	29.31	3.99	94.52	
27/08/2024 07:35	18.66	5.99	120.02	12.35	17.98	2.5	57.84	12.35	30.36	9.75	195.21	29.24	4.07	94.04	
27/08/2024 07:40	19.21	6.27	121.26	12.36	17.7	2.25	61.16	12.35	31.25	10.21	197.3	28.78	3.66	99.41	
27/08/2024 07:45	19.14	6.03	117.52	12.35	18.09	2.42	57.92	12.35	31.13	9.81	191.15	29.4	3.93	94.15	
27/08/2024 07:50	18.57	5.9	119.98	12.36	18.16	2.44	57.33	12.35	30.21	9.59	195.24	29.51	3.96	93.18	
27/08/2024 07:55	19.05	6.12	120.08	12.36	17.7	2.22	60.63	12.35	31.02	9.97	195.5	28.78	3.61	98.59	
27/08/2024 08:00	19.02	5.94	117.67	12.36	17.94	2.34	59.02	12.35	30.96	9.66	191.53	29.17	3.81	95.96	
27/08/2024 08:05	18.57	5.8	119.15	12.36	17.73	2.38	59.92	12.35	30.23	9.44	193.95	28.83	3.86	97.42	
27/08/2024 08:10	18.98	6.13	119.69	12.37	17.69	2.14	60.32	12.35	30.91	9.98	194.94	28.76	3.47	98.07	
27/08/2024 08:15	18.97	5.91	116.95	12.36	18.17	2.33	57.85	12.35	30.87	9.61	190.38	29.54	3.79	94.06	
27/08/2024 08:20	18.66	5.77	119.11	12.35	18.13	2.36	58.17	12.35	30.35	9.39	193.73	29.47	3.84	94.57	
27/08/2024 08:25	19.08	5.97	118.04	12.36	17.83	2.1	58.32	12.35	31.04	9.72	192.11	28.98	3.41	94.8	
27/08/2024 08:30	19.04	5.8	115.71	12.36	18.14	2.34	57.56	12.35	30.98	9.44	188.28	29.5	3.8	93.59	
27/08/2024 08:35	18.69	5.77	118.78	12.36	18.11	2.28	56.63	12.35	30.42	9.38	193.3	29.44	3.71	92.06	
27/08/2024 08:40	19.16	6.03	119.23	12.36	17.96	2.3	61.04	12.35	31.19	9.82	194.13	29.21	3.74	99.26	
27/08/2024 08:45	19.12	5.94	116.24	12.36	18	2.3	57.98	12.35	31.13	9.68	189.23	29.28	3.75	94.32	
27/08/2024 08:50	18.57	5.69	118.98	12.36	17.73	2.36	58.36	12.35	30.23	9.26	193.7	28.85	3.84	94.93	
27/08/2024 08:55	19.07	6.06	119.88	12.37	17.76	2.13	60.11	12.36	31.06	9.88	195.29	28.9	3.46	97.8	
27/08/2024 09:00	18.95	5.91	116.46	12.36	17.99	2.21	58.03	12.35	30.85	9.62	189.61	29.26	3.59	94.38	
27/08/2024 09:05	18.6	5.76	119.29	12.36	17.61	2	58.5	12.35	30.25	9.38	194.06	28.63	3.25	95.12	
27/08/2024 09:10	18.83	6.05	120.31	12.36	17.72	2.04	59.25	12.35	30.65	9.85	195.82	28.81	3.32	96.35	
27/08/2024 09:15	18.8	5.92	118.74	12.36	17.8	2.13	57.85	12.35	30.6	9.64	193.25	28.95	3.46	94.09	
27/08/2024 09:20	18.47	5.77	119.18	12.36	17.47	1.94	58.28	12.35	30.08	9.39	194.06	28.42	3.15	94.8	
27/08/2024 09:25	18.71	6.09	119.59	12.37	17.49	1.95	59.45	12.36	30.48	9.92	194.87	28.45	3.17	96.73	
27/08/2024 09:30	18.76	5.95	117.04	12.37	18.13	2.37	57.82	12.36	30.57	9.7	190.68	29.51	3.86	94.1	
27/08/2024 09:35	18.53	5.72	118.82	12.36	18.44	2.49	57.45	12.36	30.16	9.32	193.45	30.01	4.05	93.52	
27/08/2024 09:40	19.02	5.99	119.22	12.37	17.88	2.17	59.81	12.36	30.97	9.76	194.18	29.09	3.53	97.33	
27/08/2024 09:45	19.06	5.87	117.67	12.37	18.32	2.4	57.09	12.36	31.04	9.56	191.64	29.82	3.9	92.93	
27/08/2024 09:50	18.53	5.66	118.13	12.37	18.44	2.42	56.98	12.36	30.18	9.22	192.45	30.01	3.94	92.76	
27/08/2024 09:55	18.95	6	118.2	12.38	17.66	1.93	58.74	12.36	30.91	9.79	192.73	28.76	3.15	95.65	
27/08/2024 10:00	18.91	5.85	115.79	12.37	18.03	2.14	57.53	12.37	30.82	9.53	188.75	29.36	3.48	93.7	
27/08/2024 10:05	18.46	5.64	118.12	12.37	18.06	2.28	57.84	12.37	30.1	9.2	192.52	29.42	3.72	94.21	
27/08/2024 10:10	18.77	5.89	117.41	12.38	17.28	1.71	58.81	12.36	30.63	9.61	191.6	28.14	2.79	95.77	
27/08/2024 10:15	18.79	5.69	115.15	12.38	18.04	2.07	56.76	12.37	30.64	9.28	187.82	29.39	3.37	92.45	
27/08/2024 10:20	18.6	5.52	117.34	12.37	17.97	2.17	56.86	12.37	30.33	8.99	191.28	29.27	3.54	92.61	
27/08/2024 10:25	19.03	5.89	117.74	12.38	17.9	2.1	60.34	12.37	31.06	9.61	192.19	29.18	3.42	98.36	
27/08/2024 10:30	18.99	5.73	115.49	12.38	18.07	2.09	56.08	12.38	30.99	9.36	188.45	29.47	3.41	91.45	
27/08/2024 10:35	18.6	5.51	116.38	12.38	18.06	2.03	55.7	12.37	30.34	9	189.89	29.45	3.31	90.81	
27/08/2024 10:40	19.1	5.59	115.33	12.38	17.85	1.97	57.79	12.38	31.18	9.13	188.26	29.11	3.22	94.25	
27/08/2024 10:45	19.09	5.49	113.19	12.38	18.02	2.11	54.83	12.38	31.15	8.96	184.73	29.39	3.43	89.43	
27/08/2024 10:50	18.66	5.28	114.84	12.38	18.13	2.17	54.19	12.38	30.45	8.62	187.43	29.56	3.54	88.37	
27/08/2024 10:55	19.02	5.63	116.51	12.39	18.03	1.9	56.28	12.38	31.07	9.2	190.38	29.43	3.1	91.85	
27/08/2024 11:00	19.06	5.54	114.08	12.39	18.27	2.2	56.4	12.39	31.15	9.05	186.41	29.84	3.59	92.12	
27/08/2024 11:05	18.69	5.31	114.98	12.39	18.95	2.7	56.98	12.39	30.54	8.68	187.87	30.97	4.42	93.12	
27/08/2024 11:10	19.25	5.67	115.55	12.4	17.69	1.77	58.1	12.39	31.46	9.27	188.87	28.89	2.9	94.9	
27/08/2024 11:15	19.16	5.49	112.82	12.39	18.44	2.01	54.15	12.39	31.31	8.96	184.35	30.13	3.28	88.48	
27/08/2024 11:20	18.62	5.34	115.89	12.4	18.88	2.47	53.83	12.39	30.43	8.74	189.43	30.84	4.04	87.96	
27/08/2024 11:25	19.36	5.63	115.88	12.4	18.25	2.11	56.71	12.4	31.66	9.21	189.53	29.82	3.44	92.69	
27/08/2024 11:30	19.22	5.41	113.85	12.4	18.21	1.67	55.03	12.39	31.43	8.85	186.17	29.75	2.73	89.91	
27/08/2024 11:35	18.53	5.17	116.41	12.4	18	1.53	56.03	12.39	30.29	8.45	190.26	29.4	2.5	91.51	
27/08/2024 11:40	19.06	5.47	116.31	12.4	17.93	1.35	57.01	12.38	31.17	8.94	190.22	29.28	2.21	93.06	
27/08/2024 11:45	18.99	5.24	113.86	12.39	18.17	1.43	54.4	12.37	31.02	8.56	186.06	29.62	2.32	88.7	
27/08/2024 11:50	18.61	4.92	115.31	12.37	17.83	1.08	54.41	12.37	30.34	8.02	187.96	29.05	1.76	88.64	
27/08/2024 11:55	19.08	5.22	114.68	12.37	17.9	1.2	56.51	12.36	31.09	8.51	186.93	29.14	1.96	92	
27/08/2024 12:00	19.16	5.15	112.54	12.37	18.38	1.4	54.37	12.36	31.21	8.4	183.33	29.9	2.27	88.44	
27/08/2024 12:05	18.58	4.88	114.91	12.36	18.92	1.88	54.5	12.36	30.24	7.94	186.99	30.78	3.05	88.67	
27/08/2024 12:10	18.82	5.12	114.31	12.36	18.15	1.2	54.95	12.34	30.64	8.33	186.08	29.49	1.95	89.28	
27/08/2024 12:15	18.77	4.83	111.13	12.35	18.07	1.03	53.33	12.34	30.52	7.85	180.73	29.32	1.69	86.58	
27/08/2024 12:20	18.73	4.77	114.94	12.33	17.69	0.69	52.63	12.33	30.4	7.74	186.52	28.69	1.12	85.35	
27/08/2024 12:25	19.1	5.12	114.62	12.34	17.87	1.01	58.05	12.32	31.01	8					



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
27/08/2024 13:50	18.52	5.01	116.38	12.34	17.91	1.5	55.56	12.32	30.07	8.14	188.92	29.02	2.43	90.05	
27/08/2024 13:55	18.78	5.45	116.89	12.35	17.52	1.43	59.63	12.33	30.52	8.86	190.02	28.43	2.32	96.78	
27/08/2024 14:00	18.72	5.27	114.38	12.35	17.85	1.55	55.68	12.34	30.44	8.57	185.96	29.01	2.51	90.45	
27/08/2024 14:05	18.45	5.09	115.93	12.36	17.69	1.45	54.94	12.35	30.04	8.28	188.69	28.74	2.36	89.26	
27/08/2024 14:10	18.67	5.54	116.87	12.37	17.56	1.38	58.12	12.36	30.4	9.03	190.35	28.57	2.25	94.55	
27/08/2024 14:15	18.59	5.29	112.77	12.36	18	1.54	55.84	12.36	30.28	8.62	183.65	29.3	2.51	90.9	
27/08/2024 14:20	18.39	4.92	116.18	12.37	18.06	1.5	56.05	12.36	29.96	8.02	189.3	29.4	2.44	91.23	
27/08/2024 14:25	18.79	5.22	116.89	12.37	17.52	1.15	58.36	12.36	30.64	8.52	190.57	28.51	1.88	94.97	
27/08/2024 14:30	18.81	4.96	114.05	12.37	18	1.29	55.38	12.35	30.63	8.08	185.74	29.25	2.09	90.03	
27/08/2024 14:35	18.57	4.76	115.68	12.35	18.03	1.2	55.06	12.35	30.19	7.74	188.12	29.3	1.96	89.47	
27/08/2024 14:40	19.3	5.22	115.04	12.36	17.5	1	57.93	12.34	31.39	8.49	187.15	28.42	1.63	94.08	
27/08/2024 14:45	19.19	4.99	113.08	12.35	17.9	1.24	56.29	12.33	31.21	8.11	183.86	29.05	2.01	91.35	
27/08/2024 14:50	18.59	4.85	116.55	12.34	17.91	1.28	57.02	12.33	30.18	7.87	189.22	29.05	2.08	92.49	
27/08/2024 14:55	18.75	5.22	117.6	12.34	17.49	1.1	59.81	12.33	30.45	8.48	190.97	28.36	1.79	96.98	
27/08/2024 15:00	18.75	5	114.84	12.33	17.63	1.17	56.71	12.32	30.43	8.11	186.33	28.55	1.89	91.86	
27/08/2024 15:05	18.4	4.81	116.55	12.32	17.64	1.17	56.81	12.32	29.8	7.79	188.75	28.56	1.9	91.99	
27/08/2024 15:10	18.42	5.15	118	12.32	17.43	1.01	58.15	12.31	29.85	8.34	191.2	28.2	1.63	94.09	
27/08/2024 15:15	18.48	5.03	115.81	12.32	17.73	1.08	55.61	12.3	29.92	8.14	187.51	28.64	1.74	89.87	
27/08/2024 15:20	18.31	4.69	117.04	12.3	17.5	1.09	56.2	12.3	29.59	7.58	189.15	28.27	1.77	90.81	
27/08/2024 15:25	18.97	4.94	116.34	12.3	17.37	0.96	59.26	12.29	30.67	7.98	188.07	28.05	1.55	95.67	
27/08/2024 15:30	18.99	4.86	115.08	12.29	17.9	1.25	56.62	12.28	30.68	7.86	185.9	28.86	2.01	91.29	
27/08/2024 15:35	18.43	4.68	117.25	12.28	17.67	1.03	55.8	12.27	29.71	7.55	189.01	28.47	1.66	89.91	
27/08/2024 15:40	18.56	5.02	117.6	12.28	17.57	1.07	58.86	12.27	29.93	8.09	189.65	28.31	1.73	94.85	
27/08/2024 15:45	18.67	4.98	115.74	12.28	17.83	1.21	56.79	12.28	30.12	8.04	186.67	28.74	1.95	91.52	
27/08/2024 15:50	18.56	4.88	117.88	12.28	17.78	1.22	56.89	12.27	29.94	7.87	190.17	28.65	1.96	91.67	
27/08/2024 15:55	18.81	5.18	117.36	12.29	17.85	1.2	58.44	12.28	30.37	8.36	189.47	28.77	1.94	94.19	
27/08/2024 16:00	18.86	5.08	114.66	12.29	17.99	1.19	56.68	12.27	30.43	8.2	185.01	28.98	1.92	91.32	
27/08/2024 16:05	18.59	4.82	117.62	12.27	18.06	1.2	56.84	12.27	29.94	7.77	189.47	29.09	1.94	91.56	
27/08/2024 16:10	18.71	5.03	117.59	12.27	18	1.19	58.49	12.26	30.15	8.1	189.47	28.96	1.92	94.13	
27/08/2024 16:15	18.87	4.97	115.77	12.27	18.09	1.04	55.66	12.25	30.38	8	186.41	29.07	1.67	89.44	
27/08/2024 16:20	18.62	4.7	117.43	12.25	18.03	0.89	55.25	12.25	29.93	7.56	188.73	28.96	1.43	88.74	
27/08/2024 16:25	18.82	4.99	117.15	12.26	17.73	1.07	58.67	12.25	30.27	8.03	188.39	28.47	1.72	94.24	
27/08/2024 16:30	18.87	4.94	115.04	12.26	17.77	1.15	56.61	12.25	30.35	7.95	184.99	28.54	1.85	90.95	
27/08/2024 16:35	18.61	4.88	117.25	12.26	17.75	1.16	56.72	12.25	29.95	7.85	188.64	28.52	1.86	91.13	
27/08/2024 16:40	19.14	5.38	117.35	12.27	17.64	1.25	58.98	12.26	30.82	8.67	188.96	28.36	2.02	94.87	
27/08/2024 16:45	19.2	5.35	114.28	12.27	17.6	1.33	56.61	12.26	30.91	8.61	184.02	28.32	2.14	91.1	
27/08/2024 16:50	18.48	5.17	118.18	12.28	17.94	1.66	56.72	12.26	29.79	8.33	190.51	28.87	2.67	91.29	
27/08/2024 16:55	18.79	5.54	118.52	12.29	17.8	1.53	58.37	12.28	30.32	8.94	191.29	28.7	2.47	94.09	
27/08/2024 17:00	18.75	5.34	115.83	12.29	17.83	1.62	57.33	12.29	30.27	8.62	186.97	28.77	2.61	92.52	
27/08/2024 17:05	18.63	5.19	118.51	12.3	17.27	1.3	57.3	12.29	30.12	8.39	191.58	27.86	2.09	92.46	
27/08/2024 17:10	19.28	5.56	119.71	12.31	17.69	1.45	58.96	12.29	31.19	8.99	193.62	28.58	2.35	95.23	
27/08/2024 17:15	19.3	5.23	115.76	12.29	18.11	1.37	56.32	12.29	31.17	8.44	186.96	29.23	2.21	90.91	
27/08/2024 17:20	18.78	4.26	113.28	12.25	18.28	1.41	55.59	12.29	30.19	6.86	182.12	29.5	2.27	89.72	
27/08/2024 17:25	19.4	4.65	113.51	12.25	17.86	1.1	57.7	12.27	31.19	7.47	182.51	28.78	1.78	92.97	
27/08/2024 17:30	19.39	4.62	110.85	12.25	18.24	1.37	56.45	12.27	31.17	7.42	178.12	29.37	2.21	90.9	
27/08/2024 17:35	18.7	4.2	114.1	12.23	18.28	1.36	56.83	12.27	30	6.73	182.99	29.44	2.19	91.5	
27/08/2024 17:40	19.07	5.11	118.76	12.26	17.92	1.04	54.61	12.23	30.68	8.22	191.04	28.74	1.67	87.62	
27/08/2024 17:45	19.23	5.13	116.88	12.26	18.26	1.07	49.74	12.22	30.92	8.25	187.94	29.24	1.72	79.66	
27/08/2024 17:50	18.7	5.09	120.03	12.26	18.61	1.36	50.28	12.22	30.07	8.19	193	29.81	2.18	80.55	
27/08/2024 17:55	19.02	5.44	119.43	12.27	17.44	0.9	52.69	12.23	30.62	8.76	192.26	27.95	1.44	84.46	
27/08/2024 18:00	19.1	5.35	116.89	12.26	18.1	1.21	49.83	12.23	30.74	8.62	188.15	29.02	1.95	79.87	
27/08/2024 18:05	18.43	5.1	119.73	12.27	18.31	1.44	49.91	12.23	29.68	8.22	192.8	29.36	2.31	80.02	
27/08/2024 18:10	18.82	5.42	118.95	12.28	18.25	1.45	55.37	12.26	30.35	8.73	191.8	29.36	2.34	89.1	
27/08/2024 18:15	18.93	5.3	116.54	12.28	18	1.52	55.72	12.27	30.53	8.55	187.9	29	2.45	89.77	
27/08/2024 18:20	18.62	5.36	120.12	12.28	17.89	1.59	56.69	12.27	30.04	8.65	193.81	28.83	2.57	91.34	
27/08/2024 18:25	19.13	5.78	120.81	12.3	17.79	1.54	57.97	12.29	30.91	9.34	195.15	28.7	2.49	93.53	
27/08/2024 18:30	19.12	5.64	117.86	12.3	18.46	2.05	55.45	12.3	30.89	9.11	190.4	29.82	3.31	89.57	
27/08/2024 18:35	18.63	5.36	119.57	12.3	18.92	2.34	55.78	12.3	30.12	8.67	193.3	30.58	3.79	90.14	
27/08/2024 18:40	19.06	5.73	120.38	12.31	18.43	1.88	56.88	12.31	30.84	9.27	194.78	29.81	3.05	91.99	
27/08/2024 18:45	19.08	5.67	116.54	12.31	18.56	1.95	54.47	12.31	30.89	9.18	188.62	30.05	3.16	88.17	
27/08/2024 18:50	18.67	5.5	119.82	12.32	18.75	2.16	55.22	12.32	30.27	8.91	194.21	30.37	3.49	89.43	
27/08/2024 18:55	18.78	5.79	119.21	12.33	18.23	1.87	58.15	12.32	30.46	9.4	193.38	29.55	3.04	94.25	
27/08/2024 19:00	18.82	5.72	115.98	12.33	18.14	1.78	54.99	12.32	30.53	9.29	188.13	29.4	2.88	89.13	
27/08/2024 19:05	18.59	5.57	120.69	12.33	18.22	1.77	54.81	12.32	30.15	9.04	195.73	29.52	2.86	88.82	
27/08/2024 19:10	18.85	5.94	121.25	12.34	17.79	1.56	58.04	12.32	30.6	9.64	196.89	28.83	2.53	94.09	
27/08/2024 19:15	18.77	5.74	118.9	12.34	18.24	1.94	55.43	12.33	30.47	9.31	193.01	29.58	3.15	89.87	
27/08/2024 19:20	18.54	5.68	121.2	12.34	17.98	1.53	54.67	12.32	30.09	9.21	196.74	29.15	2.48	88.61	
27/08/2024 19:25	18.95	5.98	120.55	12.35	17.87	1.9	59.67	12.34	30.79	9.72	195.87	29	3.09	96.84	
27/08/2024 19:30	18.83	5.75	118.28	12.34	17.94	1.92	56.6	12.34	30.59	9.35	192.13	29.12	3.11	91.88	
27/08/2024 19:35	18.54	5.65	121.22	12.34	17.27	1.67	56.67	12.33	30.11	9.18	196.85	28.01	2.71	91.93	
27/08/2024 19:40	18.79	6.05	122.06	12.35	17.79	1.67	59.23	12.33	30.53	9.84	198.4	28.87	2.71	96.13	
27/08/2024 19:45	18.75	5.81	119.44	12.34	18.23	1.8	55.83	12.33	30.47	9.44	194.07	29.59	2.92	90.61	
27/08/2024 19:50	18.57	5.64	121.33</												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CS	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CS	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
27/08/2024 21:15	18.97	5.84	120.17	12.36	18.41	1.96	55.94	12.35	30.86	9.51	195.51	29.92	3.18	90.94	
27/08/2024 21:20	18.56	5.78	122.49	12.36	18.36	1.77	56.25	12.35	30.19	9.4	199.27	29.84	2.87	91.43	
27/08/2024 21:25	19.21	6.1	121.94	12.36	18.23	1.78	58.02	12.35	31.26	9.93	198.45	29.64	2.9	94.33	
27/08/2024 21:30	19.23	5.88	118.92	12.36	18.71	2.03	55.02	12.35	31.29	9.57	193.5	30.43	3.29	89.45	
27/08/2024 21:35	18.51	5.77	122.54	12.36	18.97	2.11	55.03	12.35	30.13	9.39	199.42	30.84	3.43	89.47	
27/08/2024 21:40	18.91	6.08	121.64	12.36	18.08	1.83	58.65	12.35	30.8	9.9	198.09	29.4	2.98	95.4	
27/08/2024 21:45	18.97	6.04	118.81	12.36	18.73	2.19	55.79	12.36	30.88	9.84	193.44	30.48	3.56	90.78	
27/08/2024 21:50	18.61	5.84	122.68	12.36	18.89	2.5	56.02	12.36	30.31	9.52	199.73	30.74	4.07	91.17	
27/08/2024 21:55	18.84	6.02	121.54	12.37	18.38	1.97	58.31	12.36	30.68	9.81	197.97	29.91	3.2	94.88	
27/08/2024 22:00	18.9	5.8	118.87	12.36	18.7	2.1	55.88	12.36	30.77	9.44	193.53	30.43	3.41	90.92	
27/08/2024 22:05	18.65	5.73	121.82	12.36	18.55	1.75	55.33	12.35	30.35	9.33	198.22	30.16	2.85	89.97	
27/08/2024 22:10	18.87	6.17	122.44	12.36	18.31	1.78	57.4	12.35	30.73	10.05	199.34	29.77	2.89	93.31	
27/08/2024 22:15	18.95	5.97	119.03	12.36	18.72	2.06	55.25	12.35	30.84	9.71	193.71	30.42	3.35	89.79	
27/08/2024 22:20	18.6	5.79	122.33	12.35	18.64	2.03	55.36	12.35	30.24	9.41	198.87	30.29	3.3	89.95	
27/08/2024 22:25	18.85	6.13	122.72	12.36	18.12	1.85	58.38	12.34	30.67	9.97	199.72	29.43	3.01	94.85	
27/08/2024 22:30	18.87	6.01	120.4	12.36	18.73	2.23	56.75	12.34	30.69	9.78	195.86	30.43	3.62	92.18	
27/08/2024 22:35	18.43	5.82	122.58	12.35	18.94	2.38	56.89	12.34	29.94	9.46	199.17	30.76	3.86	92.42	
27/08/2024 22:40	18.78	6.19	122.89	12.35	18.24	1.92	58.62	12.34	30.52	10.06	199.75	29.62	3.11	95.17	
27/08/2024 22:45	18.85	5.97	119.36	12.35	18.52	2.09	56.59	12.34	30.62	9.7	193.97	30.08	3.4	91.88	
27/08/2024 22:50	18.52	5.84	122.09	12.34	18.53	2.11	56.48	12.34	30.09	9.48	198.36	30.09	3.43	91.71	
27/08/2024 22:55	18.91	6.24	122.63	12.35	18.1	1.91	58.83	12.34	30.76	10.15	199.42	29.39	3.11	95.53	
27/08/2024 23:00	18.85	5.98	119.51	12.35	18.39	2.11	56.73	12.34	30.64	9.72	194.31	29.87	3.43	92.13	
27/08/2024 23:05	18.53	5.77	121.78	12.35	18.41	2.14	56.75	12.34	30.13	9.37	197.93	29.9	3.48	92.18	
27/08/2024 23:10	19.36	6.07	122.28	12.36	18.46	2.05	58.52	12.35	31.51	9.87	199.01	30	3.33	95.11	
27/08/2024 23:15	19.41	5.91	119.67	12.36	18.92	2.11	55.14	12.35	31.59	9.63	194.73	30.76	3.43	89.66	
27/08/2024 23:20	18.91	5.7	121.79	12.36	18.89	2.16	55	12.35	30.76	9.27	198.14	30.72	3.51	89.45	
27/08/2024 23:25	19.25	6.07	121.9	12.36	18.56	1.94	57.62	12.35	31.34	9.89	198.44	30.18	3.15	93.7	
27/08/2024 23:30	19.31	5.9	119.32	12.36	18.79	2.02	54.89	12.35	31.43	9.61	194.19	30.56	3.29	89.26	
27/08/2024 23:35	19.02	5.71	122.33	12.36	18.95	2.03	54.56	12.35	30.96	9.3	199.06	30.82	3.3	88.72	
27/08/2024 23:40	19.43	6.02	122.53	12.36	18.69	1.92	57.76	12.35	31.63	9.81	199.52	30.41	3.12	93.97	
27/08/2024 23:45	19.44	5.87	120.61	12.36	18.89	2.1	54.89	12.35	31.64	9.55	196.3	30.72	3.42	89.24	
27/08/2024 23:50	19.16	5.77	123.84	12.35	18.84	2.16	54.39	12.35	31.15	9.37	201.35	30.62	3.51	88.39	
27/08/2024 23:55	19.36	6.24	125.08	12.36	18.73	2	57.44	12.34	31.5	10.15	203.52	30.43	3.25	93.34	
28/08/2024 00:00	19.45	6.11	122.33	12.36	19.14	2.15	55.62	12.34	31.64	9.94	199.01	31.1	3.5	90.37	
28/08/2024 00:05	19.24	5.93	123.96	12.36	19.36	2.28	56.81	12.34	31.31	9.65	201.68	31.45	3.71	92.29	
28/08/2024 00:10	19.37	6.17	124.03	12.36	18.97	2.03	57.36	12.34	31.55	10.05	201.97	30.82	3.29	93.18	
28/08/2024 00:15	19.43	6.04	121.49	12.36	19.25	2.27	56.44	12.35	31.62	9.83	197.76	31.28	3.68	91.72	
28/08/2024 00:20	19.13	5.96	123.96	12.36	19.28	2.24	56.25	12.35	31.12	9.7	201.67	31.33	3.63	91.4	
28/08/2024 00:25	19.47	6.18	124.47	12.36	18.96	2.13	58.1	12.34	31.68	10.06	202.59	30.79	3.47	94.37	
28/08/2024 00:30	19.57	6.09	121.92	12.36	19.4	2.32	55.46	12.34	31.85	9.91	198.38	31.51	3.77	90.08	
28/08/2024 00:35	19.18	6.06	124.23	12.36	19.63	2.34	55.3	12.34	31.2	9.86	202.1	31.87	3.81	89.8	
28/08/2024 00:40	19.61	6.21	123.79	12.36	18.92	2.08	55.03	12.34	31.92	10.1	201.49	30.73	3.37	89.36	
28/08/2024 00:45	19.72	6.07	121.65	12.35	19.38	2.29	53.32	12.34	32.07	9.87	197.86	31.47	3.71	86.56	
28/08/2024 00:50	19.29	6.17	124.99	12.35	19.45	2.33	53.19	12.34	31.35	10.02	203.12	31.58	3.78	86.34	
28/08/2024 00:55	19.4	6.35	124.64	12.35	18.87	2.07	56.96	12.33	31.55	10.32	202.67	30.63	3.35	92.43	
28/08/2024 01:00	19.48	6.22	121.95	12.35	19.21	2.45	55.39	12.34	31.66	10.12	198.25	31.18	3.98	89.9	
28/08/2024 01:05	19.05	6.13	123.79	12.35	19.36	2.5	55.61	12.34	30.96	9.96	201.19	31.43	4.06	90.27	
28/08/2024 01:10	19.32	6.55	125.47	12.35	18.73	2.3	57.97	12.34	31.43	10.65	204.06	30.4	3.74	94.1	
28/08/2024 01:15	19.41	6.32	121.69	12.35	19	2.44	55.33	12.33	31.56	10.28	197.82	30.83	3.97	89.77	
28/08/2024 01:20	19.05	6.13	123.64	12.35	19	2.42	54.86	12.33	30.96	9.97	200.91	30.82	3.93	88.99	
28/08/2024 01:25	19.14	6.42	122.95	12.35	18.6	2.23	57.15	12.33	31.11	10.43	199.86	30.18	3.62	92.73	
28/08/2024 01:30	19.25	6.33	120.86	12.35	19	2.44	54.71	12.34	31.28	10.28	196.38	30.84	3.96	88.8	
28/08/2024 01:35	18.99	6.14	122.75	12.34	19.11	2.42	54.38	12.33	30.85	9.97	199.38	31.01	3.93	88.24	
28/08/2024 01:40	19.46	6.46	123.87	12.35	18.83	2.36	58.02	12.34	31.63	10.5	201.35	30.56	3.83	94.18	
28/08/2024 01:45	19.42	6.33	121.12	12.35	19.05	2.48	55.16	12.34	31.57	10.28	196.84	30.93	4.02	89.56	
28/08/2024 01:50	18.91	6.17	122.69	12.35	19.13	2.47	54.86	12.34	30.74	10.02	199.43	31.05	4.01	89.06	
28/08/2024 01:55	19.2	6.27	120.78	12.35	18.66	2.35	56.96	12.34	31.23	10.2	196.47	30.29	3.82	92.46	
28/08/2024 02:00	19.26	6.22	118.49	12.35	18.98	2.51	55.1	12.34	31.3	10.11	192.64	30.81	4.08	89.42	
28/08/2024 02:05	18.98	6.27	122.85	12.35	19.08	2.5	55.64	12.34	30.84	10.19	199.62	30.96	4.06	90.31	
28/08/2024 02:10	19.33	6.49	121.68	12.35	18.65	2.4	59.35	12.33	31.43	10.55	197.86	30.26	3.9	96.32	
28/08/2024 02:15	19.44	6.39	118.28	12.35	19.07	2.59	55.03	12.33	31.6	10.38	192.24	30.94	4.21	89.3	
28/08/2024 02:20	19.02	6.13	121.45	12.34	19.08	2.56	55.39	12.33	30.88	9.96	197.22	30.96	4.16	89.89	
28/08/2024 02:25	19.23	6.37	120.63	12.35	18.65	2.37	56.33	12.33	31.26	10.36	196.1	30.27	3.84	91.4	
28/08/2024 02:30	19.32	6.27	117.26	12.35	18.89	2.58	54.45	12.33	31.4	10.19	190.56	30.65	4.19	88.35	
28/08/2024 02:35	18.83	6.12	120.5	12.34	18.91	2.63	54.44	12.33	30.59	9.94	195.73	30.66	4.26	88.29	
28/08/2024 02:40	19.17	6.41	121.39	12.34	18.49	2.4	56.89	12.33	31.15	10.42	197.21	29.98	3.9	92.26	
28/08/2024 02:45	19.22	6.23	117.88	12.34	18.71	2.58	55.05	12.33	31.22	10.12	191.41	30.34	4.18	89.25	
28/08/2024 02:50	18.87	6.17	120.16	12.33	18.69	2.53	54.89	12.33	30.62	10.01	195	30.3	4.11	88.99	
28/08/2024 02:55	19.27	6.39	120.43	12.34	18.46	2.43	57.2	12.33	31.31	10.38	195.64	29.93	3.94	92.75	
28/08/2024 03:00	19.28	6.26	118.07	12.34	18.8	2.62	54.78	12.33	31.31	10.16	191.75	30.48	4.25	88.82	
28/08/2024 03:05	18.99	6.14	121.51	12.34	18.94	2.64	54.34	12.33	30.83	9.97	197.25	30.7	4.28	88.11	
28/08/2024 03:10	19.15	6.47	120.8	12.35	18.57	2.4	58.66	12.33	31.12	10.51	196.28	30.11	3.88	95.13	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28/08/2024 04:40	19.19	6.33	118.26	12.34	18.15	2.5	57.51	12.32	31.16	10.28	191.98	29.42	4.05	93.21	
28/08/2024 04:45	19.21	6.24	116.01	12.33	18.54	2.58	55.08	12.32	31.17	10.13	188.26	30.04	4.18	89.26	
28/08/2024 04:50	18.67	5.97	118.2	12.33	18.47	2.56	54.53	12.32	30.27	9.68	191.65	29.93	4.16	88.38	
28/08/2024 04:55	19.09	6.27	118.22	12.33	18.12	2.4	58.45	12.32	30.97	10.18	191.77	29.37	3.89	94.73	
28/08/2024 05:00	19.1	6.08	115.52	12.33	18.26	2.63	55.62	12.33	30.98	9.86	187.38	29.6	4.26	90.18	
28/08/2024 05:05	18.74	6	118.04	12.33	18.22	2.67	56.17	12.33	30.38	9.73	191.41	29.54	4.33	91.09	
28/08/2024 05:10	19.16	6.42	118.85	12.34	18.01	2.42	57.69	12.33	31.1	10.43	192.92	29.2	3.93	93.52	
28/08/2024 05:15	19.2	6.25	116.13	12.33	18.32	2.57	55.42	12.33	31.15	10.15	188.46	29.71	4.17	89.87	
28/08/2024 05:20	18.71	5.94	117.94	12.33	18.47	2.53	55.5	12.33	30.36	9.64	191.39	29.95	4.11	90	
28/08/2024 05:25	18.81	6.39	119.29	12.34	18.04	2.28	56.95	12.33	30.56	10.37	193.74	29.26	3.7	92.34	
28/08/2024 05:30	18.94	6.2	116.41	12.34	18.58	2.48	54.85	12.32	30.74	10.07	188.97	30.11	4.02	88.9	
28/08/2024 05:35	18.78	5.95	118.22	12.33	18.64	2.49	54.92	12.33	30.45	9.65	191.7	30.22	4.03	89.03	
28/08/2024 05:40	19.14	6.23	118.21	12.33	18.06	2.26	57.12	12.32	31.05	10.11	191.77	29.25	3.66	92.52	
28/08/2024 05:45	19.14	6.11	115.77	12.33	18.36	2.48	54.51	12.32	31.03	9.91	187.72	29.75	4.02	88.29	
28/08/2024 05:50	18.55	5.9	117.77	12.33	18.61	2.5	54.75	12.32	30.08	9.57	190.96	30.15	4.05	88.7	
28/08/2024 05:55	18.82	6.21	117.7	12.33	18.07	2.27	56.68	12.32	30.52	10.08	190.9	29.28	3.69	91.82	
28/08/2024 06:00	18.92	6.17	114.81	12.33	18.51	2.45	54.5	12.32	30.67	10.01	186.14	29.99	3.97	88.29	
28/08/2024 06:05	18.77	5.98	118.35	12.32	18.58	2.45	54.47	12.32	30.41	9.69	191.8	30.09	3.97	88.21	
28/08/2024 06:10	18.89	6.13	117.69	12.33	18	2.23	56.24	12.32	30.62	9.94	190.79	29.14	3.61	91.07	
28/08/2024 06:15	18.94	6.03	115.67	12.32	18.42	2.45	54.2	12.32	30.7	9.78	187.46	29.83	3.97	87.79	
28/08/2024 06:20	18.73	5.93	118.44	12.32	18.33	2.47	53.97	12.32	30.35	9.61	191.94	29.68	4	87.4	
28/08/2024 06:25	19.16	6.27	118.35	12.33	18.06	2.26	55.9	12.32	31.08	10.17	191.99	29.24	3.65	90.52	
28/08/2024 06:30	19.13	6.09	115	12.33	18.34	2.51	55.5	12.32	31.02	9.88	186.48	29.7	4.06	89.88	
28/08/2024 06:35	18.64	5.87	117.58	12.32	18.33	2.58	55.75	12.32	30.22	9.52	190.57	29.68	4.18	90.29	
28/08/2024 06:40	18.8	6.14	117.74	12.33	18.05	2.35	57.16	12.32	30.48	9.95	190.88	29.24	3.8	92.6	
28/08/2024 06:45	18.86	6.01	116.43	12.33	18.47	2.51	55.47	12.32	30.57	9.75	188.74	29.93	4.07	89.88	
28/08/2024 06:50	18.56	5.98	119.21	12.33	18.59	2.5	55.42	12.32	30.09	9.7	193.3	30.12	4.05	89.77	
28/08/2024 06:55	18.67	6.25	119.08	12.33	18.15	2.42	58.4	12.32	30.28	10.13	193.16	29.4	3.92	94.59	
28/08/2024 07:00	18.69	6.09	116.62	12.33	18.43	2.51	54.92	12.31	30.3	9.88	189.06	29.82	4.07	88.89	
28/08/2024 07:05	18.49	5.93	118.49	12.31	18.55	2.53	54.97	12.31	29.92	9.6	191.78	30.02	4.1	88.96	
28/08/2024 07:10	18.84	6.23	119.23	12.32	18.13	2.33	57.92	12.31	30.51	10.08	193.1	29.33	3.77	93.68	
28/08/2024 07:15	18.92	6.14	117.57	12.31	18.46	2.56	55.64	12.3	30.63	9.95	190.33	29.85	4.13	89.95	
28/08/2024 07:20	18.71	5.93	118.26	12.3	18.63	2.64	56.08	12.3	30.25	9.59	191.22	30.11	4.27	90.67	
28/08/2024 07:25	19.01	6.2	118.52	12.31	18	2.19	57.81	12.29	30.75	10.03	191.74	29.07	3.53	93.37	
28/08/2024 07:30	19.04	6	115.54	12.3	18.52	2.43	55.01	12.29	30.78	9.7	186.78	29.89	3.93	88.79	
28/08/2024 07:35	18.59	5.78	117.27	12.29	18.67	2.45	54.91	12.29	30.02	9.33	189.35	30.13	3.96	88.6	
28/08/2024 07:40	19.09	5.99	115.76	12.3	18.1	2.18	55.33	12.29	30.84	9.68	187.04	29.21	3.52	89.28	
28/08/2024 07:45	19.11	5.94	112.77	12.29	18.3	2.29	53.47	12.29	30.87	9.59	182.16	29.54	3.7	86.28	
28/08/2024 07:50	18.67	5.79	117.63	12.29	18.5	2.31	53.58	12.29	30.15	9.35	189.97	29.86	3.73	86.47	
28/08/2024 07:55	18.88	6.11	118.54	12.3	17.99	2.22	56.67	12.29	30.52	9.89	191.69	29.04	3.59	91.49	
28/08/2024 08:00	18.98	5.99	115.7	12.3	18.24	2.36	54.36	12.29	30.68	9.68	187.05	29.45	3.81	87.77	
28/08/2024 08:05	18.66	5.76	117.57	12.3	18.3	2.38	54.42	12.29	30.15	9.3	189.98	29.54	3.84	87.87	
28/08/2024 08:10	18.94	6.04	117.96	12.3	18.06	2.26	58.19	12.29	30.61	9.77	190.7	29.16	3.64	93.95	
28/08/2024 08:15	19.08	5.93	115.3	12.3	18.53	2.31	54.04	12.29	30.83	9.58	186.33	29.91	3.72	87.24	
28/08/2024 08:20	18.85	5.76	117.15	12.29	18.56	2.34	54.55	12.29	30.44	9.29	189.18	29.96	3.79	88.05	
28/08/2024 08:25	18.91	6.01	117.25	12.3	18.17	2.1	56.19	12.29	30.56	9.71	189.49	29.32	3.39	90.7	
28/08/2024 08:30	18.99	5.9	114.94	12.3	18.65	2.24	53.74	12.29	30.68	9.53	185.71	30.11	3.61	86.76	
28/08/2024 08:35	18.7	5.69	116.82	12.3	18.66	2.24	53.28	12.29	30.21	9.19	188.72	30.12	3.61	86.01	
28/08/2024 08:40	19.18	5.98	116.29	12.3	18.1	2.01	56.1	12.29	31	9.66	187.9	29.22	3.25	90.56	
28/08/2024 08:45	19.19	5.74	112.23	12.29	18.44	2.23	54.26	12.29	31	9.28	181.28	29.77	3.6	87.6	
28/08/2024 08:50	18.73	5.61	116.34	12.29	18.59	2.25	54.42	12.29	30.24	9.06	187.87	30.02	3.63	87.87	
28/08/2024 08:55	18.98	5.94	117.67	12.3	18	1.96	58.41	12.29	30.68	9.6	190.15	29.05	3.17	94.26	
28/08/2024 09:00	19.01	5.82	115.47	12.29	18.48	2.22	55.03	12.29	30.7	9.39	186.52	29.82	3.59	88.81	
28/08/2024 09:05	18.57	5.64	117.27	12.29	18.64	2.28	55.36	12.29	29.98	9.1	189.29	30.08	3.68	89.33	
28/08/2024 09:10	18.98	6.01	117.53	12.29	18.08	2.02	57.46	12.28	30.66	9.7	189.79	29.16	3.26	92.7	
28/08/2024 09:15	19.01	5.86	115.23	12.29	18.47	2.2	55.12	12.29	30.69	9.46	186.06	29.8	3.55	88.96	
28/08/2024 09:20	18.7	5.64	117.28	12.29	18.42	2.24	55.17	12.29	30.2	9.11	189.39	29.73	3.61	89.04	
28/08/2024 09:25	18.95	6	117.85	12.3	18.23	1.98	58.22	12.29	30.62	9.69	190.45	29.42	3.2	93.96	
28/08/2024 09:30	19.06	5.87	115.64	12.3	18.49	2.17	54.67	12.29	30.79	9.49	186.81	29.84	3.5	88.24	
28/08/2024 09:35	18.6	5.65	117.26	12.29	18.55	2.17	54.67	12.29	30.03	9.12	189.34	29.94	3.51	88.27	
28/08/2024 09:40	18.93	5.94	116.82	12.3	18.06	2.07	57.19	12.29	30.59	9.59	188.79	29.16	3.34	92.35	
28/08/2024 09:45	18.93	5.8	114.6	12.3	18.26	2.13	54.44	12.29	30.58	9.36	185.14	29.48	3.44	87.9	
28/08/2024 09:50	18.63	5.6	116.66	12.29	18.5	2.09	54.48	12.29	30.09	9.05	188.45	29.87	3.38	87.97	
28/08/2024 09:55	19.14	5.85	116.43	12.3	17.92	1.9	55.21	12.29	30.94	9.46	188.23	28.93	3.06	89.14	
28/08/2024 10:00	19.13	5.73	113.16	12.3	18.2	2.16	55.1	12.29	30.93	9.26	182.9	29.39	3.49	89	
28/08/2024 10:05	18.61	5.59	116.84	12.3	18.2	2.3	56.2	12.3	30.07	9.03	188.83	29.41	3.71	90.79	
28/08/2024 10:10	19	5.97	117.51	12.3	17.87	1.92	56.84	12.29	30.73	9.65	190.04	28.86	3.1	91.81	
28/08/2024 10:15	19	5.82	115.8	12.3	18.3	2.08	54.46	12.3	30.72	9.42	187.24	29.57	3.37	87.99	
28/08/2024 10:20	18.7	5.57	116.57	12.3	18.44	2.06	54.41	12.3	30.23	9	188.44	29.79	3.33	87.92	
28/08/2024 10:25	18.88	5.94	116.9	12.31	17.96	1.93	56.77	12.3	30.56	9.61	189.2	29.03	3.12	91.73	
28/08/2024 10:30	18.96	5.78	112.95	12.31	18.27	2.06	54.77	12.3	30.67	9.35	182.73	29.53	3.33	88.51	
28/08/2024 10:35	18.61	5.53	116.58	12.3	18.36	1.99	54.22	12.3	30.09	8.94	188.52	29.66	3.21	87.58	
28/08/2024 10:40	18.71	5.95	116.66	12.31	17.84	1.76									



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28/08/2024 12:05	18.73	5.1	116.63	12.27	18.61	1.74	54.83	12.28	30.19	8.22	187.95	30.02	2.8	88.46	
28/08/2024 12:10	18.92	5.44	116.89	12.28	18.42	1.59	55.98	12.27	30.5	8.77	188.47	29.66	2.56	90.14	
28/08/2024 12:15	18.94	5.4	114.06	12.27	18.32	1.55	54.51	12.25	30.51	8.7	183.76	29.45	2.5	87.62	
28/08/2024 12:20	18.67	5.01	116.74	12.25	18.59	1.7	54.3	12.25	29.99	8.05	187.53	29.88	2.74	87.27	
28/08/2024 12:25	19.13	5.11	116.04	12.25	18.24	1.49	57.59	12.24	30.73	8.21	186.4	29.28	2.4	92.46	
28/08/2024 12:30	19.22	5.12	114.07	12.24	18.31	1.46	55.37	12.23	30.86	8.22	183.16	29.35	2.34	88.78	
28/08/2024 12:35	18.62	4.86	116.83	12.23	18.55	1.81	56.03	12.23	29.85	7.79	187.25	29.74	2.91	89.84	
28/08/2024 12:40	18.95	5.17	116.81	12.23	17.85	1.24	57.47	12.22	30.37	8.29	187.2	28.58	1.99	92	
28/08/2024 12:45	18.95	5.15	113.9	12.22	18	1.43	56.54	12.21	30.35	8.24	182.44	28.8	2.3	90.46	
28/08/2024 12:50	18.46	4.97	116.9	12.22	17.52	1.19	56.34	12.21	29.55	7.95	187.11	28	1.9	90.09	
28/08/2024 12:55	18.8	5.3	116.49	12.22	17.47	1.34	58.64	12.21	30.12	8.49	186.62	27.96	2.14	93.83	
28/08/2024 13:00	18.77	5.25	114.21	12.22	17.73	1.64	56.66	12.22	30.08	8.41	182.97	28.4	2.63	90.74	
28/08/2024 13:05	18.42	5.11	116.73	12.23	17.7	1.64	56.72	12.22	29.53	8.19	187.1	28.35	2.63	90.83	
28/08/2024 13:10	18.79	5.5	116.46	12.24	17.5	1.51	58.6	12.23	30.14	8.82	186.82	28.04	2.42	93.91	
28/08/2024 13:15	18.89	5.46	114.77	12.24	17.88	1.85	55.35	12.23	30.31	8.76	184.16	28.67	2.97	88.77	
28/08/2024 13:20	18.44	5.26	116.88	12.25	18.25	2.31	55.78	12.24	29.61	8.44	187.74	29.29	3.71	89.52	
28/08/2024 13:25	18.74	5.64	117.77	12.26	17.69	1.82	57.95	12.25	30.15	9.08	189.45	28.41	2.93	93.09	
28/08/2024 13:30	18.74	5.52	115.35	12.26	18.03	1.89	55.43	12.25	30.14	8.89	185.52	28.98	3.04	89.09	
28/08/2024 13:35	18.36	5.23	116.66	12.26	18.28	1.86	55.3	12.25	29.52	8.42	187.62	29.38	2.99	88.87	
28/08/2024 13:40	18.9	5.69	116.85	12.27	17.7	1.79	59	12.26	30.42	9.17	188.13	28.47	2.87	94.91	
28/08/2024 13:45	18.79	5.41	114.33	12.27	17.85	1.74	54.94	12.26	30.26	8.71	184.07	28.73	2.81	88.42	
28/08/2024 13:50	18.36	5.13	116.28	12.27	17.3	1.31	55.03	12.26	29.56	8.26	187.19	27.83	2.11	88.53	
28/08/2024 13:55	18.95	5.57	116.65	12.27	17.61	1.4	57.04	12.26	30.53	8.97	187.93	28.33	2.26	91.76	
28/08/2024 14:00	18.95	5.34	113.85	12.27	17.66	1.39	55.29	12.25	30.51	8.6	183.29	28.38	2.24	88.88	
28/08/2024 14:05	18.57	4.96	116.55	12.25	17.45	1.31	55.03	12.25	29.84	7.97	187.3	28.04	2.11	88.42	
28/08/2024 14:10	18.98	5.24	116.7	12.25	17.95	1.56	58.61	12.24	30.5	8.42	187.56	28.82	2.5	94.11	
28/08/2024 14:15	18.98	5.1	114.57	12.25	18.06	1.54	55.47	12.23	30.48	8.19	184.01	28.95	2.48	88.93	
28/08/2024 14:20	18.55	4.74	115.54	12.23	17.8	1.36	55.19	12.23	29.73	7.6	185.15	28.52	2.18	88.43	
28/08/2024 14:25	18.81	4.98	115.1	12.23	17.66	1.05	56.12	12.21	30.15	7.99	184.45	28.27	1.68	89.82	
28/08/2024 14:30	18.94	4.93	112.1	12.22	18.32	1.5	54.86	12.21	30.33	7.9	179.55	29.3	2.4	87.74	
28/08/2024 14:35	18.71	4.79	114.73	12.21	18.3	1.25	55.39	12.21	29.92	7.66	183.46	29.25	2	88.56	
28/08/2024 14:40	18.79	4.6	114.6	12.2	17.78	1.11	56.75	12.2	30.04	7.35	183.19	28.41	1.77	90.68	
28/08/2024 14:45	18.73	4.54	112.59	12.2	17.75	0.99	54.87	12.19	29.93	7.26	179.9	28.32	1.58	87.58	
28/08/2024 14:50	18.61	4.77	114.49	12.2	17.55	0.73	55.47	12.19	29.73	7.62	182.9	27.99	1.17	88.5	
28/08/2024 14:55	18.94	5.06	115.98	12.2	17.63	0.9	56.64	12.19	30.27	8.09	185.4	28.15	1.43	90.44	
28/08/2024 15:00	18.93	5.03	113.25	12.2	17.97	1.24	54.07	12.2	30.25	8.04	181.03	28.71	1.98	86.39	
28/08/2024 15:05	18.72	4.9	115.47	12.21	17.3	0.73	54.56	12.2	29.93	7.84	184.62	27.63	1.17	87.14	
28/08/2024 15:10	19.09	5.28	115.92	12.21	17.86	1.23	55.46	12.2	30.55	8.45	185.51	28.53	1.96	88.59	
28/08/2024 15:15	19.02	5.03	113.13	12.21	17.99	1.16	53.55	12.19	30.41	8.05	180.93	28.72	1.86	85.49	
28/08/2024 15:20	18.75	4.85	115.72	12.2	17.27	0.69	53.02	12.19	29.95	7.74	184.84	27.55	1.1	84.58	
28/08/2024 15:25	18.88	5.17	117.15	12.2	17.75	1.06	55.69	12.19	30.18	8.26	187.24	28.34	1.69	88.89	
28/08/2024 15:30	19.09	5.1	114.76	12.2	18.23	1.31	54.4	12.19	30.49	8.15	183.33	29.08	2.1	86.78	
28/08/2024 15:35	18.67	4.79	116.62	12.19	18.3	1.25	54.63	12.18	29.78	7.64	186.07	29.18	1.99	87.12	
28/08/2024 15:40	19.24	5.13	116.44	12.19	17.83	1.14	56.78	12.18	30.7	8.19	185.87	28.43	1.82	90.52	
28/08/2024 15:45	19.2	5.12	113.95	12.19	17.59	1.08	55.32	12.18	30.64	8.17	181.81	28.03	1.72	88.14	
28/08/2024 15:50	18.65	5.05	117.18	12.19	17.2	0.81	55.64	12.17	29.75	8.06	186.92	27.4	1.29	88.61	
28/08/2024 15:55	18.81	5.38	116.24	12.2	17.81	1.56	58.45	12.19	30.05	8.59	185.68	28.43	2.49	93.28	
28/08/2024 16:00	18.95	5.35	113.71	12.2	17.94	1.55	55.04	12.2	30.28	8.55	181.68	28.65	2.48	87.91	
28/08/2024 16:05	18.78	5.2	116.82	12.21	18.69	1.91	54.33	12.2	30.04	8.32	186.89	29.86	3.05	86.82	
28/08/2024 16:10	19.05	5.56	117.78	12.23	17.58	1.53	58.17	12.21	30.53	8.91	188.73	28.13	2.44	93.08	
28/08/2024 16:15	19.09	5.37	114.47	12.22	17.8	1.67	56.01	12.22	30.58	8.61	183.4	28.5	2.67	89.7	
28/08/2024 16:20	18.54	5.29	116.85	12.23	17.92	1.67	55.84	12.22	29.73	8.48	187.38	28.7	2.68	89.43	
28/08/2024 16:25	18.92	5.59	117.71	12.25	17.57	1.54	57.3	12.23	30.41	8.98	189.16	28.19	2.47	91.9	
28/08/2024 16:30	19.04	5.53	115.46	12.25	17.91	1.88	56.62	12.24	30.6	8.89	185.55	28.75	3.02	90.93	
28/08/2024 16:35	18.63	5.27	117.08	12.25	18.58	2.47	56.91	12.25	29.94	8.47	188.14	29.85	3.97	91.44	
28/08/2024 16:40	18.78	5.68	117.72	12.26	18.08	1.92	57.55	12.25	30.21	9.14	189.42	29.05	3.08	92.48	
28/08/2024 16:45	18.81	5.45	114.93	12.26	18.12	1.88	55.73	12.25	30.26	8.77	184.88	29.12	3.02	89.56	
28/08/2024 16:50	18.65	5.34	117.12	12.26	18.06	1.78	55.41	12.25	29.99	8.59	188.37	29.03	2.86	89.03	
28/08/2024 16:55	19.11	5.77	118.42	12.27	17.94	1.81	57.85	12.26	30.76	9.29	190.63	28.85	2.92	93.02	
28/08/2024 17:00	19.02	5.56	116.51	12.26	18.68	2.08	55.26	12.26	30.62	8.96	187.54	30.06	3.36	88.95	
28/08/2024 17:05	18.54	4.84	113.52	12.24	18.56	1.72	55.16	12.26	29.76	7.77	182.16	29.87	2.77	88.76	
28/08/2024 17:10	18.77	4.94	110.59	12.24	18.14	1.77	56.89	12.26	30.14	7.93	177.55	29.19	2.86	91.55	
28/08/2024 17:15	18.87	4.85	108.13	12.24	18.27	1.87	55.09	12.27	30.3	7.78	173.61	29.42	3.01	88.72	
28/08/2024 17:20	18.67	4.61	110.74	12.24	18.88	2.34	55.31	12.27	29.98	7.4	177.81	30.41	3.78	89.11	
28/08/2024 17:25	18.92	4.99	110.83	12.25	18.29	2.12	57.97	12.27	30.4	8.01	178.06	29.47	3.41	93.4	
28/08/2024 17:30	18.98	4.99	108.88	12.26	18.38	2	54.87	12.27	30.52	8.03	175.06	29.63	3.22	88.42	
28/08/2024 17:35	18.58	5.29	116.81	12.28	18.95	2.61	54.97	12.28	29.94	8.53	188.27	30.56	4.21	88.62	
28/08/2024 17:40	19.07	5.76	118.01	12.28	18.13	1.81	51.85	12.26	30.77	9.3	190.38	29.16	2.91	83.43	
28/08/2024 17:45	19.15	5.64	115.29	12.28	18.14	1.47	47.93	12.25	30.89	9.1	185.97	29.14	2.37	77.01	
28/08/2024 17:50	18.71	5.38	116.38	12.29	18.8	2	48.17	12.25	30.19	8.68	187.83	30.22	3.22	77.44	
28/08/2024 17:55	19.02	5.62	116.53	12.3	17.8	1.54	51.17	12.26	30.73	9.08	188.26	28.62	2.48	82.31	
28/08/2024 18:00	19.04	5.42	114.21	12.29	18.4	1.94	48.47	12.26	30.74	8.75	184.38	29.59	3.12	77.93	
28/08/2024 18:05	18.63	5.43	117.12	12.29	18.61	2.14	48.52	12.26	30.07	8.76	189.02	29.9			



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28/08/2024 19:30	18.98	5.73	115.37	12.29	18.05	1.86	52.96	12.28	30.65	9.25	186.28	29.11	3	85.42	
28/08/2024 19:35	18.53	5.43	117.14	12.28	18.11	1.99	53.31	12.28	29.89	8.77	188.99	29.22	3.2	86.01	
28/08/2024 19:40	18.74	5.83	117.04	12.29	17.67	1.76	55.61	12.28	30.25	9.4	188.97	28.5	2.83	89.69	
28/08/2024 19:45	18.82	5.73	114.63	12.29	17.99	2.14	53.58	12.28	30.38	9.25	185.02	29.01	3.45	86.42	
28/08/2024 19:50	18.58	5.52	117.11	12.29	18.58	2.63	52.94	12.28	29.99	8.9	188.99	29.97	4.24	85.41	
28/08/2024 19:55	19.14	5.74	117.07	12.29	17.97	1.84	54.47	12.28	30.91	9.27	189.09	28.99	2.97	87.88	
28/08/2024 20:00	19.13	5.5	113.66	12.29	18.32	2	53.08	12.29	30.89	8.88	183.53	29.56	3.22	85.66	
28/08/2024 20:05	18.59	5.5	117.85	12.29	18.52	2	53.44	12.29	30	8.88	190.23	29.88	3.23	86.24	
28/08/2024 20:10	19.07	5.79	116.91	12.29	18.08	1.86	55.77	12.29	30.79	9.36	188.8	29.19	3	90.01	
28/08/2024 20:15	18.99	5.61	114.6	12.29	18.31	1.96	53.33	12.29	30.66	9.06	185.03	29.56	3.17	86.07	
28/08/2024 20:20	18.54	5.45	117.28	12.29	17.8	1.63	53.66	12.29	29.94	8.8	189.36	28.72	2.62	86.58	
28/08/2024 20:25	18.8	5.8	116.43	12.3	17.96	1.84	54.73	12.29	30.39	9.38	188.21	29	2.98	88.35	
28/08/2024 20:30	18.93	5.68	113.97	12.3	18.47	2	51.51	12.29	30.59	9.18	184.18	29.83	3.23	83.19	
28/08/2024 20:35	18.71	5.43	116.81	12.29	19.33	2.6	51.55	12.3	30.21	8.77	188.63	31.23	4.19	83.3	
28/08/2024 20:40	19.11	5.74	117.23	12.3	18.08	1.83	54.38	12.29	30.89	9.28	189.44	29.19	2.95	87.78	
28/08/2024 20:45	19.13	5.52	114.19	12.29	18.29	1.91	51.97	12.29	30.9	8.91	184.44	29.51	3.08	83.87	
28/08/2024 20:50	18.59	5.39	116.27	12.29	18.13	1.81	51.66	12.28	30.02	8.7	187.71	29.24	2.93	83.34	
28/08/2024 20:55	19.12	5.71	116.57	12.29	17.66	1.43	54.54	12.28	30.88	9.22	188.29	28.49	2.31	87.99	
28/08/2024 21:00	19.14	5.56	113.78	12.29	18.22	1.81	52.56	12.28	30.91	8.98	183.69	29.39	2.92	84.78	
28/08/2024 21:05	18.61	5.36	116.75	12.29	18.28	1.86	52.23	12.28	30.02	8.65	188.4	29.48	3	84.24	
28/08/2024 21:10	19.08	5.85	117.59	12.29	17.79	1.64	54.95	12.28	30.81	9.45	189.94	28.7	2.64	88.62	
28/08/2024 21:15	19.08	5.7	115.01	12.29	18.53	2.08	52.76	12.28	30.81	9.21	185.72	29.89	3.35	85.09	
28/08/2024 21:20	18.47	5.43	117.98	12.29	18.44	1.91	52.55	12.28	29.81	8.77	190.38	29.73	3.08	84.73	
28/08/2024 21:25	18.59	5.65	117.93	12.29	18.19	1.79	55.04	12.28	30.02	9.13	190.43	29.34	2.89	88.77	
28/08/2024 21:30	18.65	5.44	115.43	12.29	18.44	1.95	52.42	12.28	30.11	8.79	186.34	29.75	3.15	84.55	
28/08/2024 21:35	18.54	5.43	117.19	12.28	18.73	2.05	52.19	12.28	29.91	8.77	189.04	30.22	3.3	84.18	
28/08/2024 21:40	18.79	5.8	117.11	12.29	17.79	1.57	54.49	12.28	30.34	9.37	189.05	28.68	2.53	87.84	
28/08/2024 21:45	18.96	5.7	114.49	12.29	18.44	1.98	52.49	12.28	30.6	9.2	184.77	29.73	3.2	84.63	
28/08/2024 21:50	18.22	5.13	117.11	12.28	18.44	2.02	52.61	12.28	29.38	8.27	188.82	29.72	3.25	84.82	
28/08/2024 21:55	19.6	6.54	117.75	12.29	18.36	1.95	54.87	12.28	31.64	10.56	190.09	29.6	3.14	88.47	
28/08/2024 22:00	19.5	6.24	115.61	12.29	18.42	1.86	51.87	12.28	31.46	10.08	186.58	29.68	3	83.6	
28/08/2024 22:05	18.62	5.37	117.04	12.28	18.19	1.75	51.69	12.27	30	8.66	188.63	29.31	2.82	83.28	
28/08/2024 22:10	19.48	6.32	117.03	12.29	18.5	1.93	54.37	12.27	31.44	10.2	188.85	29.81	3.11	87.6	
28/08/2024 22:15	19.68	6.31	114.76	12.28	18.5	1.96	51.58	12.27	31.76	10.18	185.17	29.8	3.15	83.07	
28/08/2024 22:20	18.47	5.27	117.33	12.28	19.11	2.55	51.45	12.27	29.76	8.49	189.1	30.79	4.11	82.89	
28/08/2024 22:25	18.79	5.7	117.29	12.28	18.09	1.72	54.18	12.27	30.29	9.2	189.14	29.14	2.77	87.27	
28/08/2024 22:30	19.01	5.83	113.98	12.28	18.48	1.84	51.58	12.27	30.65	9.4	183.79	29.77	2.96	83.1	
28/08/2024 22:35	18.5	5.29	117.96	12.27	18.58	1.84	50.95	12.27	29.8	8.52	190.02	29.92	2.97	82.06	
28/08/2024 22:40	18.9	5.94	119.04	12.28	18.42	1.87	53.76	12.27	30.47	9.58	191.92	29.66	3.02	86.57	
28/08/2024 22:45	19.12	5.91	116.04	12.28	18.46	1.74	51.45	12.26	30.82	9.53	187.05	29.72	2.81	82.82	
28/08/2024 22:50	18.33	5.16	117.69	12.27	18.59	1.77	51.34	12.26	29.52	8.32	189.52	29.92	2.84	82.61	
28/08/2024 22:55	19.53	6.37	117.75	12.28	18.46	1.71	54.73	12.27	31.49	10.27	189.86	29.73	2.75	88.11	
28/08/2024 23:00	19.52	6.11	115.03	12.27	18.45	1.81	51.76	12.26	31.45	9.85	185.37	29.7	2.92	83.31	
28/08/2024 23:05	18.9	5.73	117.34	12.27	18.58	1.89	51.86	12.26	30.44	9.23	188.92	29.89	3.04	83.43	
28/08/2024 23:10	18.41	5.03	116.9	12.27	18.15	1.71	54.55	12.26	29.64	8.11	188.21	29.2	2.76	87.78	
28/08/2024 23:15	18.64	5.08	114.57	12.27	18.4	1.66	51.83	12.26	30.01	8.17	184.44	29.59	2.67	83.37	
28/08/2024 23:20	18.83	5.45	117.01	12.26	18.55	1.7	51.77	12.26	30.31	8.77	188.32	29.84	2.74	83.27	
28/08/2024 23:25	18.66	5.28	117.66	12.27	18.13	1.6	54.15	12.26	30.05	8.51	189.52	29.16	2.57	87.1	
28/08/2024 23:30	18.7	5.19	115.54	12.27	18.4	1.73	51.09	12.25	30.1	8.36	186.01	29.58	2.78	82.12	
28/08/2024 23:35	18.99	5.7	116.73	12.26	18.16	1.75	51.73	12.25	30.56	9.17	187.82	29.18	2.81	83.13	
28/08/2024 23:40	18.28	4.98	116.44	12.26	17.99	1.63	53.21	12.25	29.4	8.01	187.27	28.91	2.62	85.52	
28/08/2024 23:45	18.37	5.04	114.43	12.26	18.33	1.75	51.51	12.25	29.54	8.1	184	29.46	2.81	82.79	
28/08/2024 23:50	19	5.73	117.24	12.26	18.28	1.78	51.83	12.25	30.56	9.21	188.56	29.38	2.86	83.3	
28/08/2024 23:55	18.56	5.25	117.47	12.26	18	1.68	54.48	12.25	29.85	8.44	188.93	28.93	2.69	87.56	
29/08/2024 00:00	18.72	5.16	113.26	12.26	18.59	1.97	52.34	12.25	30.11	8.3	182.13	29.88	3.17	84.13	
29/08/2024 00:05	18.69	5.59	117.53	12.26	18.64	2.05	52.02	12.25	30.07	8.99	189.03	29.97	3.29	83.62	
29/08/2024 00:10	18.87	5.6	117.26	12.26	18.35	1.9	55.1	12.25	30.36	9.01	188.66	29.49	3.05	88.55	
29/08/2024 00:15	18.96	5.57	114.96	12.26	18.54	1.99	52.95	12.25	30.49	8.96	184.91	29.8	3.19	85.08	
29/08/2024 00:20	18.64	5.45	117.03	12.25	18.86	2.08	53.84	12.25	29.96	8.76	188.1	30.3	3.34	86.51	
29/08/2024 00:25	19.67	6.5	116.07	12.27	18.48	1.96	54.74	12.25	31.67	10.47	186.87	29.7	3.15	87.97	
29/08/2024 00:30	19.65	6.37	113.71	12.26	18.72	2.03	52.04	12.25	31.63	10.25	183.03	30.09	3.26	83.64	
29/08/2024 00:35	18.72	5.59	117.11	12.25	18.83	2.03	51.36	12.25	30.1	9	188.29	30.25	3.27	82.52	
29/08/2024 00:40	18.94	5.63	116.78	12.26	18.17	1.78	54.53	12.25	30.46	9.05	187.79	29.19	2.85	87.6	
29/08/2024 00:45	19.11	5.64	113.81	12.26	18.51	2.05	51.66	12.25	30.72	9.07	182.99	29.74	3.29	82.99	
29/08/2024 00:50	18.75	5.6	116.74	12.25	18.59	2.19	52.23	12.25	30.14	9	187.63	29.87	3.52	83.92	
29/08/2024 00:55	19.41	6.4	117.19	12.27	18.61	2.17	55.88	12.25	31.24	10.3	188.65	29.9	3.49	89.8	
29/08/2024 01:00	19.28	6.1	115.24	12.26	18.32	1.89	52.3	12.24	31.02	9.82	185.39	29.42	3.03	83.98	
29/08/2024 01:05	18.35	5.36	116.37	12.25	18.45	1.95	52.2	12.24	29.48	8.6	186.95	29.63	3.14	83.81	
29/08/2024 01:10	19.11	5.72	116.41	12.25	18.22	1.88	53.11	12.24	30.72	9.2	187.15	29.26	3.03	85.29	
29/08/2024 01:15	19.01	5.38	113.46	12.25	18.37	1.9	51.58	12.24	30.54	8.65	182.35	29.49	3.05	82.81	
29/08/2024 01:20	18.47	5.31	116.46	12.25	18.47	2.02	50.66	12.24	29.67	8.54	187.09	29.64	3.24	81.3	
29/08/2024 01:25	19.82	6.16	115.95	12.26	18.19	1.85	54.98	12.24	31.88	9.91	186.47	29.21	2.97	88.28	
29/08/2024 01:30	19.57	5.82	112.99	1											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
29/08/2024 02:55	18.97	5.33	115.25	12.25	18.3	1.87	54.22	12.24	30.47	8.56	185.11	29.38	3	87.04	
29/08/2024 03:00	19.18	5.42	112.99	12.24	18.68	1.96	51.75	12.24	30.8	8.7	181.45	29.98	3.15	83.07	
29/08/2024 03:05	18.76	5.31	115.7	12.25	18.83	1.94	52.22	12.24	30.13	8.53	185.81	30.22	3.11	83.82	
29/08/2024 03:10	19.3	5.88	115.63	12.25	18.49	1.88	52.61	12.24	31.02	9.45	185.82	29.69	3.01	84.46	
29/08/2024 03:15	19.39	5.8	113.31	12.25	18.54	1.87	51.49	12.24	31.15	9.31	182.09	29.76	3.01	82.65	
29/08/2024 03:20	18.98	5.58	115.87	12.25	18.47	1.63	51.19	12.23	30.49	8.97	186.17	29.62	2.61	82.11	
29/08/2024 03:25	18.62	5.27	116.1	12.25	18.37	1.73	52.72	12.24	29.93	8.47	186.62	29.49	2.78	84.64	
29/08/2024 03:30	18.67	5.21	113.64	12.25	18.65	1.98	51.21	12.25	29.99	8.38	182.62	29.96	3.18	82.25	
29/08/2024 03:35	18.97	5.54	115.79	12.25	18.66	1.94	51.27	12.25	30.48	8.9	186.09	29.96	3.11	82.34	
29/08/2024 03:40	19.44	5.92	115.34	12.26	18.33	1.85	53.9	12.24	31.27	9.53	185.54	29.45	2.97	86.56	
29/08/2024 03:45	19.51	5.74	111.32	12.26	18.77	1.95	50.74	12.24	31.38	9.22	179.01	30.13	3.13	81.47	
29/08/2024 03:50	18.71	5.32	116.88	12.25	18.92	1.95	51.16	12.24	30.06	8.55	187.76	30.38	3.14	82.15	
29/08/2024 03:55	19.28	5.95	117.82	12.25	18.45	1.83	52.87	12.24	31	9.56	189.43	29.63	2.94	84.89	
29/08/2024 04:00	19.28	5.79	116.58	12.25	18.67	1.92	50.6	12.24	30.99	9.31	187.4	29.97	3.08	81.24	
29/08/2024 04:05	18.96	5.5	116.65	12.25	18.8	2.08	50.91	12.24	30.45	8.83	187.38	30.18	3.34	81.73	
29/08/2024 04:10	19.01	5.6	116.91	12.26	18.37	1.8	53.43	12.24	30.57	9.01	188	29.49	2.89	85.8	
29/08/2024 04:15	19.2	5.58	114.23	12.25	18.77	1.99	51.6	12.24	30.87	8.97	183.66	30.14	3.19	82.85	
29/08/2024 04:20	19.06	5.5	117.09	12.25	18.98	2.03	51.78	12.24	30.61	8.84	188.09	30.48	3.26	83.13	
29/08/2024 04:25	19.29	5.76	117.03	12.25	18.48	1.79	53.88	12.24	31	9.26	188.11	29.67	2.87	86.49	
29/08/2024 04:30	19.32	5.69	115.89	12.25	18.66	1.98	51.54	12.24	31.05	9.14	186.23	29.94	3.17	82.73	
29/08/2024 04:35	18.95	5.52	116.95	12.24	18.61	1.92	51.63	12.24	30.44	8.87	187.81	29.87	3.09	82.85	
29/08/2024 04:40	19.01	5.72	116.72	12.25	18.4	1.79	54.53	12.24	30.54	9.19	187.52	29.52	2.87	87.51	
29/08/2024 04:45	19.2	5.8	113.59	12.25	18.7	1.97	51.7	12.23	30.83	9.32	182.46	30	3.16	82.93	
29/08/2024 04:50	18.99	5.47	116.81	12.24	18.78	2.03	51.84	12.23	30.49	8.77	187.47	30.12	3.26	83.14	
29/08/2024 04:55	19.78	6	116.97	12.25	18.5	1.82	53.1	12.23	31.77	9.64	187.87	29.67	2.93	85.17	
29/08/2024 05:00	19.6	5.75	115.71	12.24	18.74	1.83	50.52	12.23	31.47	9.24	185.79	30.06	2.93	81.04	
29/08/2024 05:05	19.04	5.5	116.47	12.24	18.8	1.7	49.83	12.23	30.56	8.83	186.95	30.14	2.73	79.9	
29/08/2024 05:10	19.55	6.36	117.62	12.25	18.43	1.87	54.21	12.23	31.42	10.23	189.02	29.57	3	86.96	
29/08/2024 05:15	19.55	6.18	116.24	12.25	18.56	1.97	52.33	12.23	31.39	9.93	186.71	29.75	3.16	83.91	
29/08/2024 05:20	19.01	5.55	116.49	12.24	18.44	1.83	52.06	12.23	30.5	8.9	186.92	29.55	2.93	83.45	
29/08/2024 05:25	19.52	6.04	116.43	12.24	18.51	1.87	53.52	12.23	31.35	9.69	186.97	29.67	2.99	85.81	
29/08/2024 05:30	19.58	5.96	113.71	12.24	18.72	1.94	50.76	12.23	31.44	9.57	182.56	30.02	3.11	81.4	
29/08/2024 05:35	18.9	5.39	116.27	12.24	18.5	1.89	50.45	12.23	30.32	8.65	186.52	29.66	3.03	80.9	
29/08/2024 05:40	19.23	5.73	117.12	12.24	18.4	1.75	54.97	12.23	30.86	9.2	188	29.51	2.81	88.15	
29/08/2024 05:45	19.34	5.62	114.62	12.24	18.68	1.96	51.79	12.23	31.04	9.02	183.98	29.97	3.15	83.08	
29/08/2024 05:50	18.98	5.52	117.21	12.24	18.86	1.95	51.42	12.23	30.45	8.86	188.1	30.25	3.13	82.47	
29/08/2024 05:55	19.29	5.8	116.54	12.25	18.6	1.89	54.55	12.23	30.98	9.32	187.16	29.82	3.02	87.49	
29/08/2024 06:00	19.31	5.61	114.06	12.24	18.88	2.1	52.01	12.23	30.99	9.01	183.12	30.28	3.37	83.41	
29/08/2024 06:05	18.87	5.46	116.61	12.24	18.97	2.25	51.95	12.23	30.27	8.76	187.08	30.42	3.61	83.3	
29/08/2024 06:10	19.36	6.19	116.98	12.25	18.42	1.94	55.5	12.23	31.09	9.94	187.89	29.55	3.11	89.03	
29/08/2024 06:15	19.47	6.09	115.12	12.24	18.65	1.98	51.72	12.23	31.26	9.77	184.84	29.9	3.17	82.94	
29/08/2024 06:20	18.77	5.41	116.44	12.24	18.69	1.92	51.77	12.23	30.12	8.69	186.81	29.96	3.08	83	
29/08/2024 06:25	18.74	5.43	116.59	12.24	18.24	1.69	54.64	12.23	30.09	8.72	187.17	29.25	2.71	87.61	
29/08/2024 06:30	18.93	5.46	114.12	12.24	18.65	1.95	51.92	12.23	30.39	8.76	183.17	29.9	3.13	83.25	
29/08/2024 06:35	18.64	5.27	116.15	12.23	18.64	1.95	51.92	12.23	29.9	8.46	186.29	29.88	3.13	83.24	
29/08/2024 06:40	19.14	5.61	117.52	12.24	18.33	1.81	54.09	12.23	30.73	9	188.68	29.38	2.9	86.72	
29/08/2024 06:45	19.06	5.4	115.61	12.24	18.57	1.89	51.46	12.23	30.59	8.67	185.54	29.76	3.03	82.48	
29/08/2024 06:50	18.7	5.45	116.72	12.23	18.63	1.86	51.41	12.23	29.99	8.75	187.21	29.85	2.98	82.38	
29/08/2024 06:55	19.31	6.08	117.52	12.25	18.23	1.77	53.2	12.23	31.02	9.77	188.79	29.22	2.84	85.28	
29/08/2024 07:00	19.28	5.79	114.54	12.24	18.41	1.96	51.9	12.22	30.96	9.3	183.88	29.5	3.15	83.16	
29/08/2024 07:05	18.97	5.54	116.29	12.22	18.69	2.03	51.3	12.23	30.4	8.88	186.32	29.94	3.26	82.19	
29/08/2024 07:10	19.24	6	116.7	12.23	18.34	1.85	54.52	12.22	30.83	9.62	187.04	29.37	2.96	87.31	
29/08/2024 07:15	19.25	5.89	114.88	12.23	18.47	2.03	52.25	12.22	30.85	9.45	184.08	29.56	3.25	83.62	
29/08/2024 07:20	18.73	5.48	116.96	12.22	18.36	2.11	52.36	12.21	29.99	8.77	187.27	29.38	3.38	83.79	
29/08/2024 07:25	18.82	5.48	117.5	12.22	18.15	1.88	55.46	12.22	30.14	8.78	188.17	29.05	3.01	88.79	
29/08/2024 07:30	19.02	5.45	114.74	12.22	18.78	2.08	51.62	12.22	30.45	8.72	183.74	30.07	3.33	82.64	
29/08/2024 07:35	18.56	5.34	116.88	12.22	19.25	2.28	51.08	12.22	29.72	8.55	187.19	30.82	3.65	81.77	
29/08/2024 07:40	19.09	5.73	117.21	12.22	18.37	1.89	53.81	12.22	30.59	9.18	187.78	29.41	3.03	86.17	
29/08/2024 07:45	19.19	5.56	114.23	12.22	18.66	1.99	50.77	12.22	30.73	8.9	182.96	29.87	3.18	81.28	
29/08/2024 07:50	18.4	5.18	116.35	12.22	18.69	1.94	50.92	12.22	29.48	8.31	186.38	29.92	3.1	81.53	
29/08/2024 07:55	18.88	5.63	116.99	12.23	18.23	1.62	53.28	12.22	30.28	9.03	187.58	29.2	2.6	85.34	
29/08/2024 08:00	19.06	5.57	113.86	12.23	18.61	1.83	51.02	12.23	30.57	8.93	182.58	29.83	2.93	81.78	
29/08/2024 08:05	18.67	5.11	115.03	12.23	18.58	1.89	51.16	12.23	29.93	8.19	184.43	29.78	3.03	82	
29/08/2024 08:10	19.15	5.42	115.55	12.24	18.25	1.67	53.69	12.23	30.72	8.7	185.39	29.26	2.68	86.06	
29/08/2024 08:15	19.12	5.26	113.77	12.23	18.85	1.95	50.8	12.23	30.67	8.44	182.5	30.23	3.13	81.47	
29/08/2024 08:20	18.75	5.23	115.24	12.23	18.81	2.03	51.16	12.23	30.08	8.39	184.86	30.17	3.26	82.03	
29/08/2024 08:25	19.33	5.34	116.28	12.24	18.49	1.66	52.5	12.23	31.02	8.57	186.66	29.64	2.67	84.19	
29/08/2024 08:30	19.23	5.16	113.36	12.24	18.51	1.81	51.61	12.23	30.86	8.27	181.91	29.69	2.91	82.78	
29/08/2024 08:35	18.66	5.23	115.67	12.24	18.33	1.52	52.02	12.23	29.95	8.39	185.68	29.39	2.43	83.41	
29/08/2024 08:40	18.08	4.62	116.06	12.24	18.2	1.56	53.57	12.24	29.03	7.41	186.34	29.2	2.51	85.96	
29/08/2024 08:45	18.4	4.76	113.78	12.24	18.73	1.93	51.33	12.24	29.54	7.64	182.7	30.08	3.09	82.42	
29/08/2024 08:50	18.85	5.44	115.64	12.25	19.25	2.13	50.67	12.25	30.28	8.73	185.8	30.92	3.41	81.38	
29/08/2024 08:55	18.59	5.18													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
29/08/2024 10:20	19.32	5.8	118.36	12.24	19.03	1.94	51.64	12.24	31.02	9.29	190.02	30.53	3.11	82.85	
29/08/2024 10:25	19.77	6.15	117.55	12.25	18.65	1.88	54.6	12.23	31.76	9.88	188.8	29.9	3.01	87.57	
29/08/2024 10:30	19.71	5.97	115.36	12.24	18.78	1.96	51.81	12.23	31.64	9.58	185.17	30.1	3.15	83.04	
29/08/2024 10:35	19.12	5.79	118.05	12.23	18.73	1.95	51.59	12.22	30.66	9.29	189.35	30.01	3.13	82.65	
29/08/2024 10:40	19.68	6.36	119.5	12.24	18.54	1.8	55.93	12.22	31.58	10.2	191.8	29.7	2.88	89.61	
29/08/2024 10:45	19.67	6.19	117.13	12.24	18.74	1.99	51.64	12.22	31.55	9.93	187.94	30.03	3.18	82.73	
29/08/2024 10:50	19.27	5.9	118.51	12.23	18.75	1.99	51.13	12.22	30.9	9.45	189.98	30.03	3.18	81.87	
29/08/2024 10:55	19.73	6.25	117.74	12.23	18.51	1.99	56.13	12.22	31.65	10.02	188.83	29.64	3.18	89.88	
29/08/2024 11:00	19.67	6.06	115.46	12.23	18.73	2.03	52.53	12.22	31.53	9.71	185.08	29.98	3.25	84.09	
29/08/2024 11:05	19.15	5.98	119.1	12.22	18.83	2.09	52.98	12.22	30.68	9.58	190.73	30.14	3.35	84.82	
29/08/2024 11:10	19.4	6.36	119.01	12.23	18.47	2	54.82	12.21	31.09	10.19	190.76	29.56	3.21	87.73	
29/08/2024 11:15	19.42	6.28	115.53	12.23	18.7	2.14	52.95	12.21	31.12	10.06	185.11	29.92	3.42	84.72	
29/08/2024 11:20	19.07	5.96	119.2	12.22	18.7	2.17	53.27	12.21	30.52	9.54	190.78	29.93	3.48	85.23	
29/08/2024 11:25	19.51	6.43	118.46	12.22	18.44	2.07	55.64	12.21	31.25	10.29	189.72	29.5	3.31	89	
29/08/2024 11:30	19.55	6.27	115.73	12.22	18.72	2.2	53.33	12.21	31.3	10.04	185.28	29.92	3.52	85.26	
29/08/2024 11:35	19.15	6	118.1	12.21	18.97	2.24	52.94	12.2	30.63	9.6	188.86	30.32	3.57	84.62	
29/08/2024 11:40	19.55	6.4	117.34	12.22	18.14	2.09	56.43	12.21	31.3	10.25	187.9	29	3.35	90.23	
29/08/2024 11:45	19.49	6.23	114.86	12.22	18.18	2.26	55.11	12.21	31.19	9.97	183.85	29.07	3.61	88.11	
29/08/2024 11:50	19.06	5.95	117.28	12.21	18.06	2.33	55.56	12.2	30.48	9.51	187.54	28.87	3.72	88.82	
29/08/2024 11:55	19.26	6.19	118.09	12.21	17.93	2.07	56.92	12.2	30.81	9.89	188.88	28.66	3.31	90.96	
29/08/2024 12:00	19.19	6.03	115.58	12.21	18.14	2.2	55.04	12.2	30.68	9.65	184.81	28.99	3.52	87.95	
29/08/2024 12:05	18.89	5.95	117.84	12.2	18.33	2.24	55.16	12.2	30.18	9.51	188.33	29.28	3.57	88.11	
29/08/2024 12:10	19.2	6.29	117.43	12.2	17.68	1.87	57.96	12.2	30.69	10.05	187.73	28.24	2.99	92.56	
29/08/2024 12:15	19.3	6.28	115.45	12.2	18.1	2.21	54.66	12.2	30.86	10.03	184.55	28.91	3.52	87.29	
29/08/2024 12:20	18.86	6.06	117.99	12.21	18.22	2.34	55.23	12.2	30.15	9.69	188.67	29.1	3.75	88.22	
29/08/2024 12:25	19.07	6.23	118.59	12.21	17.55	1.8	56.97	12.2	30.5	9.96	189.69	28.04	2.87	91	
29/08/2024 12:30	19.11	6.16	115.58	12.21	17.99	2.13	54.04	12.2	30.56	9.85	184.82	28.74	3.4	86.34	
29/08/2024 12:35	18.83	5.95	117.37	12.21	18.16	2.11	53.23	12.2	30.11	9.52	187.64	29.01	3.37	85.05	
29/08/2024 12:40	19.18	6.08	116.73	12.21	17.7	1.94	56.28	12.2	30.69	9.72	186.73	28.28	3.1	89.94	
29/08/2024 12:45	19.28	6.1	114.52	12.21	17.93	2.17	54.2	12.2	30.83	9.76	183.16	28.65	3.46	86.62	
29/08/2024 12:50	18.7	5.65	116.48	12.2	17.91	2.28	54.69	12.2	29.9	9.04	186.21	28.6	3.65	87.36	
29/08/2024 12:55	18.8	5.87	116.58	12.21	18.08	2.04	57.12	12.2	30.07	9.38	186.46	28.89	3.26	91.28	
29/08/2024 13:00	18.83	5.7	113.87	12.21	18.54	2.12	53.26	12.2	30.12	9.11	182.12	29.63	3.4	85.13	
29/08/2024 13:05	18.64	5.47	116.15	12.21	18.45	1.97	53.13	12.2	29.8	8.76	185.74	29.49	3.15	84.91	
29/08/2024 13:10	19.02	5.97	116.48	12.21	17.89	1.56	53.2	12.2	30.44	9.55	186.41	28.58	2.49	85	
29/08/2024 13:15	19.07	5.84	114.11	12.21	18.36	1.96	51.26	12.2	30.51	9.35	182.58	29.35	3.14	81.92	
29/08/2024 13:20	18.89	5.61	115.2	12.21	18.44	2	51.77	12.2	30.2	8.96	184.2	29.47	3.2	82.74	
29/08/2024 13:25	19.16	5.95	114.79	12.21	18.04	1.69	53.25	12.2	30.67	9.52	183.71	28.83	2.71	85.09	
29/08/2024 13:30	19.3	5.86	113.2	12.21	18.72	2.03	50.7	12.2	30.87	9.38	181.11	29.92	3.25	81.05	
29/08/2024 13:35	19.03	5.6	115.68	12.21	19.09	2.25	49.89	12.2	30.45	8.97	185.06	30.52	3.6	79.74	
29/08/2024 13:40	19.39	5.93	116.48	12.22	18.23	1.66	52.54	12.2	31.03	9.5	186.48	29.14	2.66	83.99	
29/08/2024 13:45	19.41	5.83	114.01	12.21	18.71	1.87	50.06	12.21	31.07	9.33	182.47	29.9	2.99	80.03	
29/08/2024 13:50	18.95	5.56	115.6	12.21	18.78	1.61	50.45	12.2	30.31	8.89	184.9	30.02	2.57	80.64	
29/08/2024 13:55	19.21	5.97	116.2	12.22	18.32	1.71	52.68	12.2	30.76	9.56	186.05	29.28	2.73	84.2	
29/08/2024 14:00	19.29	5.83	113.9	12.22	18.77	1.97	50.59	12.21	30.87	9.34	182.31	30	3.15	80.88	
29/08/2024 14:05	18.84	5.45	114.34	12.21	18.97	1.99	50.02	12.2	30.14	8.71	182.93	30.32	3.17	79.94	
29/08/2024 14:10	19.22	5.79	115.19	12.22	18.51	1.77	52.32	12.21	30.77	9.28	184.46	29.59	2.82	83.66	
29/08/2024 14:15	19.23	5.64	112.99	12.22	18.57	1.79	50.2	12.21	30.78	9.02	180.84	29.7	2.86	80.27	
29/08/2024 14:20	18.91	5.49	114.37	12.21	18.53	1.75	49.61	12.2	30.26	8.78	182.97	29.62	2.8	79.29	
29/08/2024 14:25	18.33	5	114.14	12.21	17.92	1.5	52.27	12.21	29.32	7.99	182.64	28.64	2.41	83.57	
29/08/2024 14:30	18.52	4.99	111.74	12.21	18.83	2.13	50.13	12.21	29.63	7.99	178.78	30.12	3.4	80.19	
29/08/2024 14:35	18.71	5.4	115.51	12.22	18.91	2.41	50.58	12.21	29.96	8.65	184.95	30.26	3.85	80.94	
29/08/2024 14:40	18.56	5.03	113.67	12.22	18.28	1.85	52.94	12.21	29.71	8.05	181.97	29.26	2.96	84.71	
29/08/2024 14:45	18.63	4.88	110.61	12.22	18.63	1.89	50.93	12.21	29.82	7.82	177.04	29.81	3.02	81.5	
29/08/2024 14:50	18.6	5.13	114.64	12.22	18.91	1.81	50.52	12.21	29.77	8.22	183.5	30.25	2.9	80.83	
29/08/2024 14:55	18.74	5.54	117.09	12.22	18.07	1.6	53.27	12.21	30.02	8.88	187.61	28.91	2.55	85.21	
29/08/2024 15:00	18.93	5.59	115.88	12.22	18.47	2.02	52.02	12.21	30.32	8.95	185.64	29.55	3.23	83.25	
29/08/2024 15:05	18.42	5.12	115.49	12.21	18.84	2.45	52.09	12.22	29.47	8.19	184.81	30.17	3.93	83.39	
29/08/2024 15:10	18.47	5.46	115.71	12.22	17.74	1.65	54.54	12.21	29.57	8.74	185.26	28.37	2.63	87.22	
29/08/2024 15:15	18.62	5.47	113.36	12.22	18.46	1.9	52.07	12.21	29.81	8.75	181.49	29.52	3.04	83.28	
29/08/2024 15:20	18.63	5.47	117.49	12.22	17.72	1.33	53.39	12.2	29.81	8.76	188.05	28.32	2.12	85.35	
29/08/2024 15:25	19.02	5.63	116.54	12.22	17.61	1.44	54.88	12.21	30.46	9.02	186.66	28.16	2.3	87.76	
29/08/2024 15:30	19.11	5.6	112.79	12.22	18.6	2.08	52.5	12.22	30.6	8.97	180.65	29.77	3.33	84.03	
29/08/2024 15:35	18.73	5.66	116.77	12.22	18.42	1.72	51.81	12.21	30	9.07	187.01	29.48	2.75	82.9	
29/08/2024 15:40	17.74	4.88	116.18	12.22	17.7	1.51	54.35	12.21	28.4	7.81	185.99	28.31	2.42	86.96	
29/08/2024 15:45	17.99	5.05	114.21	12.22	18.28	1.92	52.97	12.21	28.8	8.08	182.82	29.26	3.07	84.78	
29/08/2024 15:50	18.6	5.55	117.2	12.22	17.72	1.47	53.56	12.21	29.77	8.88	187.63	28.35	2.35	85.7	
29/08/2024 15:55	18.92	5.93	118.12	12.23	18.14	1.84	56.73	12.22	30.34	9.5	189.39	29.04	2.95	90.81	
29/08/2024 16:00	18.9	5.77	116.26	12.23	18.57	2.08	53.24	12.22	30.29	9.25	186.33	29.73	3.33	85.24	
29/08/2024 16:05	18.13	5.38	118.77	12.22	18.5	1.81	52.48	12.21	29.05	8.62	190.27	29.61	2.9	83.99	
29/08/2024 16:10	18.5	5.67	119.23	12.23	17.74	1.6	55.94	12.22	29.67	9.08	191.19	28.4	2.57	89.57	
29/08/2024 16:15	18.68	5.58	116.85	12.23	18.35	1.99	53.97	12.23	29.94	8.95	187.34	29.4	3.19	86.47	
29/08/2024 16:20	18.6	5.72	118.23	12.23	18.64	2.31									



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
29/08/2024 17:45	18.36	5.07	113.21	12.2	18.33	2.09	55.14	12.22	29.33	8.09	180.78	29.36	3.35	88.32	
29/08/2024 17:50	18.23	4.92	115.43	12.2	18.28	2.03	55.52	12.22	29.13	7.87	184.4	29.28	3.25	88.9	
29/08/2024 17:55	18.79	5.9	122.93	12.23	18.26	2.04	57.38	12.22	30.11	9.46	197.03	29.26	3.27	91.91	
29/08/2024 18:00	18.9	5.77	120.16	12.23	18.04	1.79	50.96	12.2	30.29	9.25	192.57	28.84	2.87	81.45	
29/08/2024 18:05	18.18	5.49	121.24	12.22	18.39	1.91	48.89	12.2	29.11	8.79	194.17	29.37	3.05	78.07	
29/08/2024 18:10	19.67	6.91	120.8	12.23	17.77	1.66	52.02	12.19	31.54	11.08	193.69	28.38	2.65	83.08	
29/08/2024 18:15	19.7	6.66	118.07	12.23	18.12	1.84	48.26	12.19	31.58	10.67	189.25	28.93	2.93	77.04	
29/08/2024 18:20	18.69	5.8	120.34	12.23	18.55	2.38	48.95	12.2	29.96	9.29	192.85	29.62	3.79	78.17	
29/08/2024 18:25	18.96	5.7	119.57	12.23	17.9	1.66	50.13	12.19	30.4	9.13	191.7	28.58	2.65	80.04	
29/08/2024 18:30	19.06	5.75	117.32	12.23	18.3	1.78	49.92	12.2	30.55	9.22	188.06	29.25	2.85	79.8	
29/08/2024 18:35	18.88	5.78	120.52	12.22	18.19	1.72	52.83	12.21	30.25	9.25	193.08	29.1	2.75	84.52	
29/08/2024 18:40	19.05	6.01	121.04	12.23	18.04	1.71	56.21	12.22	30.54	9.63	194.07	28.89	2.74	90	
29/08/2024 18:45	19.04	5.83	117.65	12.23	18.42	1.8	53.16	12.22	30.53	9.34	188.6	29.5	2.88	85.13	
29/08/2024 18:50	19	5.95	120.68	12.22	18.48	1.61	52.97	12.22	30.44	9.53	193.29	29.59	2.58	84.8	
29/08/2024 18:55	19.45	5.87	118.62	12.23	18.31	1.76	54.48	12.22	31.18	9.41	190.09	29.31	2.82	87.21	
29/08/2024 19:00	19.47	5.78	115.2	12.22	18.69	1.96	52.36	12.22	31.19	9.27	184.58	29.91	3.13	83.8	
29/08/2024 19:05	18.95	5.87	121.03	12.22	18.64	1.89	52.42	12.21	30.35	9.4	193.85	29.83	3.03	83.89	
29/08/2024 19:10	19.73	6.83	122.16	12.23	18.54	2.03	56.38	12.21	31.64	10.95	195.92	29.67	3.25	90.23	
29/08/2024 19:15	19.73	6.59	118.86	12.23	18.75	2.1	52.52	12.21	31.63	10.56	190.57	30	3.35	84.03	
29/08/2024 19:20	18.89	5.92	120.98	12.22	18.78	2.31	52.63	12.21	30.24	9.48	193.7	30.05	3.7	84.2	
29/08/2024 19:25	19.14	5.82	120.35	12.22	18.34	1.94	55.54	12.21	30.66	9.32	192.8	29.34	3.1	88.87	
29/08/2024 19:30	19.32	5.86	117.73	12.22	18.65	1.96	53.02	12.21	30.94	9.38	188.55	29.83	3.14	84.8	
29/08/2024 19:35	19	5.84	120.16	12.21	18.78	2.02	52.83	12.21	30.4	9.34	192.29	30.03	3.22	84.48	
29/08/2024 19:40	19.75	5.99	120.37	12.22	18.41	1.87	55.35	12.21	31.63	9.59	192.72	29.44	2.99	88.51	
29/08/2024 19:45	19.73	5.88	117.73	12.21	18.55	1.98	53.05	12.21	31.57	9.41	188.42	29.65	3.17	84.8	
29/08/2024 19:50	19.33	5.92	119.96	12.21	18.64	2.08	53.47	12.2	30.91	9.46	191.86	29.8	3.32	85.47	
29/08/2024 19:55	19.74	6.23	117.76	12.21	18.43	1.85	54.88	12.2	31.59	9.97	188.41	29.45	2.95	87.72	
29/08/2024 20:00	19.71	6.01	115.24	12.21	18.8	1.93	52.09	12.2	31.53	9.61	184.36	30.04	3.09	83.24	
29/08/2024 20:05	19.1	5.75	118.88	12.21	18.91	1.89	51.78	12.2	30.54	9.2	190.05	30.2	3.02	82.72	
29/08/2024 20:10	19.63	6.4	119.61	12.21	18.44	1.76	54.27	12.2	31.41	10.25	191.35	29.45	2.81	86.67	
29/08/2024 20:15	19.56	6.16	116.97	12.21	18.61	1.92	52.42	12.2	31.28	9.85	187.05	29.72	3.06	83.73	
29/08/2024 20:20	19.05	5.76	119.74	12.2	18.59	1.92	52.61	12.2	30.43	9.2	191.29	29.7	3.07	84.04	
29/08/2024 20:25	19.66	6.28	121.07	12.21	18.39	1.8	54.56	12.19	31.45	10.05	193.61	29.37	2.87	87.12	
29/08/2024 20:30	19.64	6.04	117.65	12.2	18.66	1.97	52.51	12.19	31.39	9.66	188.07	29.79	3.15	83.81	
29/08/2024 20:35	19.21	5.92	119.63	12.2	18.8	1.99	52.56	12.19	30.69	9.45	191.08	30	3.17	83.89	
29/08/2024 20:40	19.61	6.39	120.33	12.2	18.11	1.69	54.34	12.19	31.34	10.21	192.34	28.9	2.7	86.71	
29/08/2024 20:45	19.71	6.27	117.18	12.2	18.61	1.95	51.62	12.19	31.5	10.01	187.23	29.7	3.12	82.39	
29/08/2024 20:50	19.18	5.59	117.93	12.2	18.94	1.99	50.92	12.19	30.63	8.93	188.33	30.22	3.17	81.26	
29/08/2024 20:55	19.3	6.18	118.56	12.21	18.31	1.83	53.94	12.19	30.85	9.88	189.54	29.23	2.92	86.09	
29/08/2024 21:00	19.23	5.96	115.98	12.2	18.55	1.97	52.05	12.19	30.73	9.52	185.34	29.6	3.15	83.05	
29/08/2024 21:05	19.16	5.79	118.99	12.19	18.59	1.99	52	12.19	30.58	9.24	189.95	29.67	3.17	82.98	
29/08/2024 21:10	19.86	6.5	118.32	12.2	18.28	1.86	54.45	12.19	31.74	10.4	189.09	29.17	2.97	86.88	
29/08/2024 21:15	19.88	6.41	114.8	12.2	18.61	2	52.05	12.19	31.77	10.24	183.42	29.68	3.19	83.04	
29/08/2024 21:20	19.19	5.92	119.22	12.2	18.48	2.05	52.13	12.18	30.64	9.45	190.37	29.48	3.27	83.13	
29/08/2024 21:25	19.21	6.25	119.2	12.2	18.41	1.92	54.53	12.19	30.69	9.99	190.43	29.37	3.07	86.99	
29/08/2024 21:30	19.25	6.03	116.32	12.2	18.64	1.91	51.7	12.19	30.75	9.64	185.77	29.74	3.04	82.47	
29/08/2024 21:35	19.09	5.84	119.36	12.19	18.72	1.86	51.08	12.18	30.48	9.32	190.56	29.85	2.97	81.45	
29/08/2024 21:40	19.56	6.29	121.57	12.2	18.47	1.88	54.47	12.19	31.26	10.06	194.31	29.47	3	86.92	
29/08/2024 21:45	19.59	6.2	118.68	12.2	18.67	2.03	52.55	12.19	31.3	9.91	189.63	29.79	3.23	83.86	
29/08/2024 21:50	18.96	5.76	119.57	12.19	18.78	2.09	52.83	12.19	30.26	9.2	190.87	29.97	3.34	84.3	
29/08/2024 21:55	19.21	6.19	120.38	12.2	18.38	1.91	54.89	12.19	30.7	9.89	192.4	29.33	3.04	87.59	
29/08/2024 22:00	19.26	6.07	118.54	12.2	18.66	2	52.03	12.19	30.76	9.7	189.37	29.76	3.19	82.99	
29/08/2024 22:05	19.13	5.83	120.08	12.19	18.47	1.74	51.55	12.18	30.53	9.31	191.67	29.44	2.77	82.18	
29/08/2024 22:10	19.32	6.17	118.18	12.2	18.18	1.75	53.69	12.18	30.86	9.86	188.78	29	2.8	85.63	
29/08/2024 22:15	19.31	6	116.03	12.2	18.68	2.04	52.06	12.19	30.83	9.58	185.31	29.81	3.25	83.05	
29/08/2024 22:20	19.09	5.88	119.49	12.19	18.56	2.06	52.25	12.19	30.48	9.38	190.78	29.62	3.29	83.38	
29/08/2024 22:25	19.32	6.08	119.56	12.2	18.22	1.82	54.27	12.19	30.88	9.72	191.06	29.07	2.91	86.59	
29/08/2024 22:30	19.38	5.94	117.21	12.2	18.62	1.96	51.97	12.19	30.96	9.48	187.23	29.71	3.13	82.92	
29/08/2024 22:35	19.21	5.95	119.44	12.19	18.72	1.92	51.23	12.18	30.68	9.5	190.72	29.85	3.07	81.71	
29/08/2024 22:40	19.49	6.12	120.36	12.2	18.39	1.79	54.13	12.19	31.14	9.79	192.34	29.34	2.86	86.38	
29/08/2024 22:45	19.51	6.05	116.49	12.2	18.81	1.96	52.07	12.19	31.17	9.66	186.08	30	3.12	83.08	
29/08/2024 22:50	19.09	5.93	120.43	12.2	19.03	1.95	51.98	12.19	30.48	9.48	192.32	30.36	3.12	82.92	
29/08/2024 22:55	19.53	6.14	119.83	12.2	18.43	1.9	54.68	12.19	31.21	9.81	191.49	29.4	3.03	87.25	
29/08/2024 23:00	19.52	5.98	117.75	12.2	18.5	1.96	51.74	12.18	31.18	9.56	188.11	29.5	3.12	82.51	
29/08/2024 23:05	19.26	6.01	119.91	12.19	18.3	1.86	51.8	12.18	30.74	9.59	191.37	29.18	2.97	82.59	
29/08/2024 23:10	19.45	6.14	120.27	12.19	18.41	1.89	54.6	12.18	31.03	9.8	191.92	29.35	3.02	87.06	
29/08/2024 23:15	19.66	6.17	117.77	12.19	19.02	2.08	52.65	12.18	31.36	9.85	187.92	30.32	3.32	83.92	
29/08/2024 23:20	18.93	5.93	120.79	12.19	19.95	2.24	52.58	12.18	30.2	9.45	192.7	31.79	3.56	83.78	
29/08/2024 23:25	19.07	6.2	120.8	12.19	18.71	1.96	56.8	12.18	30.44	9.9	192.84	29.82	3.13	90.51	
29/08/2024 23:30	19.2	6.1	118.27	12.19	18.54	2	53.11	12.18	30.65	9.74	188.78	29.55	3.19	84.65	
29/08/2024 23:35	18.89	5.82	120.36	12.18	18.64	2.11	53.28	12.18	30.13	9.28	191.96	29.71	3.36	84.93	
29/08/2024 23:40	19.35	6.37	120.1	12.2	18.47	2.01	55.47	12.18	30.9	10.18	191.78	29.44	3.2	88.42	
29/08/2024 23:45	19.38	6.22	118.25	12.19	18.88	2.13	52.94	12.18	30.93	9.93	188.72	30.08	3.4	84.35	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
30/08/2024 01:10	19.19	6.01	118.59	12.18	18.69	2.02	54.15	12.17	30.59	9.58	188.99	29.75	3.21	86.21	
30/08/2024 01:15	19.35	5.92	116.07	12.18	18.87	1.96	50.91	12.17	30.84	9.44	184.96	30.04	3.12	81.04	
30/08/2024 01:20	19.22	5.88	118.88	12.18	18.92	1.95	50.38	12.17	30.63	9.38	189.46	30.12	3.11	80.18	
30/08/2024 01:25	19.4	6.3	119.58	12.18	18.42	1.71	54.85	12.17	30.94	10.05	190.71	29.33	2.73	87.33	
30/08/2024 01:30	19.41	6.1	115.54	12.18	19.02	2.12	52.04	12.17	30.95	9.72	184.19	30.3	3.37	82.87	
30/08/2024 01:35	18.89	5.65	118.52	12.18	19.17	2	51.69	12.17	30.1	9	188.86	30.53	3.19	82.32	
30/08/2024 01:40	19.19	5.79	118.68	12.18	18.36	1.7	54.07	12.17	30.59	9.22	189.14	29.23	2.7	86.08	
30/08/2024 01:45	19.15	5.58	115.71	12.18	18.79	1.95	51.57	12.17	30.52	8.9	184.36	29.9	3.1	82.07	
30/08/2024 01:50	19.09	5.55	118.06	12.17	18.8	2.13	51.98	12.17	30.42	8.85	188.07	29.91	3.38	82.73	
30/08/2024 01:55	19.24	5.74	117.92	12.18	18.65	2.02	54.39	12.17	30.66	9.15	187.93	29.68	3.22	86.58	
30/08/2024 02:00	19.28	5.52	115.09	12.18	19.07	2.06	51.46	12.17	30.71	8.8	183.35	30.36	3.28	81.91	
30/08/2024 02:05	19.07	5.65	119.36	12.17	19.36	2.03	50.89	12.17	30.37	8.99	190.07	30.81	3.23	81	
30/08/2024 02:10	19.77	6.17	117.91	12.18	18.73	1.95	53.43	12.17	31.51	9.84	187.95	29.81	3.11	85.04	
30/08/2024 02:15	19.73	5.92	115.13	12.18	18.87	2.01	49.89	12.16	31.44	9.43	183.45	30.03	3.21	79.38	
30/08/2024 02:20	19.09	5.64	117.4	12.17	18.91	2	49.31	12.16	30.39	8.97	186.9	30.08	3.18	78.45	
30/08/2024 02:25	19.41	5.85	119.18	12.18	18.66	1.89	52.45	12.16	30.92	9.32	189.87	29.69	3	83.45	
30/08/2024 02:30	19.47	5.73	115.6	12.17	18.85	2.03	50.74	12.16	31.01	9.12	184.12	30	3.23	80.74	
30/08/2024 02:35	19.11	5.46	116.95	12.17	19.02	2.13	50.89	12.16	30.44	8.7	186.21	30.26	3.38	80.97	
30/08/2024 02:40	19.26	5.84	117.95	12.18	18.53	1.83	54.59	12.16	30.68	9.3	187.91	29.48	2.91	86.84	
30/08/2024 02:45	19.35	5.79	116.05	12.17	18.72	2.04	51.58	12.16	30.82	9.22	184.85	29.78	3.25	82.08	
30/08/2024 02:50	19.03	5.55	117.9	12.17	18.97	2.08	51.56	12.16	30.3	8.84	187.74	30.18	3.31	82.04	
30/08/2024 02:55	19.07	5.65	117.66	12.18	18.6	1.87	52.94	12.16	30.4	9	187.54	29.6	2.98	84.26	
30/08/2024 03:00	19.22	5.63	115.92	12.18	18.9	2.05	49.85	12.17	30.62	8.97	184.71	30.08	3.26	79.33	
30/08/2024 03:05	19.05	5.53	118.57	12.17	18.81	2.14	50.42	12.17	30.33	8.8	188.83	29.94	3.41	80.24	
30/08/2024 03:10	19.4	5.9	118.13	12.18	18.4	1.9	52.85	12.17	30.92	9.4	188.32	29.28	3.02	84.11	
30/08/2024 03:15	19.48	5.82	116.38	12.18	18.71	2.03	50.98	12.17	31.05	9.28	185.48	29.79	3.24	81.15	
30/08/2024 03:20	19.22	5.72	118.9	12.17	18.61	2.05	51.25	12.17	30.62	9.11	189.4	29.62	3.26	81.56	
30/08/2024 03:25	19.39	6.17	119.12	12.18	18.28	1.96	54.85	12.17	30.91	9.83	189.86	29.1	3.12	87.32	
30/08/2024 03:30	19.45	6.08	114.63	12.18	18.68	2.1	52.3	12.16	30.99	9.68	182.65	29.73	3.35	83.22	
30/08/2024 03:35	19.16	5.76	119.09	12.17	18.94	2.06	51.94	12.16	30.5	9.17	189.62	30.13	3.28	82.62	
30/08/2024 03:40	19.48	6.16	119.32	12.18	18.6	2.07	54.59	12.17	31.05	9.83	190.18	29.6	3.29	86.87	
30/08/2024 03:45	19.52	5.97	115.61	12.18	18.64	2.07	52	12.17	31.11	9.52	184.24	29.66	3.3	82.75	
30/08/2024 03:50	19.07	5.82	119.42	12.17	18.81	2.09	51.2	12.16	30.37	9.27	190.2	29.93	3.33	81.47	
30/08/2024 03:55	19.57	6.17	119.35	12.18	18.48	2.04	56.08	12.17	31.21	9.84	190.32	29.41	3.25	89.26	
30/08/2024 04:00	19.63	5.99	116.44	12.18	18.69	2.04	51.87	12.17	31.29	9.55	185.62	29.75	3.25	82.55	
30/08/2024 04:05	19.2	5.78	118.96	12.18	18.94	2.19	52.3	12.17	30.6	9.2	189.54	30.14	3.48	83.24	
30/08/2024 04:10	19.41	6.18	119.43	12.18	18.28	2.01	55.25	12.17	30.93	9.85	190.35	29.1	3.2	87.95	
30/08/2024 04:15	19.39	6.02	116.67	12.18	18.4	2.11	52.27	12.17	30.89	9.59	185.9	29.28	3.37	83.18	
30/08/2024 04:20	19.3	5.72	118.44	12.17	18.25	2.16	51.83	12.17	30.74	9.12	188.62	29.04	3.43	82.48	
30/08/2024 04:25	19.59	6.06	118.54	12.18	18.15	1.87	54.3	12.17	31.24	9.65	188.98	28.88	2.98	86.42	
30/08/2024 04:30	19.62	5.97	115.98	12.18	18.5	2.06	52.51	12.16	31.27	9.51	184.84	29.44	3.27	83.56	
30/08/2024 04:35	19.04	5.7	118.88	12.17	18.73	2.19	52.48	12.16	30.32	9.07	189.31	29.81	3.48	83.51	
30/08/2024 04:40	19.57	6.23	120.69	12.17	18.52	2.16	55.71	12.16	31.17	9.93	192.22	29.47	3.43	88.64	
30/08/2024 04:45	19.62	6.13	118.38	12.17	18.7	2.2	52.51	12.16	31.25	9.76	188.51	29.76	3.5	83.55	
30/08/2024 04:50	19.21	5.72	118.62	12.17	18.94	2.24	52.08	12.16	30.59	9.11	188.91	30.13	3.56	82.85	
30/08/2024 04:55	19.52	6.11	119.26	12.18	18.48	2.11	55.92	12.17	31.12	9.74	190.13	29.42	3.37	89.02	
30/08/2024 05:00	19.56	6.02	117.58	12.18	18.71	2.19	52.46	12.17	31.17	9.59	187.39	29.77	3.48	83.5	
30/08/2024 05:05	19.37	5.74	118.95	12.17	18.58	2.24	52.98	12.17	30.84	9.13	189.38	29.57	3.56	84.32	
30/08/2024 05:10	19.76	6.17	119.35	12.18	18.51	2.05	56.76	12.17	31.48	9.84	190.16	29.46	3.26	90.34	
30/08/2024 05:15	19.78	6.02	116.54	12.18	18.58	2.17	52.32	12.16	31.51	9.59	185.69	29.56	3.45	83.25	
30/08/2024 05:20	19.09	5.69	118.56	12.17	18.33	2.28	52.55	12.16	30.4	9.06	188.83	29.16	3.63	83.61	
30/08/2024 05:25	19.54	6.04	118.9	12.17	18.39	2.11	55.37	12.16	31.12	9.62	189.42	29.25	3.36	88.1	
30/08/2024 05:30	19.54	5.92	116.79	12.17	18.78	2.18	53.59	12.16	31.11	9.42	185.98	29.87	3.47	85.25	
30/08/2024 05:35	19.11	5.81	120.25	12.17	18.92	2.3	53.73	12.16	30.41	9.24	191.36	30.1	3.66	85.48	
30/08/2024 05:40	19.39	6.11	119.96	12.17	18.4	2.04	55.07	12.16	30.88	9.73	191.09	29.27	3.25	87.57	
30/08/2024 05:45	19.39	5.92	117.14	12.17	18.68	2.2	53.28	12.16	30.88	9.42	186.51	29.71	3.49	84.74	
30/08/2024 05:50	19.14	5.83	120.11	12.17	18.83	2.2	53.08	12.16	30.47	9.27	191.19	29.94	3.51	84.41	
30/08/2024 05:55	19.69	6.33	121.84	12.17	18.22	1.98	56.22	12.16	31.36	10.08	194.05	28.98	3.15	89.43	
30/08/2024 06:00	19.63	6.18	117.56	12.17	18.56	2.17	53.06	12.16	31.25	9.85	187.2	29.52	3.46	84.42	
30/08/2024 06:05	19.07	5.76	120.36	12.17	18.61	2.28	53.16	12.16	30.36	9.17	191.58	29.61	3.63	84.58	
30/08/2024 06:10	19.47	6.08	120.82	12.18	18.38	2.06	55.63	12.16	31.02	9.69	192.49	29.24	3.28	88.53	
30/08/2024 06:15	19.45	5.95	118.04	12.17	18.68	2.18	53.63	12.16	30.98	9.48	188.02	29.72	3.47	85.33	
30/08/2024 06:20	19.31	5.82	120.27	12.17	18.7	2.2	54.31	12.17	30.75	9.26	191.48	29.76	3.51	86.43	
30/08/2024 06:25	19.5	6.17	120.63	12.18	18.31	1.96	55.65	12.16	31.08	9.84	192.28	29.14	3.12	88.57	
30/08/2024 06:30	19.49	6.1	116.61	12.18	18.7	2.2	53.72	12.16	31.06	9.71	185.82	29.76	3.51	85.47	
30/08/2024 06:35	19.3	5.84	120.86	12.17	18.55	2.19	53.75	12.16	30.72	9.3	192.36	29.51	3.48	85.52	
30/08/2024 06:40	19.56	6.12	120.45	12.17	18.41	2	55.13	12.16	31.15	9.76	191.89	29.29	3.18	87.69	
30/08/2024 06:45	19.61	6.09	117.05	12.17	18.64	2.08	53.45	12.16	31.22	9.7	186.41	29.63	3.31	84.97	
30/08/2024 06:50	19.29	5.82	119.83	12.16	18.67	2.14	52.98	12.15	30.68	9.25	190.64	29.68	3.4	84.21	
30/08/2024 06:55	19.55	6.15	119.99	12.17	18.57	2.11	54.74	12.15	31.11	9.79	190.97	29.5	3.36	86.99	
30/08/2024 07:00	19.61	6.06	118.7	12.16	18.94	2.24	54.23	12.15	31.2	9.64	188.85	30.09	3.55	86.14	
30/08/2024 07:05	19.29	5.85	120.5	12.15	18.98	2.22	54.27	12.15	30.64	9.29	191.35	30.14	3.52	86.16	
30/08/2024 07:10	19.44	6.18	120.55	12.15	18.57	2.07	56.05	12.14	30.89	9.81	1				



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
30/08/2024 08:35	19.05	5.52	118.7	12.12	18.92	1.84	52.73	12.12	30.16	8.74	187.98	29.94	2.92	83.44	
30/08/2024 08:40	19.39	5.99	119.53	12.13	18.14	1.55	55.65	12.12	30.74	9.49	189.48	28.71	2.46	88.09	
30/08/2024 08:45	19.4	5.8	115.91	12.13	18.69	2	54	12.12	30.75	9.2	183.7	29.61	3.17	85.53	
30/08/2024 08:50	18.72	5.48	117.82	12.12	19.06	2.33	53.66	12.13	29.65	8.68	186.63	30.2	3.69	85.01	
30/08/2024 08:55	19.36	5.9	118.61	12.13	18.44	1.94	56.25	12.12	30.68	9.36	187.97	29.2	3.07	89.1	
30/08/2024 09:00	19.31	5.67	114.82	12.13	18.75	1.92	52.71	12.12	30.6	8.99	181.93	29.69	3.03	83.45	
30/08/2024 09:05	18.81	5.46	117.97	12.13	18.69	1.99	52.75	12.12	29.8	8.65	186.89	29.58	3.14	83.5	
30/08/2024 09:10	19.33	5.85	118.77	12.13	18.1	1.56	55.47	12.12	30.65	9.28	188.33	28.66	2.47	87.85	
30/08/2024 09:15	19.27	5.7	116.64	12.13	18.56	1.87	53.72	12.13	30.55	9.04	184.94	29.42	2.97	85.13	
30/08/2024 09:20	18.82	5.47	118.07	12.13	18.3	1.52	52.94	12.12	29.84	8.67	187.16	28.98	2.4	83.84	
30/08/2024 09:25	19.15	5.74	118.9	12.14	18.08	1.45	55.4	12.12	30.39	9.1	188.68	28.64	2.3	87.76	
30/08/2024 09:30	19.27	5.6	116.45	12.14	18.72	2.01	53.22	12.13	30.57	8.88	184.71	29.67	3.18	84.33	
30/08/2024 09:35	18.87	5.49	118.59	12.13	19.33	2.49	52.95	12.13	29.92	8.7	187.98	30.63	3.94	83.91	
30/08/2024 09:40	19.36	5.83	118.49	12.14	18.6	2.01	56.73	12.13	30.73	9.25	188.06	29.48	3.19	89.92	
30/08/2024 09:45	19.39	5.62	115.85	12.14	18.58	1.98	54.22	12.13	30.77	8.92	183.79	29.46	3.13	85.93	
30/08/2024 09:50	18.74	5.41	118.05	12.14	18.67	1.84	54.22	12.13	29.72	8.58	187.23	29.59	2.92	85.92	
30/08/2024 09:55	19.06	5.58	117.81	12.15	17.99	1.45	55.43	12.13	30.27	8.87	187.09	28.52	2.3	87.87	
30/08/2024 10:00	19.09	5.48	113.83	12.14	18.7	2.15	54.26	12.14	30.3	8.7	180.72	29.67	3.41	86.07	
30/08/2024 10:05	18.74	5.37	117.56	12.14	19.17	2.56	53.09	12.14	29.73	8.52	186.5	30.42	4.07	84.24	
30/08/2024 10:10	19.17	5.63	119.12	12.15	18.01	1.61	55.3	12.13	30.43	8.94	189.14	28.56	2.56	87.69	
30/08/2024 10:15	19.22	5.52	116.42	12.14	18.74	2.05	52.59	12.14	30.51	8.76	184.84	29.73	3.25	83.44	
30/08/2024 10:20	18.74	5.23	115.88	12.14	18.94	2.14	52.16	12.14	29.75	8.31	183.95	30.05	3.4	82.75	
30/08/2024 10:25	18.87	5.19	114.25	12.15	18.33	1.73	54.04	12.14	29.98	8.25	181.5	29.09	2.74	85.8	
30/08/2024 10:30	18.93	5.15	112.25	12.15	18.26	1.69	52.76	12.15	30.07	8.18	178.34	29.01	2.69	83.82	
30/08/2024 10:35	18.82	5.35	117.32	12.15	18.69	2.02	52.89	12.15	29.91	8.51	186.46	29.7	3.2	84.05	
30/08/2024 10:40	19.38	5.74	117.29	12.16	18.32	1.84	55.25	12.13	30.8	9.12	186.45	29.03	2.91	87.55	
30/08/2024 10:45	19.13	5.46	114.52	12.12	18.32	1.95	53.82	12.06	30.3	8.65	181.36	28.81	3.07	84.62	
30/08/2024 10:50	18.47	5.46	118.47	12.01	18.33	1.7	53.86	12.03	28.87	8.53	185.17	28.74	2.67	84.44	
30/08/2024 10:55	18.42	5.56	117.6	12.01	17.8	1.68	56.07	12.02	28.82	8.7	183.94	27.86	2.63	87.75	
30/08/2024 11:00	18.53	5.5	115.45	12.03	18.29	1.95	53.87	12.05	29.04	8.62	180.85	28.71	3.06	84.57	
30/08/2024 11:05	18.49	5.48	119.52	12.08	18.72	2.31	53.77	12.06	29.15	8.64	188.4	29.43	3.64	84.52	
30/08/2024 11:10	18.53	5.96	119.8	12.11	17.81	1.84	58.64	12.09	29.29	9.42	189.41	28.11	2.9	92.57	
30/08/2024 11:15	18.63	5.85	117.78	12.11	18.11	1.88	55.49	12.12	29.48	9.26	186.3	28.66	2.98	87.81	
30/08/2024 11:20	18.51	5.45	119.69	12.13	18.16	2.06	55.11	12.12	29.33	8.64	189.67	28.74	3.27	87.23	
30/08/2024 11:25	18.98	5.91	118.7	12.14	17.52	1.57	55.79	12.13	30.12	9.37	188.39	27.76	2.5	88.38	
30/08/2024 11:30	18.92	5.73	116.37	12.14	18.42	1.98	54.52	12.13	30.03	9.1	184.67	29.21	3.14	86.46	
30/08/2024 11:35	18.47	5.36	119.08	12.14	18.27	1.99	54.72	12.14	29.32	8.5	189	28.97	3.15	86.79	
30/08/2024 11:40	18.69	5.84	119.71	12.16	18.19	1.78	56.52	12.14	29.71	9.28	190.28	28.86	2.82	89.68	
30/08/2024 11:45	18.76	5.65	117.3	12.15	18.28	1.86	53.96	12.14	29.8	8.97	186.37	29.01	2.94	85.62	
30/08/2024 11:50	18.3	5.28	118.99	12.14	18.25	1.95	53.3	12.14	29.05	8.38	188.86	28.96	3.1	84.56	
30/08/2024 11:55	18.73	5.53	119.34	12.15	17.98	1.64	56.42	12.14	29.76	8.78	189.57	28.53	2.61	89.53	
30/08/2024 12:00	18.63	5.29	116.99	12.15	18.53	2.02	54.95	12.15	29.58	8.4	185.77	29.42	3.21	87.26	
30/08/2024 12:05	18.34	5.24	118.24	12.15	18.19	1.75	55.41	12.14	29.13	8.32	187.79	28.87	2.78	87.95	
30/08/2024 12:10	18.89	5.96	118.19	12.16	18.19	1.75	58.66	12.15	30.04	9.48	188	28.9	2.78	93.19	
30/08/2024 12:15	19.04	5.81	115.6	12.16	18.17	1.62	53.9	12.15	30.29	9.25	183.88	28.86	2.58	85.63	
30/08/2024 12:20	18.4	5.12	118.56	12.16	18.44	2.09	54.08	12.15	29.25	8.14	188.49	29.3	3.33	85.94	
30/08/2024 12:25	18.43	5.32	119.8	12.16	17.78	1.48	57.05	12.16	29.33	8.47	190.62	28.27	2.35	90.69	
30/08/2024 12:30	18.5	5.23	117.76	12.16	18.02	1.71	55.1	12.16	29.44	8.32	187.38	28.67	2.72	87.64	
30/08/2024 12:35	18.19	5.12	118.41	12.17	18.42	2.03	54.86	12.16	28.95	8.15	188.44	29.3	3.23	87.26	
30/08/2024 12:40	18.83	5.67	117.62	12.17	17.75	1.37	55.33	12.16	29.99	9.03	187.35	28.24	2.18	88.01	
30/08/2024 12:45	18.81	5.56	114.89	12.17	18.29	1.79	53.46	12.17	29.96	8.85	182.96	29.11	2.84	85.07	
30/08/2024 12:50	18.47	5.15	117.2	12.17	18.19	1.81	53.13	12.17	29.4	8.2	186.58	28.94	2.89	84.54	
30/08/2024 12:55	19.05	5.39	117.39	12.18	18.05	1.82	57.57	12.17	30.37	8.6	187.15	28.75	2.9	91.7	
30/08/2024 13:00	18.96	5.17	114.95	12.18	17.99	1.59	55.19	12.17	30.22	8.25	183.23	28.64	2.53	87.89	
30/08/2024 13:05	18.14	5.16	117.66	12.18	18.05	1.74	54.59	12.17	28.9	8.22	187.45	28.74	2.76	86.93	
30/08/2024 13:10	18.46	5.37	116.8	12.18	17.75	1.47	56.28	12.17	29.42	8.56	186.13	28.27	2.34	89.61	
30/08/2024 13:15	18.41	5.22	114.43	12.18	17.96	1.59	54.16	12.17	29.34	8.32	182.34	28.61	2.53	86.26	
30/08/2024 13:20	18.46	5.19	118.14	12.18	17.14	1.17	54.27	12.17	29.43	8.28	188.34	27.29	1.87	86.39	
30/08/2024 13:25	18.99	5.59	117.71	12.18	17.64	1.55	57.72	12.17	30.28	8.91	187.74	28.1	2.47	91.94	
30/08/2024 13:30	19.1	5.53	115.5	12.18	18.4	1.99	54.36	12.18	30.46	8.81	184.17	29.32	3.18	86.62	
30/08/2024 13:35	18.79	5.42	118.42	12.18	18.66	2.22	54.72	12.18	29.95	8.64	188.71	29.73	3.54	87.2	
30/08/2024 13:40	19.25	5.78	118.22	12.18	18.08	1.88	57.76	12.17	30.68	9.22	188.42	28.79	3	91.99	
30/08/2024 13:45	19.31	5.71	116.17	12.17	18.25	2.03	56.29	12.17	30.77	9.09	185.07	29.05	3.23	89.58	
30/08/2024 13:50	18.73	5.41	118.75	12.16	18.14	2.14	56.75	12.16	29.8	8.61	188.92	28.86	3.41	90.3	
30/08/2024 13:55	19.25	5.86	120.34	12.17	17.89	1.7	57.92	12.16	30.65	9.33	191.58	28.44	2.7	92.09	
30/08/2024 14:00	19.33	5.8	118.17	12.16	18.39	1.85	55.09	12.15	30.76	9.22	188.03	29.22	2.94	87.52	
30/08/2024 14:05	18.87	5.43	118.96	12.15	18.7	1.91	54.59	12.15	29.97	8.62	188.92	29.71	3.03	86.71	
30/08/2024 14:10	19.26	5.76	119.25	12.15	18.15	1.73	56.48	12.14	30.6	9.15	189.45	28.8	2.75	89.63	
30/08/2024 14:15	19.29	5.58	116.23	12.15	18.48	1.95	55.52	12.14	30.63	8.86	184.57	29.32	3.09	88.06	
30/08/2024 14:20	18.85	5.37	118.45	12.14	18.89	2	55.33	12.13	29.9	8.52	187.91	29.96	3.17	87.74	
30/08/2024 14:25	19.16	5.79	119.87	12.15	18.37	1.74	56.88	12.14	30.42	9.2	190.31	29.14	2.77	90.23	
30/08/2024 14:30	19.17	5.75	116.55	12.14	18.61	1.81	54.52	12.14	30.43	9.13	185	29.51	2.86	86.47	
30/08/2024 14:35	18.59	5.34	118.27	12.14	18.86	1.77	53.83	12.14	29.49	8.46	187.6				



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
30/08/2024 16:00	19.12	5.75	116.45	12.14	18.38	1.88	54.61	12.13	30.34	9.12	184.84	29.14	2.98	86.59	
30/08/2024 16:05	18.61	5.34	118.59	12.14	18.97	2.39	54.8	12.13	29.51	8.46	188.08	30.08	3.79	86.89	
30/08/2024 16:10	18.82	5.75	119.59	12.14	18.23	1.87	57.35	12.13	29.87	9.12	189.82	28.9	2.97	90.93	
30/08/2024 16:15	18.92	5.7	117.58	12.14	18.4	1.77	54.17	12.13	30.02	9.04	186.57	29.16	2.81	85.88	
30/08/2024 16:20	18.7	5.46	120.33	12.14	18.44	1.91	54	12.13	29.66	8.67	190.86	29.24	3.02	85.63	
30/08/2024 16:25	19	5.78	119.3	12.15	18.45	1.77	55.79	12.14	30.17	9.18	189.43	29.26	2.8	88.48	
30/08/2024 16:30	19.09	5.65	116.49	12.14	18.68	1.78	53.61	12.14	30.3	8.97	184.94	29.62	2.82	85.03	
30/08/2024 16:35	18.88	5.29	118.44	12.13	19.41	2.14	52.84	12.14	29.94	8.38	187.81	30.78	3.4	83.81	
30/08/2024 16:40	19.03	5.64	118.89	12.14	18.55	1.75	55.62	12.13	30.21	8.95	188.7	29.4	2.77	88.18	
30/08/2024 16:45	19.1	5.54	116.72	12.14	18.41	1.8	54.6	12.13	30.31	8.8	185.2	29.18	2.85	86.55	
30/08/2024 16:50	18.79	5.41	119.57	12.13	18.53	1.81	54.28	12.13	29.79	8.58	189.56	29.37	2.87	86.03	
30/08/2024 16:55	19.28	5.81	119.86	12.14	18.31	1.61	54.79	12.13	30.58	9.22	190.17	29.02	2.56	86.81	
30/08/2024 17:00	19.26	5.61	116.92	12.14	18.37	1.69	54.73	12.13	30.55	8.91	185.46	29.11	2.67	86.72	
30/08/2024 17:05	18.82	5.33	119.46	12.13	18.19	1.78	55.23	12.13	29.82	8.45	189.28	28.81	2.82	87.51	
30/08/2024 17:10	19.23	5.71	119.4	12.13	18.05	1.53	55.98	12.12	30.49	9.05	189.28	28.58	2.42	88.65	
30/08/2024 17:15	19.34	5.35	114.14	12.12	18.69	1.88	52.73	12.12	30.63	8.48	180.77	29.6	2.98	83.5	
30/08/2024 17:20	18.78	4.31	109.6	12.09	19.31	2.11	52.05	12.12	29.63	6.81	172.95	30.58	3.34	82.4	
30/08/2024 17:25	19.31	4.66	110.84	12.09	18.43	1.62	54.79	12.12	30.48	7.36	174.95	29.17	2.57	86.71	
30/08/2024 17:30	19.3	4.64	109.28	12.09	18.44	1.67	53.14	12.12	30.47	7.32	172.48	29.18	2.64	84.12	
30/08/2024 17:35	18.87	4.49	112.06	12.08	18.11	1.72	54.08	12.12	29.75	7.08	176.69	28.67	2.72	85.62	
30/08/2024 17:40	19.21	4.85	111.49	12.09	18.23	1.51	55.63	12.11	30.31	7.65	175.9	28.83	2.38	87.99	
30/08/2024 17:45	19.29	4.88	110.66	12.09	18.54	1.69	53.45	12.11	30.46	7.71	174.7	29.32	2.67	84.55	
30/08/2024 17:50	18.91	5.21	118.36	12.12	18.42	1.66	53.47	12.11	29.92	8.24	187.29	29.13	2.62	84.55	
30/08/2024 17:55	19.34	5.55	118.2	12.12	17.91	1.35	50.75	12.09	30.62	8.79	187.13	28.27	2.13	80.11	
30/08/2024 18:00	19.31	5.43	115.32	12.12	18.1	1.33	47.25	12.08	30.57	8.59	182.51	28.54	2.1	74.5	
30/08/2024 18:05	18.87	5.23	118.74	12.11	18.36	1.44	47.86	12.08	29.84	8.26	187.8	28.95	2.27	75.46	
30/08/2024 18:10	19.14	5.6	118.69	12.12	17.73	1.15	49.89	12.08	30.3	8.87	187.93	27.96	1.81	78.67	
30/08/2024 18:15	19.15	5.46	115.93	12.12	18.18	1.49	47.21	12.08	30.31	8.65	183.48	28.65	2.36	74.4	
30/08/2024 18:20	18.84	5.29	119.97	12.11	18.75	1.89	47.39	12.08	29.8	8.36	189.71	29.54	2.98	74.67	
30/08/2024 18:25	19.41	5.66	120.15	12.11	18.29	1.43	53.88	12.1	30.71	8.96	190.1	28.89	2.26	85.1	
30/08/2024 18:30	19.52	5.61	117.68	12.11	18.66	1.74	53	12.11	30.87	8.87	186.14	29.5	2.75	83.8	
30/08/2024 18:35	18.79	5.28	119.89	12.11	18.94	2.16	53.13	12.11	29.71	8.35	189.54	29.95	3.41	84.02	
30/08/2024 18:40	19.24	5.63	119.5	12.12	18.35	1.57	55.49	12.11	30.45	8.91	189.1	29.01	2.48	87.72	
30/08/2024 18:45	19.34	5.39	114.58	12.11	18.54	1.56	52.95	12.1	30.59	8.54	181.27	29.29	2.46	83.66	
30/08/2024 18:50	19	5.31	120.34	12.11	18.75	1.66	52.19	12.1	30.03	8.4	190.26	29.63	2.62	82.46	
30/08/2024 18:55	19.29	5.54	118.73	12.11	18.13	1.42	55.65	12.1	30.52	8.76	187.78	28.64	2.24	87.91	
30/08/2024 19:00	19.41	5.47	116.22	12.11	18.67	1.71	53.4	12.1	30.68	8.65	183.74	29.49	2.7	84.35	
30/08/2024 19:05	18.93	5.26	120.2	12.1	19.31	2.27	53.08	12.1	29.9	8.31	189.85	30.5	3.58	83.84	
30/08/2024 19:10	19.26	5.71	120.14	12.11	18.7	1.82	55.78	12.1	30.44	9.03	189.9	29.53	2.87	88.1	
30/08/2024 19:15	19.26	5.63	117.44	12.1	18.47	1.44	53.41	12.09	30.44	8.89	185.59	29.16	2.28	84.32	
30/08/2024 19:20	19.07	5.36	121.11	12.1	18.25	1.23	52.83	12.09	30.11	8.47	191.2	28.8	1.95	83.37	
30/08/2024 19:25	19.27	5.73	120.31	12.1	18.21	1.26	54.83	12.09	30.45	9.05	190.08	28.74	1.99	86.52	
30/08/2024 19:30	19.27	5.62	117.85	12.1	18.51	1.65	53.54	12.09	30.43	8.88	186.15	29.2	2.6	84.49	
30/08/2024 19:35	18.87	5.26	120.83	12.09	18.53	1.84	53.77	12.09	29.79	8.3	190.72	29.24	2.91	84.83	
30/08/2024 19:40	19.24	5.61	119.2	12.1	18.39	1.56	55.71	12.09	30.38	8.85	188.24	29.02	2.46	87.91	
30/08/2024 19:45	19.3	5.53	116.11	12.1	18.67	1.62	53.64	12.09	30.48	8.74	183.35	29.45	2.56	84.62	
30/08/2024 19:50	18.92	5.32	120.9	12.09	18.78	1.83	53.36	12.09	29.86	8.4	190.81	29.63	2.89	84.19	
30/08/2024 19:55	19.2	5.78	121.67	12.1	18.55	1.63	56.4	12.09	30.32	9.13	192.19	29.27	2.58	88.98	
30/08/2024 20:00	19.3	5.72	118.35	12.1	18.83	1.76	54.18	12.09	30.48	9.04	186.9	29.7	2.77	85.49	
30/08/2024 20:05	18.97	5.41	120.99	12.09	18.95	1.89	54.67	12.09	29.93	8.54	190.95	29.9	2.98	86.25	
30/08/2024 20:10	19.37	5.75	120.77	12.1	18.58	1.68	56.43	12.09	30.61	9.09	190.78	29.32	2.65	89.04	
30/08/2024 20:15	19.4	5.71	118.75	12.1	18.73	1.91	54.9	12.09	30.65	9.02	187.56	29.56	3.01	86.65	
30/08/2024 20:20	19.01	5.45	121.61	12.09	18.69	2.03	54.92	12.09	30	8.61	191.93	29.49	3.21	86.67	
30/08/2024 20:25	19.29	5.8	121.12	12.1	18.48	1.77	56.7	12.09	30.46	9.16	191.28	29.16	2.79	89.48	
30/08/2024 20:30	19.25	5.67	119.07	12.1	18.61	1.72	54.77	12.09	30.39	8.95	187.99	29.37	2.72	86.42	
30/08/2024 20:35	18.9	5.45	121.52	12.09	18.39	1.55	54.95	12.09	29.83	8.6	191.77	29.01	2.44	86.69	
30/08/2024 20:40	19.38	5.81	121.34	12.1	18.25	1.62	57.5	12.09	30.6	9.18	191.63	28.79	2.56	90.73	
30/08/2024 20:45	19.42	5.63	118.7	12.1	18.8	1.84	54.84	12.09	30.67	8.88	187.42	29.67	2.91	86.54	
30/08/2024 20:50	18.94	5.49	122.71	12.09	18.91	1.89	54.53	12.09	29.89	8.67	193.69	29.83	2.98	86.04	
30/08/2024 20:55	19.16	5.83	122.28	12.1	18.31	1.6	57.43	12.09	30.26	9.21	193.06	28.88	2.53	90.6	
30/08/2024 21:00	19.21	5.67	119.44	12.09	18.62	1.73	55.37	12.09	30.32	8.95	188.54	29.38	2.73	87.36	
30/08/2024 21:05	19.09	5.51	122.35	12.09	18.06	1.33	56.11	12.09	30.13	8.69	193.14	28.49	2.1	88.49	
30/08/2024 21:10	19.18	5.79	120.86	12.1	18.39	1.65	57.37	12.09	30.29	9.14	190.86	29.02	2.6	90.52	
30/08/2024 21:15	19.24	5.69	118.7	12.1	18.37	1.61	55.46	12.09	30.38	8.98	187.43	28.98	2.54	87.49	
30/08/2024 21:20	18.93	5.63	122.81	12.09	18.44	1.63	55.56	12.09	29.89	8.89	193.85	29.09	2.56	87.65	
30/08/2024 21:25	19.32	5.83	121.65	12.1	18.3	1.51	58.02	12.09	30.51	9.22	192.15	28.88	2.39	91.53	
30/08/2024 21:30	19.37	5.7	119.11	12.1	18.69	1.85	54.96	12.09	30.59	9.01	188.1	29.49	2.93	86.73	
30/08/2024 21:35	18.88	5.55	123.02	12.09	18.81	1.91	54.61	12.09	29.79	8.76	194.12	29.68	3.01	86.15	
30/08/2024 21:40	19.4	5.91	123.63	12.1	18.37	1.68	58.09	12.09	30.63	9.34	195.19	28.97	2.66	91.63	
30/08/2024 21:45	19.32	5.8	121.18	12.09	18.66	1.83	55.45	12.09	30.49	9.15	191.27	29.42	2.89	87.46	
30/08/2024 21:50	19.01	5.5	122.66	12.09	18.5	1.75	55.47	12.08	30.01	8.68	193.6	29.17	2.76	87.46	
30/08/2024 21:55	19.53	5.9	122.37	12.1	18.52	1.79	58.05	12.09	30.86	9.33	193.34	29.22	2.82	91.61	
30/08/2024 22:00	19.52	5.72	119.67	12.1	18.71	1.76	54.92	12.09	30.83	9.03	189.02	29.51	2.78		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
30/08/2024 23:25	19.53	5.83	122.99	12.1	18.28	1.58	57.47	12.09	30.85	9.2	194.29	28.83	2.5	90.64	
30/08/2024 23:30	19.62	5.73	120.84	12.1	18.9	1.95	55.07	12.09	30.98	9.06	190.85	29.82	3.07	86.88	
30/08/2024 23:35	19.21	5.4	121.27	12.09	19	1.97	54.55	12.09	30.3	8.51	191.33	29.97	3.11	86.04	
30/08/2024 23:40	19.6	5.6	120.21	12.1	18.39	1.62	56.58	12.09	30.95	8.84	189.78	29	2.56	89.25	
30/08/2024 23:45	19.68	5.56	118.12	12.09	18.94	2.1	54.92	12.09	31.06	8.77	186.41	29.87	3.31	86.61	
30/08/2024 23:50	19.18	5.5	122.16	12.09	19.44	2.49	54.55	12.08	30.25	8.67	192.66	30.65	3.92	86.01	
30/08/2024 23:55	19.76	5.84	121.85	12.1	18.52	1.82	58.47	12.08	31.19	9.22	192.35	29.2	2.87	92.19	
31/08/2024 00:00	19.71	5.69	119.53	12.09	18.78	1.92	55.39	12.09	31.1	8.99	188.66	29.61	3.03	87.36	
31/08/2024 00:05	19.14	5.51	122.36	12.09	18.78	1.95	55.41	12.09	30.19	8.69	193	29.62	3.08	87.38	
31/08/2024 00:10	19.54	5.98	122.19	12.09	18.41	1.82	56.97	12.09	30.85	9.44	192.88	29.04	2.87	89.86	
31/08/2024 00:15	19.6	5.92	120.16	12.09	18.71	1.95	55.39	12.09	30.94	9.34	189.67	29.52	3.07	87.4	
31/08/2024 00:20	19.08	5.57	121.87	12.09	18.42	1.83	54.8	12.09	30.1	8.79	192.27	29.06	2.89	86.45	
31/08/2024 00:25	19.33	5.87	122.17	12.1	18.48	1.86	57.59	12.09	30.52	9.28	192.92	29.15	2.94	90.85	
31/08/2024 00:30	19.35	5.76	121.12	12.1	18.93	1.9	55.09	12.09	30.56	9.1	191.23	29.84	2.99	86.88	
31/08/2024 00:35	19.13	5.53	121.83	12.09	19.5	2.03	55.42	12.08	30.17	8.73	192.17	30.75	3.2	87.39	
31/08/2024 00:40	19.35	5.88	121.08	12.09	18.77	1.96	58.63	12.09	30.54	9.28	191.11	29.61	3.09	92.47	
31/08/2024 00:45	19.38	5.72	118.58	12.09	18.76	1.92	55.42	12.09	30.59	9.03	187.14	29.58	3.03	87.39	
31/08/2024 00:50	19.02	5.47	121.73	12.09	19.08	2.02	55.31	12.08	30	8.63	192.05	30.08	3.18	87.21	
31/08/2024 00:55	19.58	5.74	120.74	12.1	18.53	1.78	57.01	12.09	30.92	9.06	190.67	29.23	2.8	89.91	
31/08/2024 01:00	19.6	5.59	117.73	12.1	18.93	1.99	55.35	12.09	30.95	8.83	185.9	29.87	3.13	87.32	
31/08/2024 01:05	19.01	5.47	121.7	12.09	19.11	1.95	55.78	12.09	29.99	8.63	192.04	30.15	3.08	88	
31/08/2024 01:10	19.53	5.91	121.31	12.1	18.59	1.87	58.25	12.09	30.83	9.33	191.52	29.33	2.96	91.91	
31/08/2024 01:15	19.6	5.8	118.61	12.09	18.84	1.96	54.79	12.09	30.94	9.15	187.23	29.74	3.1	86.46	
31/08/2024 01:20	19.18	5.58	122.02	12.09	18.69	1.94	54.16	12.09	30.27	8.81	192.6	29.48	3.06	85.44	
31/08/2024 01:25	19.58	5.89	121.81	12.1	18.23	1.66	56.91	12.09	30.93	9.31	192.47	28.77	2.62	89.8	
31/08/2024 01:30	19.62	5.79	119.38	12.1	18.8	1.94	55.09	12.09	31	9.14	188.59	29.67	3.07	86.95	
31/08/2024 01:35	19.18	5.58	122.08	12.1	18.88	2	54.81	12.09	30.27	8.81	192.73	29.79	3.16	86.5	
31/08/2024 01:40	19.49	5.89	121.45	12.1	18.69	1.93	57.39	12.09	30.78	9.31	191.83	29.49	3.04	90.58	
31/08/2024 01:45	19.51	5.79	119.21	12.1	18.5	1.84	55.62	12.09	30.81	9.14	188.26	29.19	2.9	87.76	
31/08/2024 01:50	19.14	5.6	122.55	12.1	18.38	1.91	55.5	12.09	30.21	8.85	193.47	28.99	3.01	87.56	
31/08/2024 01:55	19.63	5.95	122.32	12.1	18.39	1.73	56.67	12.09	30.99	9.39	193.13	29	2.73	89.4	
31/08/2024 02:00	19.58	5.72	119.47	12.09	19.03	1.95	54.78	12.09	30.92	9.03	188.59	30.03	3.08	86.44	
31/08/2024 02:05	19.13	5.55	121.6	12.09	18.92	1.78	55.38	12.09	30.19	8.76	191.91	29.85	2.81	87.36	
31/08/2024 02:10	19.55	5.82	121.19	12.1	18.63	1.74	57.17	12.09	30.89	9.19	191.44	29.39	2.74	90.2	
31/08/2024 02:15	19.51	5.65	118.42	12.1	18.78	1.96	55.31	12.09	30.81	8.92	187	29.64	3.09	87.31	
31/08/2024 02:20	19.11	5.47	120.92	12.09	18.78	2	55.28	12.09	30.16	8.63	190.85	29.64	3.16	87.26	
31/08/2024 02:25	19.41	5.85	120.42	12.1	18.51	1.72	56.47	12.09	30.65	9.23	190.17	29.22	2.71	89.13	
31/08/2024 02:30	19.44	5.73	118	12.1	19.07	1.85	53.2	12.09	30.7	9.05	186.33	30.09	2.93	83.96	
31/08/2024 02:35	19.12	5.44	120.48	12.09	19.47	1.97	53.83	12.09	30.17	8.59	190.15	30.72	3.11	84.95	
31/08/2024 02:40	19.51	5.74	120.29	12.1	18.61	1.65	55.99	12.09	30.81	9.06	189.96	29.37	2.61	88.33	
31/08/2024 02:45	19.61	5.59	116.92	12.1	18.82	1.76	52.73	12.09	30.96	8.82	184.6	29.69	2.78	83.18	
31/08/2024 02:50	19.17	5.27	118.43	12.09	18.97	1.84	53.06	12.09	30.25	8.31	186.92	29.92	2.91	83.71	
31/08/2024 02:55	19.5	5.61	118.44	12.1	18.68	1.74	55.31	12.09	30.81	8.87	187.12	29.47	2.74	87.27	
31/08/2024 03:00	19.5	5.51	116.1	12.1	19.05	1.81	52.37	12.09	30.8	8.69	183.34	30.05	2.85	82.62	
31/08/2024 03:05	19.21	5.2	117.63	12.09	18.92	1.58	51.86	12.09	30.31	8.2	185.59	29.84	2.49	81.78	
31/08/2024 03:10	19.44	5.38	116.09	12.1	18.74	1.55	52.84	12.09	30.69	8.49	183.3	29.56	2.44	83.35	
31/08/2024 03:15	19.53	5.3	114.05	12.1	18.91	1.65	50.76	12.09	30.84	8.37	180.06	29.84	2.61	80.09	
31/08/2024 03:20	19.4	5.19	117.15	12.09	19.03	1.78	50.13	12.09	30.61	8.19	184.89	30.02	2.81	79.06	
31/08/2024 03:25	19.61	5.64	119.26	12.1	18.77	1.8	54.68	12.09	30.97	8.91	188.38	29.62	2.84	86.27	
31/08/2024 03:30	19.64	5.57	117.58	12.1	18.97	1.94	53.76	12.09	31.02	8.8	185.69	29.93	3.06	84.82	
31/08/2024 03:35	19.03	5.32	119.89	12.09	18.84	1.97	53.75	12.09	30.03	8.4	189.19	29.72	3.11	84.78	
31/08/2024 03:40	19.38	5.75	119.6	12.1	18.62	1.73	55.96	12.09	30.6	9.08	188.84	29.36	2.73	88.26	
31/08/2024 03:45	19.45	5.58	116.65	12.09	18.93	1.85	53.77	12.09	30.7	8.8	184.14	29.86	2.92	84.82	
31/08/2024 03:50	19.05	5.38	119.88	12.09	18.94	1.91	53.63	12.09	30.05	8.5	189.12	29.86	3.01	84.57	
31/08/2024 03:55	19.45	5.75	120.15	12.09	18.77	1.82	56.52	12.09	30.71	9.07	189.67	29.6	2.87	89.15	
31/08/2024 04:00	19.51	5.56	116.84	12.09	18.86	1.83	53.23	12.08	30.8	8.78	184.42	29.74	2.89	83.94	
31/08/2024 04:05	19.11	5.34	119.86	12.09	19.06	1.84	52.33	12.08	30.14	8.42	189.06	30.06	2.91	82.51	
31/08/2024 04:10	19.52	5.72	119.26	12.09	18.59	1.72	56.11	12.09	30.81	9.03	188.23	29.32	2.71	88.51	
31/08/2024 04:15	19.59	5.65	116.97	12.09	18.9	1.94	54.24	12.09	30.91	8.91	184.6	29.82	3.07	85.57	
31/08/2024 04:20	19.15	5.38	119.56	12.09	18.91	2.03	54.92	12.09	30.22	8.49	188.64	29.83	3.21	86.64	
31/08/2024 04:25	19.54	5.8	119.71	12.1	18.63	1.72	56.15	12.09	30.85	9.16	188.99	29.39	2.71	88.57	
31/08/2024 04:30	19.63	5.73	117.39	12.09	19.03	1.92	53.45	12.09	30.97	9.04	185.27	30.01	3.03	84.29	
31/08/2024 04:35	19.16	5.37	119.81	12.09	19.09	1.95	53.28	12.08	30.22	8.47	188.96	30.11	3.08	84.01	
31/08/2024 04:40	19.66	5.8	120.04	12.09	18.66	1.78	56.11	12.08	31.01	9.16	189.41	29.43	2.81	88.48	
31/08/2024 04:45	19.72	5.65	117.65	12.09	18.93	1.89	54.02	12.08	31.1	8.92	185.6	29.83	2.99	85.16	
31/08/2024 04:50	19.15	5.47	120.71	12.08	18.97	1.91	54.41	12.08	30.19	8.62	190.3	29.9	3.01	85.75	
31/08/2024 04:55	19.57	5.72	120.74	12.09	18.63	1.77	56.72	12.08	30.89	9.02	190.53	29.37	2.78	89.42	
31/08/2024 05:00	19.59	5.64	117.39	12.09	18.91	1.85	53.24	12.09	30.91	8.91	185.23	29.81	2.92	83.96	
31/08/2024 05:05	19.23	5.4	119.99	12.09	19.03	1.99	53.23	12.09	30.33	8.52	189.3	30.02	3.13	83.97	
31/08/2024 05:10	19.63	5.94	119.96	12.1	18.65	1.73	55.99	12.09	30.99	9.38	189.37	29.4	2.73	88.3	
31/08/2024 05:15	19.66	5.76	117.18	12.09	18.94	1.92	55.05	12.09	31.03	9.09	184.96	29.87	3.03	86.82	
31/08/2024 05:20	19.15	5.48	120.41	12.09	18.94	1.92	55.5	12.09	30.2	8.64	189.91	29.86	3.03	87.52	
31/08/2024 05:25	19.28	5.7	119.48	12.09	18.6	1.66	57.23	12.08	30.43	9	188.58	29.32	2.62	90.21	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
31/08/2024 06:50	19.05	5.4	119.1	12.08	18.97	2.05	55.36	12.08	30.03	8.5	187.68	29.9	3.23	87.26	
31/08/2024 06:55	19.24	5.79	119.57	12.08	18.51	1.77	56.38	12.08	30.33	9.13	188.53	29.18	2.79	88.86	
31/08/2024 07:00	19.32	5.66	117.17	12.08	19.05	2	53.64	12.08	30.45	8.92	184.72	30.02	3.15	84.53	
31/08/2024 07:05	18.95	5.39	119.35	12.08	19.53	2.2	53.69	12.08	29.86	8.49	188.06	30.78	3.47	84.62	
31/08/2024 07:10	19.37	5.71	119.75	12.08	18.68	1.78	55.38	12.08	30.54	9	188.81	29.43	2.81	87.23	
31/08/2024 07:15	19.39	5.68	116.09	12.08	18.86	1.87	53.58	12.07	30.57	8.95	183.01	29.71	2.95	84.4	
31/08/2024 07:20	18.96	5.42	119.15	12.08	18.94	1.88	53.5	12.08	29.87	8.53	187.67	29.83	2.96	84.28	
31/08/2024 07:25	19.35	5.71	119.05	12.08	18.4	1.57	55.04	12.07	30.51	9	187.71	28.98	2.47	86.67	
31/08/2024 07:30	19.4	5.65	115.83	12.08	18.64	1.85	53.93	12.08	30.58	8.91	182.6	29.37	2.91	84.97	
31/08/2024 07:35	18.97	5.39	119.54	12.08	18.83	1.94	54.72	12.08	29.89	8.49	188.3	29.67	3.05	86.22	
31/08/2024 07:40	19.4	5.64	118.62	12.08	18.35	1.57	54.54	12.07	30.58	8.89	186.96	28.9	2.47	85.89	
31/08/2024 07:45	19.49	5.48	115.84	12.08	18.91	1.75	53.25	12.07	30.71	8.63	182.54	29.77	2.75	83.85	
31/08/2024 07:50	19.06	5.31	119.18	12.08	18.86	1.64	52.59	12.07	30.02	8.36	187.73	29.69	2.58	82.79	
31/08/2024 07:55	19.62	5.7	118.81	12.08	18.51	1.59	55.99	12.07	30.93	8.98	187.3	29.15	2.51	88.18	
31/08/2024 08:00	19.72	5.6	116.15	12.08	18.93	1.79	53.34	12.07	31.08	8.82	183.07	29.81	2.82	84	
31/08/2024 08:05	19.07	5.19	117.88	12.07	19.02	1.81	52.91	12.07	30.03	8.18	185.63	29.94	2.86	83.3	
31/08/2024 08:10	19.51	5.54	117.38	12.08	18.72	1.6	54.25	12.07	30.73	8.72	184.91	29.48	2.53	85.41	
31/08/2024 08:15	19.57	5.4	114.57	12.07	18.78	1.71	53.22	12.07	30.83	8.5	180.42	29.57	2.68	83.8	
31/08/2024 08:20	19.13	5.09	116.83	12.07	18.77	1.81	53.48	12.07	30.11	8.01	183.87	29.54	2.85	84.2	
31/08/2024 08:25	19.7	5.43	116.54	12.08	18.39	1.41	54.86	12.07	31.04	8.55	183.57	28.94	2.21	86.34	
31/08/2024 08:30	19.64	5.22	113.96	12.07	18.75	1.51	52.23	12.07	30.93	8.23	179.49	29.5	2.37	82.2	
31/08/2024 08:35	19.2	5.09	117.2	12.07	18.59	1.31	51.41	12.06	30.21	8.01	184.47	29.25	2.07	80.87	
31/08/2024 08:40	19.53	5.47	117.31	12.07	18.48	1.37	54.76	12.07	30.77	8.61	184.76	29.08	2.16	86.18	
31/08/2024 08:45	19.6	5.4	115.16	12.07	19.09	1.75	52.84	12.07	30.87	8.5	181.38	30.05	2.76	83.2	
31/08/2024 08:50	19.29	5	116.85	12.07	19.63	1.97	52.58	12.07	30.36	7.87	183.92	30.9	3.1	82.78	
31/08/2024 08:55	19.66	5.27	116.41	12.08	18.92	1.49	54.78	12.07	30.96	8.3	183.38	29.78	2.35	86.25	
31/08/2024 09:00	19.73	5.23	114.5	12.08	18.94	1.64	51.54	12.07	31.07	8.24	180.34	29.82	2.59	81.13	
31/08/2024 09:05	19.23	5.02	117.78	12.07	19.08	1.92	51.28	12.07	30.28	7.91	185.47	30.03	3.03	80.73	
31/08/2024 09:10	19.49	5.46	118.44	12.08	18.77	1.47	55.53	12.07	30.72	8.6	186.68	29.56	2.32	87.47	
31/08/2024 09:15	19.55	5.32	115.16	12.08	18.96	1.64	52.11	12.08	30.81	8.38	181.5	29.86	2.59	82.08	
31/08/2024 09:20	19.12	4.95	118.06	12.08	18.97	2	53.14	12.08	30.13	7.79	186.01	29.89	3.15	83.73	
31/08/2024 09:25	19.62	5.41	117.89	12.09	18.47	1.27	55.32	12.07	30.94	8.53	185.9	29.09	2	87.13	
31/08/2024 09:30	19.67	5.4	113.88	12.08	19.3	1.83	51.71	12.08	31.02	8.52	179.57	30.41	2.88	81.49	
31/08/2024 09:35	19.2	4.98	117.9	12.08	19.77	2.17	50.83	12.08	30.25	7.86	185.79	31.15	3.42	80.11	
31/08/2024 09:40	19.38	5.46	118.98	12.09	19.01	1.58	53.66	12.08	30.58	8.61	187.69	29.95	2.49	84.55	
31/08/2024 09:45	19.35	5.38	117.06	12.09	18.74	1.44	52.4	12.08	30.52	8.48	184.62	29.53	2.27	82.55	
31/08/2024 09:50	19.17	5.02	118.59	12.08	18.75	1.36	53.28	12.08	30.2	7.92	186.86	29.53	2.14	83.92	
31/08/2024 09:55	19.57	5.54	119.05	12.09	18.67	1.33	54.29	12.08	30.88	8.74	187.8	29.4	2.1	85.52	
31/08/2024 10:00	19.56	5.35	116.52	12.09	19.21	1.66	53.26	12.08	30.85	8.44	183.79	30.28	2.61	83.95	
31/08/2024 10:05	19.23	5	118.48	12.08	18.81	1.36	53.81	12.08	30.32	7.89	186.81	29.64	2.14	84.79	
31/08/2024 10:10	19.67	5.46	118.95	12.09	18.64	1.37	55	12.08	31.04	8.61	187.71	29.39	2.17	86.7	
31/08/2024 10:15	19.65	5.3	115.8	12.09	18.74	1.38	52.47	12.08	31	8.37	182.72	29.54	2.17	82.72	
31/08/2024 10:20	19.09	4.98	118.56	12.09	18.64	1.42	52.83	12.08	30.12	7.85	187.08	29.39	2.24	83.3	
31/08/2024 10:25	19.72	5.45	119.17	12.1	18.44	1.24	54.74	12.09	31.14	8.6	188.2	29.09	1.95	86.35	
31/08/2024 10:30	19.9	5.41	116.88	12.1	19.01	1.77	52.21	12.09	31.43	8.55	184.56	30	2.8	82.38	
31/08/2024 10:35	19.06	5.02	118.64	12.09	19.45	2.38	52.78	12.1	30.09	7.92	187.26	30.71	3.75	83.33	
31/08/2024 10:40	19.39	5.41	119.15	12.1	19.1	1.9	55.59	12.1	30.63	8.54	188.18	30.16	3	87.78	
31/08/2024 10:45	19.42	5.19	114.62	12.1	18.99	1.64	52.9	12.09	30.67	8.19	181	29.98	2.59	83.5	
31/08/2024 10:50	19.04	4.97	117.92	12.09	19.22	1.95	53.55	12.1	30.06	7.84	186.15	30.35	3.09	84.55	
31/08/2024 10:55	19.52	5.46	119.04	12.11	18.37	1.27	54.21	12.1	30.86	8.63	188.16	29	2	85.58	
31/08/2024 11:00	19.5	5.27	116.45	12.1	18.68	1.4	53.86	12.1	30.82	8.33	184.05	29.51	2.22	85.09	
31/08/2024 11:05	19.14	5.05	118.79	12.11	18.2	0.98	54.53	12.1	30.25	7.98	187.78	28.75	1.56	86.12	
31/08/2024 11:10	19.26	5.41	118.17	12.11	18.6	1.36	54.67	12.1	30.47	8.55	186.92	29.39	2.15	86.38	
31/08/2024 11:15	19.26	5.33	114.82	12.11	18.99	1.48	51.94	12.11	30.46	8.42	181.59	30.02	2.33	82.1	
31/08/2024 11:20	19.04	4.96	117.88	12.11	18.64	0.97	51.34	12.1	30.1	7.84	186.37	29.45	1.53	81.11	
31/08/2024 11:25	19.21	5.41	118.29	12.12	18.32	1.08	55.28	12.11	30.41	8.57	187.23	28.96	1.71	87.39	
31/08/2024 11:30	19.35	5.39	116.92	12.12	19.14	1.77	53.21	12.11	30.63	8.53	185.06	30.27	2.8	84.16	
31/08/2024 11:35	18.94	4.98	117.38	12.12	19.72	2.3	53.2	12.12	29.98	7.87	185.76	31.21	3.64	84.2	
31/08/2024 11:40	19.27	5.21	116.21	12.12	18.46	1.31	55.19	12.11	30.51	8.25	184	29.2	2.07	87.29	
31/08/2024 11:45	19.36	5.12	114.16	12.12	19.14	1.81	52.74	12.12	30.65	8.1	180.7	30.29	2.86	83.47	
31/08/2024 11:50	19.02	4.9	116.18	12.12	19.28	1.84	52.08	12.11	30.1	7.76	183.84	30.5	2.92	82.39	
31/08/2024 11:55	19.42	5.18	115.22	12.12	18.72	1.58	53.74	12.12	30.75	8.21	182.48	29.63	2.5	85.06	
31/08/2024 12:00	19.52	5.05	112.41	12.12	18.93	1.63	51.17	12.12	30.91	8	178.03	29.97	2.58	81.02	
31/08/2024 12:05	19.05	4.8	115.12	12.12	19.45	2.02	51.16	12.13	30.17	7.6	182.27	30.81	3.19	81.03	
31/08/2024 12:10	19.41	5.4	115.66	12.14	18.48	1.39	53.89	12.12	30.78	8.56	183.42	29.28	2.2	85.36	
31/08/2024 12:15	19.49	5.33	111.81	12.13	18.68	1.38	51.92	12.13	30.91	8.46	177.29	29.61	2.19	82.27	
31/08/2024 12:20	19.03	4.84	115.8	12.13	18.75	1.36	51.2	12.13	30.17	7.67	183.57	29.7	2.15	81.11	
31/08/2024 12:25	19.19	5.28	117.29	12.14	17.86	1.11	55.37	12.13	30.45	8.38	186.14	28.3	1.76	87.75	
31/08/2024 12:30	19	5.03	115	12.14	18.4	1.25	52.23	12.13	30.15	7.97	182.44	29.17	1.98	82.8	
31/08/2024 12:35	18.86	4.86	116.88	12.13	17.83	0.67	51.66	12.13	29.9	7.71	185.33	28.25	1.07	81.84	
31/08/2024 12:40	19.02	5.08	117.11	12.14	18.16	1.2	54.37	12.13	30.18	8.06	185.81	28.8	1.91	86.21	
31/08/2024 12:45	19.06	5.02	114.86	12.14	18.32	1.35	51.66	12.13	30.25	7.96	182.24	29.05	2.14	81.91	
31/08/2024 12:50	18.7	4.89	117.36	12.14	18.72	1.72	51.44	12.13	29.68	7.75	186.22	29.68	2.73	81.57	
31/08															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
31/08/2024 14:15	18.39	4.68	114.31	12.16	18.09	1.43	52.93	12.16	29.26	7.44	181.9	28.77	2.27	84.2	
31/08/2024 14:20	18.55	4.93	116.69	12.17	17.86	1.36	52.22	12.16	29.53	7.85	185.74	28.4	2.16	83.04	
31/08/2024 14:25	18.88	5.43	118	12.18	17.6	1.17	54.76	12.16	30.07	8.65	188	28	1.86	87.12	
31/08/2024 14:30	18.92	5.35	114.31	12.17	18.14	1.54	53.51	12.17	30.14	8.52	182.1	28.87	2.46	85.17	
31/08/2024 14:35	18.26	4.7	116.82	12.17	18.11	1.55	53.81	12.17	29.06	7.48	185.98	28.82	2.46	85.65	
31/08/2024 14:40	19.5	5.75	116.76	12.18	17.62	1.2	54.84	12.16	31.08	9.17	186.12	28.04	1.91	87.27	
31/08/2024 14:45	19.33	5.42	114.03	12.18	18.13	1.44	53.53	12.17	30.8	8.63	181.73	28.87	2.29	85.22	
31/08/2024 14:50	18.6	4.81	115.69	12.17	17.97	1.36	52.75	12.17	29.62	7.66	184.27	28.6	2.16	83.96	
31/08/2024 14:55	18.84	5.19	116.87	12.18	17.52	1.03	54.73	12.17	30.05	8.27	186.37	27.9	1.64	87.15	
31/08/2024 15:00	18.79	5.02	114.13	12.18	18.12	1.43	52.87	12.18	29.96	8	181.94	28.88	2.27	84.24	
31/08/2024 15:05	18.47	4.68	115.03	12.18	18.11	1.36	51.73	12.17	29.44	7.46	183.28	28.84	2.17	82.39	
31/08/2024 15:10	18.86	5.08	114.81	12.19	17.72	1.16	54.5	12.17	30.08	8.11	183.14	28.23	1.85	86.83	
31/08/2024 15:15	18.72	4.93	113.1	12.19	17.86	1.22	52.23	12.18	29.86	7.86	180.4	28.45	1.94	83.22	
31/08/2024 15:20	18.45	4.71	115.79	12.18	17.11	0.98	51.95	12.17	29.41	7.52	184.62	27.25	1.57	82.75	
31/08/2024 15:25	19.03	5.48	116.22	12.19	17.44	1.04	54.7	12.18	30.37	8.75	185.51	27.79	1.67	87.18	
31/08/2024 15:30	19.12	5.41	113.94	12.19	18.2	1.45	52.8	12.19	30.51	8.64	181.85	29.02	2.31	84.21	
31/08/2024 15:35	18.58	4.96	116.37	12.19	18.02	1.42	52.88	12.18	29.64	7.92	185.61	28.73	2.27	84.33	
31/08/2024 15:40	19	5.2	116.87	12.19	17.35	1.06	54.78	12.18	30.32	8.29	186.53	27.67	1.69	87.35	
31/08/2024 15:45	18.98	5.05	113.33	12.19	18.05	1.48	52.75	12.19	30.28	8.06	180.85	28.78	2.36	84.14	
31/08/2024 15:50	18.33	4.71	115.55	12.18	18.05	1.45	52.33	12.18	29.23	7.51	184.27	28.78	2.32	83.44	
31/08/2024 15:55	18.81	5.52	116.72	12.19	17.38	1.31	56.08	12.18	30.03	8.82	186.33	27.71	2.09	89.42	
31/08/2024 16:00	19.05	5.57	114.23	12.19	17.92	1.56	53.39	12.18	30.41	8.89	182.34	28.58	2.49	85.14	
31/08/2024 16:05	18.34	4.85	116.37	12.18	18.11	1.53	52.53	12.18	29.25	7.74	185.57	28.87	2.44	83.73	
31/08/2024 16:10	18.82	5.1	114.96	12.19	17.4	1.34	56.24	12.18	30.02	8.14	183.39	27.73	2.13	89.64	
31/08/2024 16:15	18.77	4.91	112.34	12.18	17.8	1.57	53.91	12.18	29.94	7.83	179.18	28.37	2.5	85.93	
31/08/2024 16:20	18.42	4.78	115.79	12.18	17.78	1.52	54.72	12.18	29.36	7.62	184.5	28.34	2.42	87.2	
31/08/2024 16:25	18.37	5.27	116.72	12.19	17.32	1.25	55.68	12.18	29.31	8.4	186.17	27.59	2	88.72	
31/08/2024 16:30	18.48	5.25	114.92	12.18	17.82	1.4	54.07	12.17	29.47	8.37	183.26	28.38	2.23	86.14	
31/08/2024 16:35	18.78	5.23	116.52	12.17	18.14	1.47	54.3	12.18	29.92	8.33	185.61	28.9	2.34	86.5	
31/08/2024 16:40	18.75	5.15	116.23	12.18	17.85	1.51	57.36	12.17	29.87	8.21	185.23	28.43	2.4	91.37	
31/08/2024 16:45	18.77	5.07	112.53	12.18	17.55	1.35	54.56	12.17	29.9	8.07	179.29	27.94	2.15	86.84	
31/08/2024 16:50	18.49	4.93	116.92	12.17	17.33	1.19	54.3	12.16	29.42	7.84	186.08	27.56	1.89	86.36	
31/08/2024 16:55	19.02	5.24	116.92	12.17	17.17	1.18	56.59	12.16	30.29	8.35	186.19	27.32	1.88	90.03	
31/08/2024 17:00	19.01	5.03	114.25	12.17	18.29	1.83	55.19	12.17	30.26	8.01	181.89	29.1	2.92	87.83	
31/08/2024 17:05	18.42	4.92	116.81	12.16	18.45	1.89	56.02	12.16	29.28	7.82	185.74	29.36	3.01	89.13	
31/08/2024 17:10	18.71	5.28	117.46	12.16	17.85	1.52	57.01	12.16	29.76	8.41	186.87	28.38	2.42	90.67	
31/08/2024 17:15	18.65	5.07	113.99	12.15	17.81	1.45	54.05	12.16	29.64	8.06	181.19	28.32	2.31	85.92	
31/08/2024 17:20	18.3	4.08	110.52	12.12	17.23	1.11	54.83	12.15	28.97	6.45	174.92	27.39	1.76	87.13	
31/08/2024 17:25	18.76	4.66	112.02	12.13	17.33	1.12	56.66	12.15	29.72	7.39	177.49	27.53	1.78	90	
31/08/2024 17:30	18.86	4.64	109.67	12.13	18.06	1.52	53.74	12.15	29.87	7.35	173.74	28.69	2.42	85.38	
31/08/2024 17:35	18.73	4.51	112.42	12.11	17.36	1.11	53.92	12.15	29.62	7.13	177.84	27.57	1.76	85.63	
31/08/2024 17:40	18.79	4.17	112.65	12.11	17.68	1.32	56.47	12.14	29.72	6.6	178.18	28.06	2.09	89.58	
31/08/2024 17:45	18.59	3.91	110.96	12.11	18.46	1.98	54.77	12.14	29.42	6.19	175.53	29.3	3.15	86.95	
31/08/2024 17:50	18.7	5.01	116.58	12.14	18.81	2.53	55.56	12.15	29.65	7.94	184.9	29.87	4.02	88.23	
31/08/2024 17:55	18.74	5.2	118.16	12.14	17.86	1.36	52.92	12.12	29.73	8.24	187.43	28.26	2.16	83.77	
31/08/2024 18:00	18.9	5.32	117.14	12.14	17.91	1.4	47.7	12.1	29.98	8.43	185.8	28.3	2.21	75.37	
31/08/2024 18:05	18.79	5.19	118.52	12.13	17.41	1.06	47.78	12.1	29.76	8.23	187.79	27.49	1.68	75.46	
31/08/2024 18:10	19.27	5.77	117.73	12.13	17.49	1.02	49.88	12.1	30.55	9.16	186.65	27.61	1.62	78.76	
31/08/2024 18:15	19.29	5.64	116.01	12.13	18.03	1.39	47.14	12.09	30.57	8.93	183.84	28.45	2.19	74.4	
31/08/2024 18:20	18.82	5.09	117.16	12.12	18	1.45	47.45	12.09	29.8	8.06	185.48	28.4	2.29	74.87	
31/08/2024 18:25	19.66	5.79	116.36	12.13	18.34	1.39	53.11	12.11	31.16	9.18	184.41	29	2.2	83.96	
31/08/2024 18:30	19.68	5.65	114.2	12.13	18.56	1.55	51.2	12.11	31.17	8.95	180.92	29.36	2.45	80.98	
31/08/2024 18:35	19.07	5.2	117.05	12.11	18.5	1.72	52.08	12.11	30.15	8.21	185.01	29.26	2.72	82.36	
31/08/2024 18:40	19.72	5.93	117.89	12.11	18.24	1.48	56.13	12.1	31.19	9.38	186.46	28.83	2.34	88.7	
31/08/2024 18:45	19.68	5.82	116.46	12.11	18.37	1.7	53.01	12.1	31.11	9.21	184.13	29.02	2.68	83.75	
31/08/2024 18:50	19.08	5.3	117.69	12.1	18.17	1.77	52.94	12.1	30.12	8.37	185.83	28.7	2.79	83.62	
31/08/2024 18:55	19.06	5.41	118.05	12.1	17.86	1.5	56.83	12.09	30.12	8.54	186.53	28.2	2.36	89.72	
31/08/2024 19:00	18.89	5.25	115.1	12.1	18.28	1.62	53.11	12.09	29.84	8.29	181.8	28.84	2.56	83.81	
31/08/2024 19:05	18.63	5.01	118.73	12.09	17.66	1.08	53.02	12.09	29.37	7.9	187.23	27.84	1.7	83.61	
31/08/2024 19:10	18.89	5.32	117.97	12.09	18.04	1.44	55.29	12.09	29.81	8.39	186.13	28.46	2.27	87.2	
31/08/2024 19:15	18.89	5.13	115.29	12.09	18.27	1.57	52.93	12.08	29.79	8.09	181.82	28.8	2.48	83.44	
31/08/2024 19:20	18.63	5	118.18	12.08	17.61	1	53.17	12.08	29.36	7.88	186.22	27.75	1.58	83.78	
31/08/2024 19:25	19.09	5.35	118.02	12.08	17.93	1.28	54.38	12.07	30.09	8.42	185.99	28.24	2.02	85.64	
31/08/2024 19:30	19.1	5.18	114.53	12.08	18.4	1.73	53.41	12.08	30.1	8.16	180.47	28.98	2.73	84.13	
31/08/2024 19:35	19.13	5.37	117.96	12.07	18.08	1.64	54.09	12.08	30.13	8.46	185.78	28.47	2.59	85.2	
31/08/2024 19:40	18.95	5.27	119.14	12.07	17.73	1.27	56.7	12.07	29.84	8.3	187.63	27.9	2	89.24	
31/08/2024 19:45	19.02	5.25	116.99	12.07	18.55	1.6	52.08	12.07	29.94	8.26	184.21	29.2	2.52	81.98	
31/08/2024 19:50	18.5	4.87	118.13	12.07	18.69	1.63	52.41	12.07	29.12	7.67	185.9	29.41	2.56	82.49	
31/08/2024 19:55	19	5.36	118.33	12.07	18.22	1.47	55.68	12.07	29.92	8.43	186.31	28.67	2.31	87.62	
31/08/2024 20:00	19.08	5.25	116.63	12.07	18.58	1.55	52.47	12.06	30.04	8.27	183.59	29.23	2.44	82.54	
31/08/2024 20:05	18.48	4.83	118.39	12.06	18.89	1.58	51.84	12.06	29.06	7.6	186.17	29.71	2.48	81.53	
31/08/2024 20:10	19.89	6.06	119.25	12.07	18.27	1.38	55.03	12.06	31.33	9.54	187.81	28.73	2.17	86.53	
31/08/2024 20:15	19.8	5.85	116.65	12.07	18.56	1.53	52.26	12.06	31.18	9.2	183.65	29.18	2.4		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
31/08/2024 21:40	19.81	5.66	119.68	12.04	18.46	1.31	53.79	12.04	31.09	8.88	187.83	28.94	2.05	84.34	
31/08/2024 21:45	19.96	5.57	117.18	12.04	18.97	1.59	51.1	12.04	31.31	8.74	183.88	29.74	2.49	80.14	
31/08/2024 21:50	19.53	5.32	119.01	12.04	19.22	1.69	51.5	12.03	30.64	8.35	186.69	30.13	2.65	80.73	
31/08/2024 21:55	20.06	5.85	118.97	12.05	18.43	1.3	54.23	12.03	31.51	9.18	186.84	28.89	2.04	85.02	
31/08/2024 22:00	20.09	5.73	116.49	12.05	18.73	1.5	51.33	12.04	31.54	9	182.9	29.37	2.36	80.49	
31/08/2024 22:05	19.2	5.2	119.13	12.04	18.44	1.39	51.95	12.03	30.12	8.16	186.84	28.9	2.18	81.44	
31/08/2024 22:10	19.73	5.86	119.42	12.04	18.56	1.42	54.84	12.03	30.96	9.2	187.39	29.09	2.23	85.97	
31/08/2024 22:15	19.77	5.73	117.03	12.04	18.78	1.51	52.25	12.03	31.02	8.99	183.61	29.45	2.37	81.92	
31/08/2024 22:20	19.36	5.37	118.72	12.04	18.86	1.36	52.44	12.03	30.37	8.42	186.21	29.56	2.13	82.2	
31/08/2024 22:25	18.87	4.9	118.53	12.04	18.48	1.37	54.84	12.03	29.62	7.7	186	28.97	2.14	85.96	
31/08/2024 22:30	18.8	4.67	115.9	12.04	19.04	1.69	52.32	12.04	29.49	7.33	181.8	29.86	2.65	82.06	
31/08/2024 22:35	19.1	5.13	118.68	12.04	18.81	1.58	52.77	12.04	29.96	8.04	186.14	29.51	2.48	82.76	
31/08/2024 22:40	19.67	5.58	118.39	12.04	18.64	1.46	53.84	12.03	30.86	8.76	185.8	29.22	2.28	84.4	
31/08/2024 22:45	19.53	5.25	115.92	12.04	18.89	1.54	51.52	12.03	30.63	8.23	181.85	29.61	2.42	80.75	
31/08/2024 22:50	18.89	4.82	118.62	12.03	18.83	1.56	51.91	12.03	29.6	7.56	185.86	29.5	2.45	81.34	
31/08/2024 22:55	19.41	5.36	118.12	12.04	18.6	1.42	53.88	12.03	30.45	8.4	185.31	29.14	2.23	84.43	
31/08/2024 23:00	19.35	5.12	115.29	12.04	18.8	1.54	51.7	12.03	30.34	8.03	180.8	29.46	2.41	81.02	
31/08/2024 23:05	19.36	5.22	118.22	12.03	18.44	1.22	51.34	12.03	30.34	8.18	185.27	28.88	1.91	80.41	
31/08/2024 23:10	19.71	5.57	119.1	12.04	18.52	1.34	53.23	12.03	30.9	8.74	186.77	29.01	2.1	83.38	
31/08/2024 23:15	19.69	5.45	116.6	12.03	18.98	1.62	51.97	12.03	30.87	8.55	182.83	29.72	2.54	81.4	
31/08/2024 23:20	19.07	4.98	118.17	12.03	18.89	1.56	51.98	12.03	29.88	7.81	185.13	29.59	2.45	81.42	
31/08/2024 23:25	19.72	5.26	117.95	12.03	18.78	1.52	53.88	12.03	30.9	8.24	184.83	29.42	2.38	84.41	
31/08/2024 23:30	19.76	5.22	115.92	12.03	18.89	1.63	51.82	12.03	30.97	8.17	181.62	29.59	2.55	81.18	
31/08/2024 23:35	19.24	5.05	118.17	12.03	18.91	1.75	52.63	12.03	30.14	7.91	185.15	29.62	2.74	82.45	
31/08/2024 23:40	20.38	6.09	118.8	12.04	18.6	1.52	54.63	12.02	31.97	9.55	186.36	29.13	2.39	85.56	
31/08/2024 23:45	20.37	5.97	117.51	12.04	19.06	1.69	51.41	12.03	31.94	9.36	184.3	29.86	2.65	80.52	
31/08/2024 23:50	19.59	5.36	118.33	12.03	19.08	1.75	51.23	12.03	30.7	8.39	185.45	29.88	2.74	80.24	
31/08/2024 23:55	19.69	5.63	119.19	12.04	18.68	1.62	56.02	12.03	30.88	8.82	186.89	29.26	2.54	87.77	
Minimum	10.14	1.43	42.97	12.01	13.09	0.22	29.94	12.02	16.81	2.54	76.1	22.39	0.41	57.79	
MinDate	08/2024 14	08/2024 14	08/2024 14	08/2024 10	08/2024 18	08/2024 13	08/2024 2	08/2024 10	08/2024 14	08/2024 14	08/2024 14	08/2024 18	08/2024 13	08/2024 21	10
Maximum	21.79	15.38	191.43	14.27	20.3	3.42	93.72	13.79	42.56	32.24	319.2	38.2	6.28	160.7	
MaxDate	08/2024 14	08/2024 12	08/2024 03	08/2024 12	08/2024 13	08/2024 18	08/2024 18	08/2024 07	08/2024 14	08/2024 14	08/2024 12	08/2024 03	08/2024 06	08/2024 02	08/2024 18:20
Avg	18.26	6.61	133.28	12.96	18.17	1.81	54.29	12.94	32.08	11.65	234.62	31.8	3.17	94.8	
Num	8928	8928	8928	8928	8928	8928	8928	8928	8928	8928	8928	8928	8928	8928	
Data[%]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
STD	1.1	1.3	13.8	0.5	0.5	0.5	6.7	0.5	2.6	2.5	30.9	1.8	0.9	11	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/09/2024 00:00	19.73	5.55	116.6	12.03	18.94	1.66	51.5	12.03	30.94	8.7	182.81	29.67	2.6	80.68	
01/09/2024 00:05	19.56	5.27	118.47	12.03	18.91	1.75	51.63	12.03	30.64	8.25	185.61	29.61	2.74	80.85	
01/09/2024 00:10	20.12	6.17	118.42	12.04	18.79	1.7	54.66	12.03	31.55	9.68	185.71	29.45	2.66	85.67	
01/09/2024 00:15	20.29	6.17	115.58	12.04	18.99	1.7	51.93	12.03	31.83	9.68	181.28	29.76	2.66	81.38	
01/09/2024 00:20	19.3	5.18	118.45	12.03	19.36	1.84	51.89	12.03	30.26	8.12	185.68	30.34	2.89	81.33	
01/09/2024 00:25	20.19	5.94	118.09	12.04	18.65	1.48	53.5	12.03	31.69	9.32	185.3	29.24	2.32	83.87	
01/09/2024 00:30	20.35	5.92	113.89	12.04	19.16	1.75	50.95	12.04	31.93	9.29	178.71	30.04	2.74	79.9	
01/09/2024 00:35	19.68	5.34	116.91	12.04	19.28	1.81	51.3	12.04	30.86	8.37	183.37	30.24	2.84	80.44	
01/09/2024 00:40	19.39	4.98	117.14	12.04	18.63	1.47	53.78	12.03	30.43	7.81	183.79	29.2	2.31	84.3	
01/09/2024 00:45	19.34	4.85	114.62	12.04	19.1	1.78	51.91	12.04	30.34	7.6	179.78	29.94	2.8	81.4	
01/09/2024 00:50	19.28	5.05	117.27	12.03	19.16	1.78	52.22	12.04	30.23	7.91	183.84	30.04	2.79	81.89	
01/09/2024 00:55	20.3	5.84	117.79	12.04	18.62	1.67	56.28	12.03	31.86	9.16	184.83	29.2	2.61	88.23	
01/09/2024 01:00	20.26	5.66	115.45	12.04	19.03	1.71	51.24	12.03	31.79	8.88	181.14	29.84	2.68	80.33	
01/09/2024 01:05	19.53	5.4	118.17	12.04	19.23	1.69	51.27	12.03	30.64	8.48	185.37	30.16	2.65	80.38	
01/09/2024 01:10	20.32	5.96	118.53	12.05	18.81	1.59	54.34	12.04	31.91	9.35	186.16	29.5	2.49	85.21	
01/09/2024 01:15	20.21	5.8	115.97	12.05	18.94	1.71	52.1	12.03	31.73	9.1	182.08	29.69	2.68	81.67	
01/09/2024 01:20	19.47	5.32	117.82	12.03	18.88	1.7	52.41	12.03	30.52	8.33	184.72	29.59	2.67	82.15	
01/09/2024 01:25	20.4	5.97	117.66	12.04	18.64	1.54	53.86	12.03	32.01	9.37	184.6	29.21	2.42	84.43	
01/09/2024 01:30	20.41	5.81	115.39	12.04	18.85	1.85	52.05	12.03	32.02	9.12	181.02	29.55	2.9	81.6	
01/09/2024 01:35	19.34	5.32	117.95	12.03	18.67	1.92	52.92	12.04	30.32	8.34	184.9	29.28	3.02	82.99	
01/09/2024 01:40	19.87	5.63	118.29	12.04	18.66	1.67	53.76	12.03	31.17	8.83	185.58	29.25	2.62	84.27	
01/09/2024 01:45	20.03	5.59	115.98	12.04	18.92	1.77	51.82	12.03	31.42	8.77	181.94	29.66	2.77	81.23	
01/09/2024 01:50	19.37	5.26	117.16	12.04	19.19	1.91	52.2	12.03	30.38	8.25	183.7	30.08	2.99	81.85	
01/09/2024 01:55	19.64	5.42	117.8	12.04	18.66	1.57	54.02	12.03	30.8	8.5	184.75	29.24	2.47	84.67	
01/09/2024 02:00	19.69	5.39	115.1	12.04	19.08	1.8	50.96	12.03	30.88	8.45	180.48	29.91	2.83	79.87	
01/09/2024 02:05	19.04	5.09	118.32	12.03	19.03	1.81	50.73	12.03	29.83	7.98	185.42	29.83	2.84	79.52	
01/09/2024 02:10	20.19	6.36	118.23	12.04	18.69	1.76	55.05	12.03	31.68	9.99	185.56	29.3	2.76	86.3	
01/09/2024 02:15	20.27	6.18	115.53	12.04	18.8	1.82	52.29	12.04	31.81	9.7	181.3	29.47	2.86	81.99	
01/09/2024 02:20	19.55	5.4	118.46	12.04	19.06	1.89	52.13	12.04	30.65	8.46	185.75	29.89	2.97	81.74	
01/09/2024 02:25	19.76	5.81	118.88	12.04	18.63	1.61	54.78	12.04	31.01	9.12	186.57	29.22	2.53	85.9	
01/09/2024 02:30	19.84	5.82	116.24	12.04	18.88	1.79	52.7	12.04	31.14	9.14	182.4	29.61	2.81	82.65	
01/09/2024 02:35	19.54	5.46	118.23	12.03	19.03	1.78	52.72	12.04	30.63	8.55	185.37	29.85	2.8	82.68	
01/09/2024 02:40	20.08	5.92	116.94	12.04	18.67	1.62	55.15	12.03	31.52	9.29	183.52	29.27	2.55	86.48	
01/09/2024 02:45	20.08	5.84	114.91	12.04	18.88	1.77	52.19	12.03	31.51	9.17	180.31	29.59	2.77	81.78	
01/09/2024 02:50	19.5	5.5	118.34	12.03	18.7	1.72	52.2	12.03	30.56	8.62	185.48	29.3	2.69	81.79	
01/09/2024 02:55	19.8	6.14	119.22	12.04	18.69	1.69	54.9	12.03	31.05	9.63	186.97	29.29	2.65	86.01	
01/09/2024 03:00	19.85	5.94	115.83	12.04	19.02	1.83	51.73	12.03	31.12	9.32	181.63	29.8	2.87	81.06	
01/09/2024 03:05	19.44	5.4	117.86	12.03	19.05	1.95	52.14	12.03	30.46	8.47	184.68	29.84	3.06	81.68	
01/09/2024 03:10	19.94	5.98	118.72	12.04	18.84	1.83	56.37	12.03	31.29	9.39	186.29	29.51	2.86	88.32	
01/09/2024 03:15	20.02	5.94	117.09	12.04	18.88	1.78	52.21	12.03	31.41	9.33	183.71	29.58	2.78	81.8	
01/09/2024 03:20	19.59	5.47	118.01	12.03	19	1.91	52.02	12.03	30.7	8.58	184.97	29.77	2.99	81.5	
01/09/2024 03:25	20.38	6.19	118.28	12.04	18.66	1.68	55.18	12.03	31.98	9.72	185.58	29.23	2.64	86.46	
01/09/2024 03:30	20.35	6.09	115.81	12.04	18.83	1.82	52.89	12.03	31.93	9.55	181.68	29.51	2.86	82.89	
01/09/2024 03:35	19.57	5.65	118.57	12.03	18.94	1.86	52.58	12.03	30.68	8.86	185.88	29.68	2.92	82.39	
01/09/2024 03:40	20.1	5.99	117.82	12.04	18.63	1.7	55.48	12.03	31.53	9.4	184.85	29.19	2.67	86.94	
01/09/2024 03:45	19.95	5.8	115.64	12.04	18.84	1.83	52.83	12.03	31.28	9.09	181.35	29.53	2.86	82.78	
01/09/2024 03:50	19.53	5.65	118.9	12.03	18.86	1.72	53	12.03	30.61	8.85	186.36	29.54	2.69	83.02	
01/09/2024 03:55	20.08	6.06	119.02	12.04	18.87	1.9	55.52	12.03	31.5	9.51	186.68	29.57	2.98	86.98	
01/09/2024 04:00	20.02	5.96	116.74	12.04	18.88	1.85	53.04	12.03	31.39	9.34	183.07	29.58	2.9	83.09	
01/09/2024 04:05	19.44	5.59	118.7	12.03	19.03	1.95	54.25	12.03	30.45	8.76	185.98	29.82	3.06	85	
01/09/2024 04:10	20	6.24	120.65	12.04	18.69	1.83	57.55	12.03	31.37	9.79	189.22	29.28	2.87	90.17	
01/09/2024 04:15	20.01	6.08	118.24	12.04	18.93	1.96	53.85	12.03	31.37	9.54	185.41	29.66	3.06	84.36	
01/09/2024 04:20	19.58	5.53	118.71	12.03	18.72	2.09	53.91	12.03	30.68	8.67	186.01	29.32	3.28	84.43	
01/09/2024 04:25	20	5.96	118.69	12.04	18.65	1.81	55.81	12.03	31.38	9.35	186.22	29.22	2.84	87.45	
01/09/2024 04:30	19.97	5.81	116.69	12.04	19	1.95	53.96	12.03	31.31	9.11	183	29.78	3.06	84.54	
01/09/2024 04:35	19.6	5.6	119.68	12.03	19.14	2.11	53.91	12.03	30.73	8.78	187.63	29.98	3.31	84.44	
01/09/2024 04:40	20.2	6.26	119.3	12.04	18.85	1.8	56.46	12.03	31.7	9.83	187.21	29.55	2.82	88.48	
01/09/2024 04:45	20.23	6.14	116.81	12.04	19.08	1.91	53.23	12.03	31.75	9.63	183.29	29.91	3	83.44	
01/09/2024 04:50	19.73	5.7	119.3	12.03	19.11	1.94	54.03	12.03	30.93	8.94	187.02	29.96	3.04	84.7	
01/09/2024 04:55	20.15	6.06	118.79	12.04	18.83	1.83	54.72	12.03	31.61	9.5	186.35	29.5	2.86	85.76	
01/09/2024 05:00	20.11	5.92	116.27	12.04	18.92	1.84	52.73	12.03	31.54	9.28	182.35	29.63	2.89	82.6	
01/09/2024 05:05	19.65	5.63	118.47	12.03	18.86	1.81	53.19	12.03	30.79	8.83	185.65	29.55	2.84	83.33	
01/09/2024 05:10	20.1	6.08	118.9	12.04	18.75	1.71	55.13	12.03	31.53	9.54	186.51	29.37	2.68	86.38	
01/09/2024 05:15	20.05	5.85	115.84	12.04	18.99	1.86	52.89	12.03	31.44	9.18	181.68	29.76	2.91	82.88	
01/09/2024 05:20	19.49	5.55	118.22	12.03	19	1.84	53.08	12.03	30.55	8.71	185.3	29.77	2.89	83.17	
01/09/2024 05:25	20.14	6.09	118.85	12.04	18.73	1.66	56.43	12.03	31.6	9.56	186.54	29.35	2.61	88.42	
01/09/2024 05:30	20.2	6.07	115.62	12.04	19.06	1.87	51.93	12.03	31.7	9.52	181.43	29.86	2.92	81.38	
01/09/2024 05:35	19.45	5.45	118.6	12.03	19.11	1.92	51.34	12.03	30.47	8.55	185.86	29.94	3.01	80.44	
01/09/2024 05:40	20.09	6.06	118.44	12.04	18.92	1.87	55.73	12.03	31.51	9.51	185.78	29.63	2.93	87.31	
01/09/2024 05:45	20.11	5.89	115.84	12.04	18.86	1.8	52.59	12.03	31.54	9.24	181.66	29.54	2.81	82.37	
01/09/2024 05:50	19.65	5.55	117.59	12.03	19	1.95	53.75	12.03	30.79	8.7	184.27	29.77	3.06	84.21	
01/09/2024 05:55	19.86	5.98	118.04	12.04	18.62	1.68	54.8	12.02	31.14	9.37	185.08	29.17	2.63	85.83	
01/09/2024 06:00	19.85	5.81	115.5	12.03	18.86	1.83	53.24	12.03	31.11	9.11	181.05	29.			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/09/2024 07:45	19.61	5.7	115.67	12.02	18.79	1.9	53.16	12.02	30.71	8.92	181.16	29.41	2.98	83.23	
01/09/2024 07:50	19.49	5.44	117.22	12.02	18.78	1.86	52.7	12.02	30.5	8.51	183.45	29.4	2.91	82.5	
01/09/2024 07:55	19.76	6.11	118.3	12.03	18.48	1.7	54.91	12.02	30.97	9.57	185.41	28.91	2.66	85.94	
01/09/2024 08:00	19.8	6.01	115.13	12.03	18.78	1.81	52.96	12.02	31.03	9.42	180.42	29.39	2.84	82.88	
01/09/2024 08:05	19.41	5.4	116.25	12.02	18.73	1.95	54.3	12.02	30.38	8.46	181.91	29.32	3.06	84.98	
01/09/2024 08:10	19.7	5.63	116.29	12.02	18.53	1.72	56.11	12.02	30.85	8.82	182.08	29	2.69	87.81	
01/09/2024 08:15	19.68	5.42	113.01	12.02	18.85	1.72	51.67	12.02	30.82	8.49	176.92	29.5	2.7	80.86	
01/09/2024 08:20	19.4	5.19	115.6	12.02	19.02	1.88	51.48	12.02	30.36	8.13	180.93	29.76	2.94	80.56	
01/09/2024 08:25	19.48	5.49	115.56	12.02	18.5	1.5	54.18	12.02	30.5	8.6	180.88	28.95	2.36	84.77	
01/09/2024 08:30	19.57	5.49	113.25	12.02	18.96	1.66	51.77	12.02	30.62	8.59	177.23	29.67	2.6	81.01	
01/09/2024 08:35	19.41	5.1	115.24	12.01	19.17	1.78	51.63	12.01	30.35	7.97	180.2	29.99	2.79	80.76	
01/09/2024 08:40	19.57	5.49	116.38	12.02	18.81	1.64	53.49	12.01	30.63	8.59	182.19	29.42	2.57	83.66	
01/09/2024 08:45	19.81	5.52	114.08	12.02	19.19	1.77	51.59	12.01	31	8.64	178.56	30.02	2.76	80.7	
01/09/2024 08:50	19.47	5.09	114.65	12.01	19.64	2.02	50.61	12.01	30.45	7.96	179.28	30.71	3.15	79.14	
01/09/2024 08:55	19.49	5.21	115.67	12.02	18.87	1.51	54.61	12.01	30.49	8.14	180.99	29.51	2.35	85.39	
01/09/2024 09:00	19.55	5.22	113.35	12.01	18.82	1.56	50.72	12.01	30.58	8.17	177.33	29.42	2.43	79.28	
01/09/2024 09:05	19.07	4.64	114.74	12	18.52	1.39	50.5	12	29.8	7.25	179.28	28.92	2.17	78.88	
01/09/2024 09:10	20.35	5.9	115.51	12.01	18.66	1.47	53.18	12	31.84	9.23	180.7	29.16	2.3	83.1	
01/09/2024 09:15	20.33	5.7	113.27	12.01	18.81	1.47	51.33	12	31.8	8.92	177.14	29.39	2.29	80.21	
01/09/2024 09:20	19.46	5.15	115.88	12.01	19.03	1.59	51.53	12	30.42	8.05	181.12	29.74	2.49	80.52	
01/09/2024 09:25	20.05	5.53	115.98	12.01	18.74	1.52	52.88	12.01	31.36	8.64	181.39	29.29	2.38	82.64	
01/09/2024 09:30	19.97	5.36	112.75	12.01	18.85	1.55	51.16	12	31.22	8.38	176.29	29.45	2.42	79.94	
01/09/2024 09:35	19.18	4.96	115.5	12	18.69	1.45	51.78	12	29.96	7.75	180.44	29.2	2.27	80.91	
01/09/2024 09:40	19.66	5.44	115.27	12.01	18.45	1.36	54.28	12	30.74	8.51	180.23	28.84	2.13	84.81	
01/09/2024 09:45	19.77	5.39	113.85	12.01	18.93	1.52	50.84	12	30.91	8.43	178	29.56	2.38	79.42	
01/09/2024 09:50	18.92	4.74	115.85	12	19.08	1.72	50.7	12	29.56	7.41	181	29.8	2.69	79.2	
01/09/2024 09:55	20.16	5.83	116.2	12.01	18.77	1.38	52.34	12	31.54	9.13	181.77	29.33	2.16	81.79	
01/09/2024 10:00	20.2	5.58	112.55	12.01	18.94	1.6	51.65	12.01	31.6	8.73	176.02	29.6	2.51	80.74	
01/09/2024 10:05	19.31	5.06	116.27	12.01	19.78	2.17	51.36	12.01	30.18	7.9	181.74	30.93	3.4	80.31	
01/09/2024 10:10	19.03	4.76	115.94	12.01	18.43	1.27	53.91	12.01	29.75	7.44	181.23	28.8	1.98	84.25	
01/09/2024 10:15	19.02	4.64	112.65	12.01	18.82	1.48	52.33	12.01	29.72	7.25	176.06	29.41	2.31	81.8	
01/09/2024 10:20	19.22	4.94	115.18	12.01	18.8	1.38	52.22	12	30.05	7.72	180.08	29.37	2.15	81.6	
01/09/2024 10:25	19.64	5.46	114.78	12.02	18.3	1.13	53.83	12.01	30.74	8.55	179.65	28.61	1.77	84.14	
01/09/2024 10:30	19.53	5.3	113.27	12.02	18.66	1.37	51.82	12.01	30.56	8.29	177.25	29.17	2.14	81.04	
01/09/2024 10:35	19.07	5.07	116.5	12.01	18	0.66	50.92	12	29.83	7.93	182.24	28.13	1.03	79.57	
01/09/2024 10:40	20.13	5.81	116.23	12.03	18.11	0.95	54.66	12.01	31.54	9.11	182.12	28.32	1.49	85.49	
01/09/2024 10:45	20.06	5.54	113.57	12.03	19.1	1.69	51.19	12.02	31.43	8.68	177.91	29.91	2.65	80.14	
01/09/2024 10:50	18.73	4.71	115.52	12.02	19.25	1.67	50.89	12.02	29.33	7.37	180.83	30.14	2.62	79.69	
01/09/2024 10:55	18.7	4.4	114.96	12.03	18.53	1.38	54.06	12.03	29.29	6.9	180.09	29.03	2.16	84.68	
01/09/2024 11:00	18.71	4.25	111.99	12.03	18.64	1.43	51.18	12.03	29.31	6.66	175.46	29.21	2.24	80.19	
01/09/2024 11:05	19.18	5.02	115.66	12.04	18.92	1.59	50.33	12.03	30.07	7.88	181.37	29.65	2.5	78.87	
01/09/2024 11:10	19.77	5.76	115.87	12.05	18.53	1.42	53.45	12.03	31.03	9.05	181.9	29.06	2.23	83.81	
01/09/2024 11:15	19.7	5.5	113.35	12.05	18.61	1.51	51.72	12.04	30.93	8.64	177.94	29.19	2.36	81.11	
01/09/2024 11:20	18.69	4.59	115.12	12.04	18.3	1.38	52.38	12.04	29.32	7.2	180.65	28.7	2.16	82.16	
01/09/2024 11:25	20.06	5.75	115.1	12.06	18.4	1.28	53.72	12.05	31.53	9.03	180.94	28.89	2.01	84.34	
01/09/2024 11:30	19.89	5.49	112.91	12.06	18.56	1.41	51.19	12.05	31.26	8.63	177.46	29.16	2.21	80.41	
01/09/2024 11:35	18.87	4.64	114.27	12.05	17.69	0.75	51.52	12.05	29.65	7.29	179.58	27.77	1.18	80.88	
01/09/2024 11:40	19.3	5.04	113.95	12.06	17.72	0.8	53.33	12.05	30.37	7.93	179.26	27.84	1.26	83.79	
01/09/2024 11:45	19.3	4.93	111.74	12.06	18.47	1.36	51.49	12.06	30.37	7.75	175.76	29.05	2.14	80.98	
01/09/2024 11:50	18.81	4.54	113.7	12.06	18.19	1.2	51.27	12.06	29.58	7.14	178.86	28.6	1.89	80.6	
01/09/2024 11:55	19.4	4.98	114.12	12.08	18.15	1.32	53.54	12.07	30.56	7.84	179.79	28.56	2.07	84.24	
01/09/2024 12:00	19.18	4.66	112.01	12.07	18.25	1.28	51.8	12.07	30.2	7.34	176.39	28.74	2.02	81.55	
01/09/2024 12:05	18.67	4.65	114.17	12.07	17.89	0.89	51.08	12.07	29.41	7.32	179.81	28.15	1.4	80.37	
01/09/2024 12:10	19.61	5.44	113.48	12.08	17.84	0.97	53.22	12.07	30.92	8.58	178.91	28.08	1.52	83.77	
01/09/2024 12:15	19.66	5.22	111.12	12.08	18.54	1.58	51.78	12.08	30.99	8.23	175.16	29.2	2.49	81.58	
01/09/2024 12:20	18.72	4.5	113.67	12.07	18.88	1.86	51.73	12.08	29.48	7.08	179.04	29.75	2.93	81.54	
01/09/2024 12:25	19.81	5.73	113.93	12.09	17.78	1.16	53.56	12.08	31.28	9.05	179.84	28.01	1.83	84.4	
01/09/2024 12:30	19.71	5.5	110.29	12.09	18.74	1.72	51.86	12.09	31.11	8.68	174.07	29.55	2.72	81.8	
01/09/2024 12:35	18.85	4.62	113.84	12.09	18.36	1.47	51.72	12.09	29.74	7.29	179.54	28.95	2.32	81.56	
01/09/2024 12:40	19.09	4.78	113.63	12.09	18.25	1.38	53.53	12.09	30.14	7.55	179.34	28.79	2.17	84.44	
01/09/2024 12:45	19.33	4.9	111.77	12.09	18.72	1.54	51.5	12.09	30.51	7.74	176.41	29.54	2.44	81.26	
01/09/2024 12:50	18.82	4.64	113.32	12.09	19.39	2.08	53	12.09	29.71	7.33	178.87	30.6	3.28	83.64	
01/09/2024 12:55	19.3	4.9	112.52	12.11	18.26	1.28	52.42	12.09	30.51	7.75	177.9	28.82	2.01	82.75	
01/09/2024 13:00	19.23	4.67	109.4	12.11	18.44	1.36	49.9	12.1	30.4	7.38	172.94	29.14	2.15	78.82	
01/09/2024 13:05	18.89	4.51	112.6	12.1	18.14	1.13	50.59	12.1	29.84	7.13	177.87	28.65	1.78	79.9	
01/09/2024 13:10	19.43	4.92	112.88	12.11	17.79	1.03	53.31	12.1	30.72	7.78	178.45	28.11	1.63	84.23	
01/09/2024 13:15	19.34	4.78	110.7	12.11	18.15	1.3	52.09	12.11	30.57	7.55	175.01	28.7	2.06	82.37	
01/09/2024 13:20	18.74	4.61	113.25	12.11	17.75	1	51.8	12.1	29.63	7.29	179.08	28.05	1.58	81.86	
01/09/2024 13:25	19.46	4.97	113.2	12.12	17.67	1.11	54.86	12.11	30.79	7.87	179.15	27.94	1.75	86.75	
01/09/2024 13:30	19.3	4.77	110.51	12.12	18.02	1.59	53.02	12.12	30.54	7.55	174.87	28.51	2.51	83.9	
01/09/2024 13:35	18.64	4.56	113.54	12.11	18.08	1.66	53.36	12.12	29.48	7.21	179.55	28.61	2.62	84.45	
01/09/2024 13:40	19.16	5.1	113.71	12.12	17.6	1.28	54.92	12.11	30.35	8.07	180.08	27.84	2.02	86.89	
01/09/2024 13:45	19.16	4.86	110.8	12.12	18.11	1.49	51.86	12.12	30.34	7.7	175.44	28.66	2.36	82.08	
01/09/2024 13:50															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/09/2024 15:30	18.87	5.35	113.6	12.14	17.62	1.53	55	12.14	29.93	8.49	180.23	27.95	2.43	87.24	
01/09/2024 15:35	18.45	4.95	116.36	12.13	17.75	1.74	55.23	12.14	29.25	7.84	184.45	28.15	2.75	87.6	
01/09/2024 15:40	18.36	4.67	116.79	12.13	17.36	1.43	57.18	12.13	29.11	7.41	185.13	27.52	2.27	90.64	
01/09/2024 15:45	18.09	4.42	114.69	12.13	17.82	1.64	54.36	12.13	28.67	7	181.74	28.24	2.6	86.14	
01/09/2024 15:50	18.43	4.98	117.34	12.13	17.58	1.09	54.11	12.12	29.21	7.89	185.97	27.84	1.73	85.7	
01/09/2024 15:55	17.9	4.46	117.7	12.12	17	1.11	57.29	12.12	28.36	7.07	186.43	26.93	1.77	90.73	
01/09/2024 16:00	17.92	4.46	115.59	12.12	17.98	1.8	54.95	12.13	28.39	7.07	183.07	28.49	2.86	87.07	
01/09/2024 16:05	18.86	5.25	117.11	12.12	17.7	1.42	54.66	12.12	29.87	8.31	185.5	28.03	2.25	86.55	
01/09/2024 16:10	19.23	5.53	116.51	12.13	17.42	1.33	56.26	12.12	30.47	8.77	184.64	27.57	2.1	89.05	
01/09/2024 16:15	19.25	5.41	113.87	12.13	17.73	1.63	54.52	12.12	30.5	8.58	180.41	28.06	2.59	86.3	
01/09/2024 16:20	18.44	5.02	117.63	12.12	18.44	2.02	54.09	12.12	29.19	7.94	186.19	29.19	3.19	85.64	
01/09/2024 16:25	18.88	5.33	116.93	12.12	17.15	1.26	57.07	12.11	29.88	8.43	185.08	27.13	2	90.25	
01/09/2024 16:30	18.74	5.14	114.6	12.11	17.66	1.72	55.82	12.11	29.65	8.14	181.3	27.91	2.73	88.26	
01/09/2024 16:35	18.54	5.08	118.34	12.1	17.27	1.53	55.11	12.1	29.28	8.03	186.93	27.28	2.42	87.08	
01/09/2024 16:40	19.03	5.51	119.2	12.1	16.87	1.18	57.18	12.1	30.07	8.71	188.36	26.64	1.87	90.29	
01/09/2024 16:45	18.9	5.35	116.74	12.1	17.69	1.66	55.42	12.1	29.86	8.46	184.45	27.94	2.62	87.52	
01/09/2024 16:50	18.48	5.06	118.64	12.1	17.5	1.64	54.75	12.1	29.2	7.99	187.41	27.63	2.59	86.45	
01/09/2024 16:55	19.08	5.48	118.92	12.1	17.35	1.56	58.03	12.1	30.14	8.65	187.86	27.4	2.46	91.62	
01/09/2024 17:00	19.13	5.37	115.56	12.09	17.67	1.54	54.58	12.09	30.19	8.48	182.41	27.88	2.44	86.13	
01/09/2024 17:05	18.71	4.49	112.26	12.06	18.16	2.03	55.22	12.1	29.43	7.06	176.57	28.66	3.21	87.17	
01/09/2024 17:10	19.23	4.75	113.11	12.07	17.66	1.6	57.58	12.09	30.27	7.48	178.04	27.87	2.52	90.84	
01/09/2024 17:15	19.03	4.51	111.04	12.07	17.99	1.75	54.51	12.09	29.94	7.09	174.71	28.39	2.76	86.02	
01/09/2024 17:20	18.58	4.45	113.75	12.06	17.58	1.47	54.67	12.09	29.2	6.99	178.81	27.73	2.32	86.23	
01/09/2024 17:25	19.02	4.81	114.73	12.07	17.71	1.62	57.03	12.09	29.93	7.56	180.52	27.94	2.55	89.95	
01/09/2024 17:30	19.11	4.92	112.59	12.07	18.13	1.66	51.06	12.07	30.08	7.74	177.21	28.53	2.61	80.38	
01/09/2024 17:35	18.7	5.1	118.38	12.08	19.03	2.08	47.88	12.06	29.48	8.04	186.61	29.92	3.27	75.26	
01/09/2024 17:40	19.12	5.45	118.86	12.09	17.97	1.47	50.92	12.05	30.16	8.59	187.52	28.24	2.31	80.03	
01/09/2024 17:45	19.02	5.19	114.86	12.08	18.11	1.6	47.92	12.05	29.98	8.18	181.1	28.45	2.51	75.27	
01/09/2024 17:50	18.65	5.08	118.06	12.07	18.25	1.64	47.5	12.05	29.38	8	185.93	28.66	2.58	74.59	
01/09/2024 17:55	18.81	5.34	118.88	12.08	17.44	1.04	49.65	12.04	29.65	8.42	187.37	27.37	1.64	77.93	
01/09/2024 18:00	18.93	5.29	116.23	12.08	18.25	1.51	48.55	12.05	29.82	8.33	183.16	28.66	2.38	76.27	
01/09/2024 18:05	18.85	5.29	118.21	12.07	18.78	1.92	50.95	12.07	29.67	8.33	186.08	29.56	3.03	80.2	
01/09/2024 18:10	18.92	4.93	117.92	12.07	17.16	1.06	53.12	12.06	29.78	7.77	185.61	26.98	1.66	83.51	
01/09/2024 18:15	19.02	4.95	115.63	12.07	18.04	1.89	53.33	12.06	29.92	7.79	181.96	28.38	2.97	83.89	
01/09/2024 18:20	18.7	5.11	117.63	12.06	18.61	2.38	53.78	12.07	29.41	8.03	184.95	29.28	3.74	84.62	
01/09/2024 18:25	18.85	5.34	117.46	12.06	17.88	1.84	56.23	12.06	29.66	8.4	184.79	28.11	2.89	88.41	
01/09/2024 18:30	18.88	5.19	114.28	12.06	17.89	1.54	53.03	12.06	29.7	8.16	179.74	28.12	2.42	83.36	
01/09/2024 18:35	18.62	5.06	117.83	12.06	18.14	1.75	54.27	12.06	29.26	7.96	185.18	28.51	2.75	85.29	
01/09/2024 18:40	19	5.5	120.08	12.06	17.4	1.37	58.33	12.05	29.89	8.65	188.86	27.34	2.15	91.65	
01/09/2024 18:45	18.91	5.35	117.54	12.06	17.91	1.73	53.31	12.05	29.73	8.41	184.81	28.14	2.72	83.76	
01/09/2024 18:50	18.46	4.95	118.62	12.05	17.55	1.28	52.8	12.05	28.99	7.77	186.23	27.55	2.01	82.89	
01/09/2024 18:55	18.71	5.35	118.99	12.05	17.31	1.2	55.45	12.04	29.39	8.4	186.92	27.16	1.89	87.03	
01/09/2024 19:00	19.98	5.45	114.61	12.05	17.88	1.66	53.5	12.04	29.81	8.56	180.01	28.07	2.6	83.95	
01/09/2024 19:05	18.45	5	118.53	12.04	18.3	1.97	53.83	12.05	28.94	7.85	185.91	28.72	3.09	84.5	
01/09/2024 19:10	18.04	4.67	117.3	12.04	17.73	1.71	57.69	12.04	28.3	7.32	183.99	27.82	2.68	90.52	
01/09/2024 19:15	18.11	4.63	113.33	12.04	17.69	1.58	53.97	12.04	28.41	7.26	177.73	27.75	2.48	84.65	
01/09/2024 19:20	18.96	5.34	118.66	12.03	17.53	1.63	53.72	12.04	29.73	8.37	186.02	27.49	2.55	84.24	
01/09/2024 19:25	19.21	5.71	119.04	12.04	17.29	1.35	56.5	12.03	30.13	8.97	186.76	27.1	2.12	88.54	
01/09/2024 19:30	19.36	5.73	116.6	12.04	17.78	1.6	54.66	12.03	30.37	8.99	182.91	27.85	2.51	85.64	
01/09/2024 19:35	18.64	5.15	118.64	12.02	18.06	1.81	55.03	12.03	29.19	8.07	185.79	28.3	2.84	86.22	
01/09/2024 19:40	18.23	4.86	118.18	12.02	17.56	1.4	56.41	12.02	28.54	7.61	185.02	27.49	2.2	88.31	
01/09/2024 19:45	18.39	5.02	116.1	12.02	18.21	1.89	54.42	12.02	28.79	7.86	181.75	28.51	2.96	85.2	
01/09/2024 19:50	18.39	5.01	119.94	12.02	18.73	2.14	53.69	12.02	28.78	7.83	187.69	29.33	3.35	84.04	
01/09/2024 19:55	18.86	5.54	120.27	12.03	17.7	1.37	55.82	12.02	29.54	8.68	188.39	27.69	2.15	87.34	
01/09/2024 20:00	18.95	5.48	117.79	12.02	18.54	1.93	54.64	12.02	29.68	8.58	184.47	29.01	3.02	85.5	
01/09/2024 20:05	18.6	5.15	120.63	12.01	19.23	2.08	53.58	12.02	29.1	8.06	188.65	30.1	3.25	83.84	
01/09/2024 20:10	19.05	5.54	120.48	12.02	17.8	1.41	56.98	12.01	29.82	8.68	188.6	27.84	2.21	89.13	
01/09/2024 20:15	19.14	5.43	118.03	12.02	18.32	1.9	53.98	12.02	29.95	8.5	184.72	28.66	2.97	84.46	
01/09/2024 20:20	18.61	5.13	119.85	12.01	18.58	2.08	54.27	12.02	29.09	8.02	187.35	29.07	3.25	84.92	
01/09/2024 20:25	19.03	5.47	119.15	12.01	17.98	1.59	56.35	12.01	29.75	8.55	186.33	28.11	2.49	88.09	
01/09/2024 20:30	19.06	5.41	117.92	12.01	18.11	1.87	55.39	12.01	29.8	8.47	184.36	28.31	2.92	86.58	
01/09/2024 20:35	18.59	5.14	119.7	12	17.91	1.92	55.77	12	29.03	8.03	186.96	27.98	3	87.14	
01/09/2024 20:40	19.13	5.43	119.07	12.01	17.83	1.56	57.62	12	29.9	8.49	186.08	27.85	2.44	90.01	
01/09/2024 20:45	19.2	5.35	116.63	12	18.28	1.77	54.8	12	29.99	8.35	182.21	28.55	2.77	85.61	
01/09/2024 20:50	18.48	4.96	118.6	12	17.89	1.63	54.69	12	28.84	7.74	185.13	27.94	2.54	85.41	
01/09/2024 20:55	18.66	4.94	118.2	12	17.7	1.32	55.99	12	29.13	7.71	184.52	27.64	2.07	87.41	
01/09/2024 21:00	18.68	4.88	116.02	11.99	18.38	1.74	53.28	12	29.15	7.61	181.1	28.7	2.71	83.21	
01/09/2024 21:05	19	5.15	118.13	12	18.11	1.58	53.72	12	29.67	8.04	184.47	28.27	2.47	83.87	
01/09/2024 21:10	19.16	5.07	118.75	12	17.68	1.34	57.22	11.99	29.93	7.92	185.49	27.6	2.09	89.3	
01/09/2024 21:15	19.12	4.99	115.5	12	18.36	1.81	54.25	12	29.86	7.8	180.37	28.66	2.82	84.68	
01/09/2024 21:20	19.32	5.65	119.57	11.99	18.44	1.84	53.92	11.99	30.15	8.82	186.64	28.78	2.88	84.16	
01/09/2024 21:25	19.61	6.13	119.49	12	18.22	1.68	56.31	11.99	30.62	9.57	186.6	28.43	2.62	87.88	
01/09/2024 21:30	19.62	6.02	117.18	12	18.6	1.83	53.99	11.99	30.64	9.4	182.96	29.02	2.86	84.25	
01/09/2024															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/09/2024 23:15	20.03	6.73	120.55	12	18.7	2.25	56.7	11.99	31.29	10.51	188.3	29.18	3.51	88.47	
01/09/2024 23:20	19.39	6.2	122.33	11.99	18.97	2.31	56.31	11.99	30.27	9.67	190.93	29.59	3.61	87.84	
01/09/2024 23:25	19.78	6.79	122.85	12	18.48	2.15	58.1	11.99	30.9	10.6	191.87	28.83	3.36	90.62	
01/09/2024 23:30	19.73	6.57	118.26	12	18.6	2.28	55.9	11.99	30.82	10.25	184.67	29.01	3.56	87.19	
01/09/2024 23:35	19.47	6.3	122.48	11.99	18.53	2.45	56.75	11.99	30.38	9.83	191.14	28.91	3.83	88.54	
01/09/2024 23:40	20.03	6.7	121.6	12	18.33	2.14	56.67	11.99	31.29	10.46	190.01	28.6	3.34	88.4	
01/09/2024 23:45	20.02	6.61	118.37	12	18.66	2.37	56.66	11.99	31.28	10.33	184.93	29.13	3.69	88.43	
01/09/2024 23:50	19.58	6.36	122.34	11.99	18.81	2.39	57.16	11.99	30.56	9.93	190.95	29.36	3.73	89.2	
01/09/2024 23:55	20.01	6.91	122.68	12.01	18.49	2.22	58.71	11.99	31.27	10.8	191.72	28.86	3.46	91.62	
02/09/2024 00:00	20.04	6.81	120.59	12	18.67	2.37	56.66	11.99	31.31	10.63	188.41	29.13	3.7	88.42	
02/09/2024 00:05	19.66	6.55	123.96	12	18.81	2.44	56.89	11.99	30.69	10.22	193.49	29.35	3.8	88.74	
02/09/2024 00:10	19.84	7.05	124.49	12	18.52	2.32	59.22	11.99	31	11.01	194.48	28.88	3.62	92.38	
02/09/2024 00:15	19.76	6.9	122.13	12	18.72	2.42	56.8	11.99	30.87	10.79	190.78	29.21	3.77	88.64	
02/09/2024 00:20	19.57	6.58	123.71	12	18.83	2.44	56.28	11.99	30.55	10.27	193.12	29.37	3.8	87.81	
02/09/2024 00:25	19.84	6.96	123.16	12.01	18.67	2.34	58.16	11.99	31.01	10.88	192.47	29.14	3.66	90.77	
02/09/2024 00:30	19.86	6.85	120.29	12	18.8	2.44	55.93	11.99	31.03	10.7	187.92	29.35	3.81	87.29	
02/09/2024 00:35	19.67	6.59	123.56	12	18.81	2.5	56.39	12	30.71	10.28	192.89	29.37	3.9	88.02	
02/09/2024 00:40	19.94	6.93	122.65	12.01	18.6	2.35	58.18	12	31.17	10.84	191.72	29.03	3.68	90.82	
02/09/2024 00:45	19.93	6.73	119.98	12	18.93	2.44	55.85	11.99	31.15	10.52	187.48	29.54	3.81	87.15	
02/09/2024 00:50	19.55	6.55	123.44	11.99	18.86	2.36	55.11	11.99	30.51	10.23	192.66	29.42	3.68	85.96	
02/09/2024 00:55	20.03	6.99	122.94	12.01	18.63	2.33	57.8	11.99	31.31	10.92	192.13	29.07	3.64	90.2	
02/09/2024 01:00	20.03	6.88	120.64	12	19.03	2.48	55.68	11.99	31.3	10.75	188.51	29.7	3.88	86.9	
02/09/2024 01:05	19.63	6.52	122.96	12	19.22	2.58	55.58	11.99	30.65	10.17	191.96	29.99	4.02	86.73	
02/09/2024 01:10	19.99	6.97	123.22	12.01	18.78	2.48	59.23	11.99	31.24	10.9	192.6	29.32	3.88	92.44	
02/09/2024 01:15	20	6.87	120.95	12.01	19.03	2.59	56.23	11.99	31.26	10.74	189.03	29.7	4.04	87.76	
02/09/2024 01:20	19.55	6.59	124.03	12	19.47	2.6	55.45	11.99	30.52	10.3	193.63	30.38	4.05	86.53	
02/09/2024 01:25	19.99	7.08	123.57	12	18.77	2.49	59.27	11.99	31.23	11.05	193.04	29.3	3.89	92.49	
02/09/2024 01:30	20	6.94	121.14	12	18.93	2.59	56.62	11.99	31.23	10.85	189.21	29.55	4.05	88.37	
02/09/2024 01:35	19.56	6.62	123.1	11.99	18.92	2.67	56.91	11.99	30.53	10.33	192.1	29.53	4.17	88.8	
02/09/2024 01:40	19.83	7.09	123.53	12	18.62	2.51	59.48	11.99	30.98	11.08	193.01	29.06	3.92	92.8	
02/09/2024 01:45	19.81	6.92	121.01	12	18.8	2.62	57.2	11.99	30.94	10.81	189.02	29.32	4.09	89.21	
02/09/2024 01:50	19.54	6.61	123.58	11.99	18.83	2.6	56.3	11.99	30.48	10.31	192.79	29.36	4.05	87.8	
02/09/2024 01:55	19.79	7.1	123.28	12	18.55	2.42	57.24	11.99	30.9	11.08	192.49	28.94	3.78	89.28	
02/09/2024 02:00	19.8	7.01	121.31	11.99	18.86	2.61	56.39	11.99	30.9	10.95	189.35	29.42	4.06	87.97	
02/09/2024 02:05	19.43	6.67	123.69	11.99	18.89	2.58	55.88	11.99	30.31	10.4	192.96	29.46	4.02	87.13	
02/09/2024 02:10	19.76	7.04	123.74	12	18.61	2.48	58.46	11.99	30.86	10.99	193.23	29.02	3.86	91.16	
02/09/2024 02:15	19.83	6.96	121.82	12	18.81	2.62	56.41	11.99	30.96	10.87	190.21	29.33	4.09	87.97	
02/09/2024 02:20	19.55	6.74	125.24	11.99	18.66	2.64	57.28	11.99	30.5	10.52	195.43	29.1	4.12	89.34	
02/09/2024 02:25	19.52	7.3	125.8	12	18.44	2.65	61.39	11.99	30.48	11.39	196.49	28.77	4.14	95.79	
02/09/2024 02:30	19.52	7.01	121.94	12	18.57	2.74	58.44	11.99	30.48	10.94	190.41	28.99	4.27	91.21	
02/09/2024 02:35	19.31	6.6	123.68	12	18.38	2.85	58.55	11.99	30.15	10.31	193.07	28.68	4.44	91.37	
02/09/2024 02:40	19.89	6.98	124.12	12	18.21	2.58	61.12	11.99	31.07	10.91	193.91	28.42	4.02	95.37	
02/09/2024 02:45	19.87	6.92	122.25	12	18.51	2.77	59.59	11.99	31.04	10.81	190.97	28.9	4.33	93	
02/09/2024 02:50	19.33	6.61	123.7	11.99	18.64	2.81	59.2	11.99	30.17	10.32	193.06	29.09	4.39	92.38	
02/09/2024 02:55	19.6	6.92	122.27	12	18.11	2.51	58.93	11.99	30.61	10.82	190.99	28.25	3.91	91.93	
02/09/2024 03:00	19.61	6.84	120.5	12	18.36	2.65	58.24	11.99	30.62	10.68	188.17	28.63	4.13	90.83	
02/09/2024 03:05	19.39	6.66	123.78	11.99	18.42	2.74	59.08	11.99	30.25	10.39	193.11	28.73	4.27	92.14	
02/09/2024 03:10	19.54	7.04	124.46	12	18.25	2.69	62.03	11.99	30.51	10.99	194.33	28.46	4.2	96.72	
02/09/2024 03:15	19.5	6.95	122.34	12	18.44	2.78	59.02	11.99	30.44	10.85	190.98	28.77	4.33	92.06	
02/09/2024 03:20	19.34	6.69	123.63	11.99	18.23	2.72	58.23	11.99	30.17	10.44	192.84	28.43	4.24	90.81	
02/09/2024 03:25	19.68	7.12	123.49	11.99	18.15	2.64	61.53	11.99	30.72	11.11	192.74	28.3	4.12	95.96	
02/09/2024 03:30	19.63	6.91	121.06	11.99	18.44	2.78	59.78	11.99	30.63	10.78	188.92	28.76	4.34	93.25	
02/09/2024 03:35	19.36	6.76	124.66	11.99	18.3	2.89	60.45	11.99	30.2	10.54	194.5	28.54	4.51	94.3	
02/09/2024 03:40	19.59	7.09	124.41	12	18.17	2.67	61.04	11.99	30.6	11.08	194.27	28.34	4.17	95.2	
02/09/2024 03:45	19.54	6.89	120.97	12	18.36	2.82	59.63	11.99	30.51	10.76	188.86	28.63	4.4	93.03	
02/09/2024 03:50	19.25	6.62	123.44	11.99	18.33	2.85	60.23	11.99	30.04	10.32	192.61	28.6	4.44	93.99	
02/09/2024 03:55	19.55	7.12	123.67	12	18.05	2.69	61.85	11.99	30.52	11.11	193.13	28.16	4.2	96.47	
02/09/2024 04:00	19.55	7.06	122.24	12	18.38	2.85	60.72	11.99	30.52	11.02	190.86	28.67	4.44	94.71	
02/09/2024 04:05	19.35	6.76	124.76	11.99	18.25	2.99	61.19	11.99	30.18	10.55	194.63	28.46	4.66	95.41	
02/09/2024 04:10	19.44	7.17	125.34	11.99	18.03	2.65	63.85	11.98	30.33	11.2	195.6	28.1	4.13	99.52	
02/09/2024 04:15	19.48	7.04	122.91	11.99	18.46	2.86	60.81	11.98	30.4	10.98	191.75	28.78	4.46	94.81	
02/09/2024 04:20	19.2	6.71	124.78	11.98	18.69	2.94	61.09	11.98	29.94	10.46	194.54	29.13	4.58	95.25	
02/09/2024 04:25	19.76	7.14	125.39	12	18.47	2.74	62.69	11.98	30.85	11.15	195.79	28.8	4.27	97.74	
02/09/2024 04:30	19.76	7.05	121.04	12	18.65	2.81	59.39	11.98	30.85	11	188.97	29.07	4.37	92.58	
02/09/2024 04:35	19.29	6.8	125.43	11.99	18.72	2.85	58.86	11.98	30.08	10.6	195.61	29.18	4.44	91.75	
02/09/2024 04:40	19.84	7.16	124.52	12	18.33	2.62	61.29	11.98	30.97	11.18	194.41	28.57	4.09	95.54	
02/09/2024 04:45	19.84	7.04	122.1	12	18.54	2.74	59.29	11.98	30.97	10.98	190.6	28.9	4.27	92.43	
02/09/2024 04:50	19.16	6.76	125.45	11.99	18.72	2.78	59.16	11.98	29.89	10.55	195.72	29.18	4.34	92.21	
02/09/2024 04:55	19.46	7.26	125.84	12	18.12	2.61	62.29	11.98	30.38	11.33	196.45	28.25	4.06	97.1	
02/09/2024 05:00	19.47	7.11	123.24	11.99	18.43	2.77	59.79	11.98	30.38	11.1	192.33	28.73	4.31	93.22	
02/09/2024 05:05	19.2	6.68	125.01	11.98	18.58	2.83	60.52	11.98	29.92	10.41	194.82	28.96	4.41	94.35	
02/09/2024 05:10	19.51	7.17	126.19	11.99	18.34	2.74	62.77	11.98	30.43	11.18	196.88	28.58	4.27	97.84	
02/09/2024 05:15	19.48	7.06	122.18	11.99	18.44	2.8	60.11	11.98	30.39	11.02	190.58	28.73	4.37		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
02/09/2024 07:00	19.35	6.94	123.35	11.98	18.35	2.82	61.24	11.97	30.16	10.81	192.23	28.55	4.38	95.31	
02/09/2024 07:05	18.85	6.76	126.63	11.97	18.69	2.77	60.91	11.97	29.33	10.53	197.07	29.08	4.31	94.79	
02/09/2024 07:10	19.27	7.26	126.91	11.97	18.04	2.61	63.74	11.97	30	11.31	197.63	28.06	4.06	99.16	
02/09/2024 07:15	19.24	7.12	124.43	11.97	18	2.73	61.48	11.97	29.96	11.09	193.76	28	4.25	95.65	
02/09/2024 07:20	18.98	6.68	126.09	11.97	18	2.83	61.88	11.97	29.54	10.4	196.24	28	4.4	96.26	
02/09/2024 07:25	19.34	7.11	126.99	11.98	17.86	2.63	63.94	11.96	30.11	11.08	197.78	27.78	4.09	99.47	
02/09/2024 07:30	19.4	7.08	125.81	11.97	18.17	2.71	61.19	11.96	30.21	11.03	195.9	28.27	4.22	95.17	
02/09/2024 07:35	18.91	6.68	127.35	11.96	18.25	2.74	61.89	11.96	29.42	10.4	198.09	28.38	4.25	96.24	
02/09/2024 07:40	19.29	7.05	127.7	11.97	17.96	2.58	63.25	11.96	30.03	10.97	198.84	27.94	4.02	98.36	
02/09/2024 07:45	19.26	6.82	123.21	11.97	18.3	2.67	60.5	11.96	29.99	10.62	191.81	28.45	4.15	94.04	
02/09/2024 07:50	18.8	6.66	127.17	11.96	18.42	2.69	60.53	11.96	29.24	10.35	197.75	28.64	4.18	94.09	
02/09/2024 07:55	19.07	6.8	126.72	11.96	18.09	2.51	62.49	11.95	29.65	10.58	197.07	28.1	3.9	97.1	
02/09/2024 08:00	19.01	6.7	122.74	11.96	18.4	2.57	59.98	11.95	29.55	10.41	190.83	28.58	3.99	93.15	
02/09/2024 08:05	18.86	6.63	127.16	11.96	18.39	2.53	59.98	11.95	29.32	10.3	197.68	28.56	3.93	93.16	
02/09/2024 08:10	19.22	6.99	127.8	11.97	18.01	2.48	63.37	11.95	29.9	10.87	198.85	27.98	3.85	98.45	
02/09/2024 08:15	19.4	6.81	123.82	11.96	18.35	2.65	61.25	11.95	30.17	10.59	192.6	28.5	4.12	95.14	
02/09/2024 08:20	18.94	6.57	126.99	11.95	18.45	2.74	60.38	11.95	29.43	10.21	197.28	28.65	4.25	93.73	
02/09/2024 08:25	19.19	7.1	127.73	11.96	17.94	2.54	64.15	11.95	29.84	11.04	198.67	27.86	3.95	99.64	
02/09/2024 08:30	19.16	6.99	125.27	11.96	18.01	2.62	62.76	11.95	29.8	10.88	194.83	27.98	4.07	97.49	
02/09/2024 08:35	18.78	6.52	126.76	11.95	17.72	2.6	62.78	11.95	29.18	10.12	196.96	27.52	4.03	97.5	
02/09/2024 08:40	19.18	7.06	128.06	11.96	17.75	2.52	64.76	11.95	29.83	10.97	199.15	27.56	3.92	100.58	
02/09/2024 08:45	19.19	6.89	124.85	11.96	18.44	2.55	61.26	11.95	29.84	10.72	194.14	28.64	3.97	95.14	
02/09/2024 08:50	18.9	6.48	126.88	11.95	18.64	2.6	61	11.95	29.36	10.06	197.12	28.95	4.03	94.72	
02/09/2024 08:55	18.98	6.95	127.34	11.96	18.21	2.33	64.39	11.95	29.51	10.8	197.95	28.28	3.62	99.97	
02/09/2024 09:00	19	6.84	125.04	11.96	18.41	2.44	60.93	11.95	29.53	10.63	194.33	28.58	3.79	94.59	
02/09/2024 09:05	18.97	6.41	125.65	11.95	18.41	2.42	59.98	11.95	29.46	9.96	195.11	28.57	3.76	93.11	
02/09/2024 09:10	19.32	6.8	126.13	11.95	18.06	2.39	64.56	11.94	30.02	10.56	195.94	28.02	3.71	100.19	
02/09/2024 09:15	19.36	6.73	124.2	11.95	18.45	2.39	61.04	11.94	30.08	10.46	192.94	28.63	3.72	94.73	
02/09/2024 09:20	18.99	6.34	126.13	11.95	18.67	2.47	61.44	11.94	29.48	9.84	195.8	28.97	3.83	95.33	
02/09/2024 09:25	19.54	6.67	125.77	11.95	18.27	2.18	64.28	11.94	30.36	10.36	195.4	28.36	3.39	99.76	
02/09/2024 09:30	19.65	6.53	121.92	11.95	18.37	2.19	58.11	11.94	30.51	10.15	189.37	28.5	3.4	90.16	
02/09/2024 09:35	19.19	6.04	123.74	11.94	18.48	2.17	58	11.94	29.77	9.37	192.01	28.67	3.37	89.97	
02/09/2024 09:40	19.23	6.48	125.01	11.95	18.15	2.01	62	11.94	29.86	10.06	194.08	28.15	3.11	96.17	
02/09/2024 09:45	19.11	6.31	121.86	11.95	18.23	2.25	60.49	11.94	29.67	9.8	189.17	28.28	3.5	93.82	
02/09/2024 09:50	19.11	6.1	124.41	11.94	18.44	2.28	59.83	11.94	29.64	9.46	193.02	28.59	3.54	92.77	
02/09/2024 09:55	19.37	6.44	123.83	11.94	18.15	2	63.23	11.93	30.06	9.99	192.17	28.14	3.1	98.03	
02/09/2024 10:00	19.44	6.36	121.76	11.94	18.5	2.14	59.7	11.93	30.17	9.86	188.94	28.67	3.32	92.54	
02/09/2024 10:05	19.05	6.08	124.9	11.93	18.67	2.24	60.47	11.93	29.54	9.43	193.66	28.94	3.47	93.73	
02/09/2024 10:10	19.48	6.54	124.89	11.94	18.29	2.2	63.72	11.93	30.22	10.16	193.81	28.34	3.41	98.77	
02/09/2024 10:15	19.57	6.48	122.76	11.94	18.56	2.14	59.02	11.93	30.37	10.06	190.5	28.76	3.32	91.47	
02/09/2024 10:20	18.91	6.11	124.98	11.93	18.69	2.28	59.22	11.93	29.32	9.47	193.78	28.95	3.54	91.75	
02/09/2024 10:25	19.18	6.52	125.61	11.94	18.34	2.08	62.43	11.93	29.77	10.12	194.92	28.42	3.22	96.73	
02/09/2024 10:30	19.27	6.49	122.57	11.94	18.54	2.15	60.69	11.93	29.9	10.08	190.2	28.73	3.32	94.04	
02/09/2024 10:35	19.02	6.07	124.87	11.94	18.58	2.11	60.5	11.93	29.48	9.42	193.61	28.79	3.27	93.75	
02/09/2024 10:40	19.31	6.55	125.77	11.94	18.25	2.06	63.49	11.93	29.97	10.16	195.16	28.28	3.19	98.41	
02/09/2024 10:45	19.32	6.43	123.42	11.94	18.48	2.16	61.05	11.93	29.98	9.97	191.49	28.64	3.35	94.62	
02/09/2024 10:50	19.02	6.12	125.43	11.94	18.77	2.2	62.03	11.93	29.49	9.49	194.5	29.09	3.42	96.15	
02/09/2024 10:55	19.42	6.51	126.44	11.94	18.27	2.04	63.79	11.93	30.13	10.1	196.22	28.33	3.16	98.9	
02/09/2024 11:00	19.47	6.42	123.74	11.94	18.57	2.17	61.01	11.94	30.22	9.96	192.01	28.8	3.36	94.6	
02/09/2024 11:05	18.95	6.07	125.72	11.94	18.69	2.14	60.3	11.93	29.39	9.42	195	28.97	3.32	93.47	
02/09/2024 11:10	19.31	6.52	126.25	11.94	18.29	1.96	63.01	11.94	29.97	10.12	195.95	28.36	3.04	97.7	
02/09/2024 11:15	19.37	6.53	123.67	11.94	18.6	2.15	61.28	11.94	30.06	10.13	191.95	28.85	3.33	95.07	
02/09/2024 11:20	19.01	6.18	126.21	11.94	18.5	2.13	60.44	11.94	29.5	9.6	195.87	28.7	3.3	93.75	
02/09/2024 11:25	19.31	6.34	124.6	11.94	18.2	2.01	63.38	11.93	29.98	9.85	193.39	28.22	3.12	98.26	
02/09/2024 11:30	19.39	6.26	121.89	11.94	18.19	2.23	62.15	11.93	30.08	9.72	189.1	28.17	3.46	96.26	
02/09/2024 11:35	18.96	6.2	125.87	11.93	17.56	2.38	64.09	11.92	29.38	9.61	194.99	27.2	3.68	99.25	
02/09/2024 11:40	19.48	6.73	126.6	11.94	17.9	2.23	65.62	11.93	30.22	10.44	196.37	27.74	3.45	101.66	
02/09/2024 11:45	19.48	6.56	123.98	11.94	18.4	2.26	61.13	11.93	30.22	10.17	192.31	28.52	3.51	94.76	
02/09/2024 11:50	18.94	6.22	125.89	11.94	18.47	2.31	60.89	11.93	29.38	9.65	195.28	28.62	3.59	94.35	
02/09/2024 11:55	19.23	6.53	125.34	11.95	18.17	2.13	63.73	11.94	29.86	10.14	194.65	28.19	3.3	98.84	
02/09/2024 12:00	19.2	6.41	123.13	11.95	18.17	2.18	61.77	11.94	29.82	9.95	191.19	28.19	3.39	95.84	
02/09/2024 12:05	18.91	6.16	126.02	11.94	18.11	2.25	62.27	11.94	29.35	9.57	195.58	28.1	3.49	96.62	
02/09/2024 12:10	19.36	6.58	125.93	11.95	17.71	2.01	63.55	11.94	30.07	10.22	195.62	27.48	3.12	98.61	
02/09/2024 12:15	19.43	6.47	121.59	11.95	18.15	2.25	62.25	11.94	30.17	10.05	188.86	28.17	3.49	96.61	
02/09/2024 12:20	18.99	6.16	125.73	11.95	18.19	2.39	64.17	11.94	29.5	9.57	195.28	28.23	3.71	99.59	
02/09/2024 12:25	19.28	6.69	126.87	11.96	17.78	2.16	65.97	11.95	29.98	10.4	197.27	27.6	3.36	102.43	
02/09/2024 12:30	19.26	6.52	124.34	11.96	18.23	2.33	63.62	11.95	29.94	10.14	193.29	28.32	3.62	98.8	
02/09/2024 12:35	18.82	6.03	125.34	11.95	18.36	2.34	63.59	11.95	29.23	9.36	194.66	28.5	3.64	98.73	
02/09/2024 12:40	19.21	6.46	126.16	11.96	17.94	2.09	65.5	11.95	29.87	10.05	196.16	27.86	3.25	101.7	
02/09/2024 12:45	19.2	6.37	124.52	11.96	18.11	2.24	62.08	11.95	29.85	9.9	193.59	28.12	3.48	96.38	
02/09/2024 12:50	18.71	6.08	126.29	11.95	18.27	2.24	61.5	11.95	29.07	9.45	196.17	28.35	3.47	95.46	
02/09/2024 12:55	19.19	6.53	126.43	11.96	17.84	2.01	63.75	11.95	29.85	10.15	196.6	27.7	3.12	99	
02/09/2024 13:00	19.28	6.5	123.2	11.96	18.38	2.45									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
02/09/2024 14:45	19.04	6.57	124.93	11.96	17.73	2.41	64.55	11.95	29.62	10.22	194.29	27.55	3.74	100.29	
02/09/2024 14:50	18.54	6.21	127.37	11.95	17.66	2.33	63.42	11.95	28.8	9.65	197.87	27.43	3.62	98.52	
02/09/2024 14:55	19.09	6.63	128.54	11.96	17.36	2.07	65.53	11.95	29.67	10.31	199.81	26.95	3.22	101.77	
02/09/2024 15:00	19.05	6.54	126.7	11.96	17.89	2.49	66.5	11.95	29.6	10.16	196.89	27.79	3.87	103.28	
02/09/2024 15:05	18.59	6.43	129.58	11.95	18	2.39	67.25	11.95	28.87	9.98	201.18	27.95	3.71	104.43	
02/09/2024 15:10	19.32	6.81	128.88	11.95	17.58	2.31	69.02	11.94	30	10.58	200.18	27.29	3.58	107.14	
02/09/2024 15:15	19.33	6.69	123.82	11.95	18	2.43	65.03	11.94	30.01	10.4	192.28	27.93	3.77	100.91	
02/09/2024 15:20	18.83	6.24	127.89	11.94	18.14	2.45	64.06	11.94	29.23	9.69	198.48	28.14	3.81	99.39	
02/09/2024 15:25	19.12	6.64	128.8	11.94	17.72	2.31	67.73	11.94	29.67	10.3	199.9	27.49	3.58	105.06	
02/09/2024 15:30	19.11	6.53	126.12	11.94	17.81	2.43	65.2	11.94	29.66	10.13	195.7	27.62	3.77	101.1	
02/09/2024 15:35	18.72	6.32	128.61	11.93	17.58	2.5	65.22	11.93	29	9.79	199.29	27.25	3.88	101.11	
02/09/2024 15:40	19.14	6.67	127.79	11.94	17.6	2.32	67.54	11.93	29.68	10.34	198.16	27.27	3.59	104.64	
02/09/2024 15:45	19.14	6.49	124.88	11.93	17.99	2.57	66.7	11.93	29.67	10.06	193.59	27.86	3.97	103.3	
02/09/2024 15:50	18.61	6.33	127.86	11.92	18.05	2.63	66.56	11.92	28.82	9.8	197.98	27.95	4.07	103.07	
02/09/2024 15:55	19.19	6.75	129.03	11.92	17.73	2.26	66.6	11.92	29.72	10.46	199.83	27.44	3.5	103.06	
02/09/2024 16:00	19.19	6.65	126.62	11.92	17.91	2.34	63.19	11.92	29.71	10.3	196.06	27.71	3.62	97.76	
02/09/2024 16:05	18.79	6.13	127.26	11.91	17.97	2.34	62.19	11.91	29.06	9.48	196.85	27.79	3.63	96.16	
02/09/2024 16:10	19.1	6.61	127.93	11.92	17.68	2.09	63.51	11.91	29.56	10.22	197.95	27.33	3.23	98.18	
02/09/2024 16:15	19.09	6.55	125.83	11.91	18.14	2.43	64.49	11.91	29.52	10.13	194.66	28.04	3.75	99.68	
02/09/2024 16:20	18.61	6.43	129.94	11.9	18.33	2.64	66.34	11.91	28.75	9.93	200.79	28.33	4.08	102.54	
02/09/2024 16:25	19.08	6.88	130.74	11.91	17.62	2.32	68.56	11.9	29.49	10.63	202.1	27.22	3.58	105.88	
02/09/2024 16:30	19.09	6.8	128.44	11.91	17.88	2.59	66.71	11.9	29.5	10.51	198.5	27.61	4	103.01	
02/09/2024 16:35	18.66	6.64	131.21	11.9	17.97	2.7	66.41	11.9	28.81	10.25	202.59	27.74	4.18	102.53	
02/09/2024 16:40	19.04	7.15	132.22	11.91	17.74	2.53	69.34	11.9	29.43	11.05	204.38	27.39	3.91	107.08	
02/09/2024 16:45	19.08	7.1	129.97	11.91	17.88	2.6	66.54	11.9	29.49	10.98	200.9	27.62	4.02	102.77	
02/09/2024 16:50	18.47	6.7	131.25	11.9	17.77	2.63	66.3	11.9	28.53	10.34	202.71	27.44	4.06	102.39	
02/09/2024 16:55	18.68	7.09	131.72	11.9	17.33	2.44	68.93	11.9	28.87	10.96	203.54	26.76	3.77	106.44	
02/09/2024 17:00	18.67	6.77	128.11	11.9	17.7	2.62	67.09	11.9	28.83	10.46	197.82	27.33	4.04	103.58	
02/09/2024 17:05	18.57	5.83	126.12	11.86	17.78	2.67	66.86	11.9	28.55	8.96	193.98	27.45	4.13	103.21	
02/09/2024 17:10	18.95	6.14	126.39	11.86	17.44	2.35	68.83	11.89	29.15	9.45	194.43	26.9	3.62	106.15	
02/09/2024 17:15	18.94	6.04	124.03	11.87	17.96	2.65	66.88	11.89	29.13	9.29	190.82	27.71	4.09	103.21	
02/09/2024 17:20	18.54	5.94	128.17	11.86	18.11	2.63	66.17	11.89	28.51	9.14	197.12	27.94	4.05	102.09	
02/09/2024 17:25	18.97	6.22	126.63	11.87	17.75	2.42	68.12	11.89	29.19	9.57	194.83	27.38	3.73	105.05	
02/09/2024 17:30	19.03	6.27	124.81	11.87	18.13	2.4	62.15	11.87	29.29	9.66	192.13	27.91	3.69	95.7	
02/09/2024 17:35	18.62	6.73	131.81	11.89	18.39	2.19	57.97	11.86	28.73	10.39	203.36	28.27	3.36	89.11	
02/09/2024 17:40	19.04	7.13	131.71	11.9	18	2.13	60.6	11.86	29.4	11.02	203.4	27.68	3.27	93.21	
02/09/2024 17:45	19.06	6.97	128.58	11.9	18.07	2.19	57.98	11.86	29.43	10.76	198.53	27.79	3.37	89.16	
02/09/2024 17:50	18.61	6.72	131.18	11.89	17.86	2.22	58.19	11.86	28.72	10.38	202.43	27.47	3.41	89.51	
02/09/2024 17:55	18.94	7.19	131.69	11.9	17.7	2.03	60	11.86	29.24	11.1	203.35	27.22	3.12	92.28	
02/09/2024 18:00	19.02	7.13	127.93	11.9	18.21	2.27	59.44	11.87	29.37	11	197.52	28.02	3.5	91.48	
02/09/2024 18:05	18.56	6.65	130.81	11.89	18.75	2.49	61.97	11.88	28.62	10.25	201.73	28.89	3.83	95.49	
02/09/2024 18:10	18.96	7.12	131.6	11.89	17.99	2.43	65.39	11.88	29.25	10.98	203.06	27.73	3.75	100.81	
02/09/2024 18:15	19	7.04	129.27	11.89	17.98	2.6	63.86	11.89	29.32	10.87	199.46	27.74	4.01	98.5	
02/09/2024 18:20	18.66	6.69	130.68	11.89	18.05	2.63	63.09	11.89	28.78	10.32	201.58	27.83	4.05	97.29	
02/09/2024 18:25	19.31	6.99	130.01	11.9	17.6	2.5	67.78	11.89	29.82	10.8	200.72	27.14	3.85	104.55	
02/09/2024 18:30	19.38	6.92	129.14	11.9	17.99	2.6	64.99	11.89	29.91	10.68	199.35	27.76	4.01	100.26	
02/09/2024 18:35	18.6	6.82	132.11	11.89	18.08	2.66	65.56	11.89	28.68	10.52	203.74	27.89	4.1	101.13	
02/09/2024 18:40	18.82	7.18	131.81	11.89	17.82	2.43	67.05	11.89	29.04	11.09	203.42	27.48	3.75	103.4	
02/09/2024 18:45	18.85	7.02	128.94	11.89	18.17	2.59	64.79	11.89	29.09	10.83	198.99	28.02	3.99	99.9	
02/09/2024 18:50	18.45	6.76	131.55	11.89	18.39	2.58	64.41	11.88	28.46	10.42	202.91	28.35	3.98	99.3	
02/09/2024 18:55	18.83	7.06	131.19	11.9	17.85	2.44	67	11.88	29.07	10.9	202.53	27.53	3.76	103.3	
02/09/2024 19:00	18.84	6.91	128.5	11.89	17.86	2.58	65.16	11.88	29.08	10.67	198.35	27.53	3.99	100.47	
02/09/2024 19:05	18.47	6.74	131.58	11.89	18	2.63	65.09	11.88	28.48	10.39	202.89	27.75	4.05	100.34	
02/09/2024 19:10	19.08	7.19	133.13	11.9	17.59	2.31	66.97	11.88	29.45	11.1	205.52	27.12	3.56	103.24	
02/09/2024 19:15	19.09	7.08	129.95	11.9	17.82	2.49	64.86	11.89	29.47	10.94	200.6	27.48	3.85	100.01	
02/09/2024 19:20	18.54	6.7	131.19	11.89	17.73	2.34	64.81	11.88	28.6	10.33	202.38	27.34	3.61	99.91	
02/09/2024 19:25	19.05	7.11	132.11	11.89	17.6	2.27	65.68	11.88	29.4	10.97	203.91	27.13	3.5	101.27	
02/09/2024 19:30	19.08	7	129.59	11.89	17.85	2.58	65.6	11.89	29.45	10.8	200	27.54	3.99	101.19	
02/09/2024 19:35	18.48	6.74	132.11	11.89	17.77	2.61	66.33	11.89	28.52	10.4	203.91	27.4	4.03	102.32	
02/09/2024 19:40	18.96	7.14	131.69	11.9	17.62	2.39	66.62	11.89	29.3	11.03	203.43	27.19	3.69	102.76	
02/09/2024 19:45	19.02	7.07	129.36	11.9	17.7	2.43	64.6	11.89	29.38	10.92	199.78	27.29	3.74	99.64	
02/09/2024 19:50	18.54	6.76	132.24	11.89	17.55	2.42	65.36	11.89	28.6	10.43	204.03	27.06	3.74	100.8	
02/09/2024 19:55	19.14	7.22	133.33	11.9	17.44	2.27	67.08	11.88	29.55	11.15	205.83	26.9	3.5	103.42	
02/09/2024 20:00	19.18	7.07	129.43	11.9	18.08	2.55	64.95	11.89	29.6	10.92	199.8	27.88	3.93	100.16	
02/09/2024 20:05	18.58	6.74	132.13	11.89	18	2.49	64.34	11.89	28.65	10.39	203.8	27.76	3.83	99.22	
02/09/2024 20:10	19.01	7.02	131.06	11.89	17.84	2.5	67.27	11.89	29.34	10.84	202.29	27.5	3.85	103.73	
02/09/2024 20:15	19	6.93	127.39	11.89	17.97	2.4	64.43	11.88	29.32	10.69	196.57	27.71	3.7	99.33	
02/09/2024 20:20	18.58	6.79	132.24	11.89	17.59	1.97	63.56	11.88	28.66	10.48	203.99	27.11	3.03	97.93	
02/09/2024 20:25	18.71	7.17	133.13	11.9	17.5	2.03	66.42	11.88	28.89	11.07	205.54	26.97	3.13	102.4	
02/09/2024 20:30	18.75	7.08	130.72	11.9	18.22	2.57	64.15	11.89	28.95	10.92	201.78	28.1	3.97	98.93	
02/09/2024 20:35	18.59	6.73	132.18	11.89	18.56	2.58	63.86	11.88	28.68	10.39	203.88	28.62	3.98	98.46	
02/09/2024 20:40	18.96	7.18	132.72	11.9	18.18	2.46	66.38	11.88	29.28	11.09	204.93	28.03	3.79	102.36	
02/09/2024 20:45	19.03	7.1	130.89	11.9	18.25										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
02/09/2024 22:30	18.98	6.89	126.85	11.89	18.09	2.58	65.19	11.88	29.28	10.62	195.65	27.88	3.97	100.44	
02/09/2024 22:35	18.65	6.43	129.35	11.88	18.48	2.63	64.3	11.88	28.73	9.9	199.25	28.48	4.05	99.06	
02/09/2024 22:40	19.19	6.76	128.69	11.89	17.85	2.4	66.39	11.88	29.6	10.43	198.49	27.5	3.7	102.28	
02/09/2024 22:45	19.23	6.77	126.88	11.89	17.94	2.54	64.27	11.88	29.66	10.44	195.69	27.63	3.91	99	
02/09/2024 22:50	18.66	6.59	130.43	11.88	18.08	2.92	64.41	11.88	28.75	10.15	200.96	27.85	4.5	99.23	
02/09/2024 22:55	19.03	7.02	131.34	11.89	17.56	2.44	67.46	11.88	29.35	10.83	202.56	27.05	3.76	103.94	
02/09/2024 23:00	19.04	6.93	129.18	11.89	18.05	2.58	64.68	11.88	29.35	10.68	199.2	27.81	3.98	99.68	
02/09/2024 23:05	18.67	6.62	130.26	11.88	18	2.61	64.53	11.88	28.77	10.2	200.7	27.74	4.02	99.44	
02/09/2024 23:10	18.92	7.08	131.21	11.88	17.88	2.51	66.56	11.88	29.17	10.92	202.31	27.55	3.87	102.55	
02/09/2024 23:15	18.92	6.89	128.55	11.88	18.11	2.56	65.16	11.88	29.17	10.62	198.17	27.89	3.94	100.37	
02/09/2024 23:20	18.57	6.65	131.36	11.88	18.31	2.33	64.44	11.87	28.6	10.25	202.38	28.19	3.59	99.21	
02/09/2024 23:25	19.12	6.99	130.89	11.88	17.81	2.36	67.11	11.87	29.47	10.78	201.79	27.43	3.64	103.35	
02/09/2024 23:30	19.19	6.87	128.11	11.88	18.14	2.66	65.58	11.88	29.58	10.6	197.51	27.95	4.09	101.05	
02/09/2024 23:35	18.61	6.63	130.92	11.88	18.31	2.67	65.31	11.88	28.68	10.21	201.77	28.21	4.12	100.63	
02/09/2024 23:40	18.71	7.21	132.46	11.89	17.85	2.51	67.91	11.88	28.85	11.13	204.29	27.5	3.86	104.61	
02/09/2024 23:45	18.8	7.21	129.53	11.89	17.86	2.57	65.42	11.87	29	11.12	199.73	27.5	3.96	100.76	
02/09/2024 23:50	18.7	6.73	131.11	11.88	18.03	2.56	64.66	11.87	28.8	10.37	201.96	27.76	3.95	99.53	
02/09/2024 23:55	19.11	7.04	131.16	11.89	17.76	2.47	67.95	11.88	29.48	10.85	202.3	27.36	3.81	104.67	
03/09/2024 00:00	19.09	6.95	129.08	11.89	18.02	2.68	67.2	11.88	29.44	10.72	199.09	27.76	4.13	103.54	
03/09/2024 00:05	18.63	6.7	131.47	11.88	17.66	2.47	67.83	11.88	28.7	10.31	202.52	27.19	3.8	104.47	
03/09/2024 00:10	19.02	7.16	132.01	11.89	17.52	2.55	70.26	11.88	29.33	11.04	203.56	26.99	3.94	108.24	
03/09/2024 00:15	19.05	7.08	129.74	11.88	17.87	2.55	66.34	11.87	29.37	10.92	200.03	27.52	3.92	102.17	
03/09/2024 00:20	18.7	6.78	131.92	11.88	17.84	2.56	66.86	11.87	28.8	10.45	203.19	27.47	3.95	102.94	
03/09/2024 00:25	19.09	7.05	130.52	11.88	17.56	2.36	68.58	11.87	29.41	10.86	201.14	27.03	3.64	105.56	
03/09/2024 00:30	19.16	6.97	127.79	11.88	18.25	2.77	66.14	11.87	29.53	10.73	196.9	28.1	4.27	101.85	
03/09/2024 00:35	18.68	6.75	131.75	11.87	18.66	3.16	66.19	11.88	28.77	10.39	202.9	28.73	4.86	101.94	
03/09/2024 00:40	19.19	7.08	131.69	11.88	17.75	2.41	69.81	11.87	29.58	10.92	203.03	27.33	3.7	107.49	
03/09/2024 00:45	19.23	7.01	127.25	11.88	18.04	2.65	66.37	11.87	29.64	10.8	196.16	27.78	4.09	102.2	
03/09/2024 00:50	18.67	6.68	131.49	11.87	18.33	2.8	66.45	11.88	28.75	10.29	202.48	28.23	4.31	102.35	
03/09/2024 00:55	19.09	7.12	131.89	11.88	17.83	2.46	68.26	11.87	29.42	10.97	203.21	27.44	3.79	105.1	
03/09/2024 01:00	19.12	7.05	131.19	11.88	18.36	2.62	65.8	11.87	29.46	10.86	202.15	28.27	4.03	101.33	
03/09/2024 01:05	18.66	6.61	130.73	11.88	18.33	2.85	67.5	11.88	28.75	10.19	201.39	28.23	4.38	103.96	
03/09/2024 01:10	18.99	7.04	130.44	11.88	18.13	2.63	70.13	11.88	29.27	10.86	201.11	27.93	4.05	108.02	
03/09/2024 01:15	19.02	6.98	126.31	11.88	18.44	2.57	65.16	11.87	29.33	10.76	194.72	28.4	3.96	100.36	
03/09/2024 01:20	18.8	6.71	131.86	11.88	18.73	2.61	64.42	11.87	28.95	10.33	203.11	28.84	4.02	99.19	
03/09/2024 01:25	19.03	7.08	132.25	11.88	18.02	2.51	67.24	11.87	29.34	10.92	203.9	27.74	3.86	103.51	
03/09/2024 01:30	19.06	7	130.11	11.88	18.27	2.69	65.83	11.87	29.38	10.79	200.55	28.13	4.15	101.38	
03/09/2024 01:35	18.74	6.72	131.76	11.88	17.94	2.72	65.59	11.87	28.86	10.35	202.93	27.62	4.19	100.99	
03/09/2024 01:40	19.07	7.17	132.22	11.88	18.11	2.6	68.48	11.87	29.39	11.06	203.78	27.88	4	105.43	
03/09/2024 01:45	19.06	6.97	129.34	11.88	18.23	2.7	66.45	11.87	29.37	10.74	199.26	28.07	4.16	102.29	
03/09/2024 01:50	18.76	6.81	131.76	11.87	18.28	2.74	65.98	11.87	28.89	10.49	202.9	28.14	4.21	101.57	
03/09/2024 01:55	19	7.11	131.98	11.88	17.71	2.45	68.24	11.87	29.3	10.95	203.47	27.27	3.77	105.07	
03/09/2024 02:00	19.04	7.03	129.92	11.88	18.42	2.71	65.7	11.87	29.35	10.84	200.26	28.37	4.17	101.18	
03/09/2024 02:05	18.75	6.78	131.78	11.87	18.28	2.88	68.05	11.88	28.88	10.44	202.92	28.16	4.43	104.8	
03/09/2024 02:10	19.31	7.11	131.49	11.88	18.2	2.71	69.71	11.87	29.75	10.96	202.57	28.03	4.17	107.35	
03/09/2024 02:15	19.37	7.02	129.11	11.88	18.33	2.76	66.25	11.87	29.83	10.81	198.87	28.21	4.25	101.98	
03/09/2024 02:20	18.77	6.78	132	11.87	18.34	2.81	66.28	11.87	28.9	10.44	203.25	28.23	4.33	102.01	
03/09/2024 02:25	19.27	7.35	133.35	11.88	18.06	2.68	69.42	11.87	29.69	11.32	205.44	27.79	4.13	106.85	
03/09/2024 02:30	19.35	7.31	130.37	11.88	18.4	2.69	66.12	11.87	29.81	11.27	200.85	28.32	4.14	101.78	
03/09/2024 02:35	18.78	6.9	132.41	11.87	18.36	2.74	65.34	11.87	28.93	10.63	203.93	28.26	4.21	100.57	
03/09/2024 02:40	19.14	7.35	132.79	11.88	17.85	2.48	68.1	11.87	29.51	11.33	204.68	27.48	3.82	104.82	
03/09/2024 02:45	19.17	7.24	130.04	11.88	18.23	2.81	66.63	11.87	29.54	11.17	200.44	28.08	4.32	102.6	
03/09/2024 02:50	18.69	6.79	131.82	11.87	18.22	2.86	66.78	11.87	28.79	10.46	203.02	28.05	4.4	102.82	
03/09/2024 02:55	19.08	7.26	132.12	11.88	17.94	2.55	70.47	11.87	29.4	11.19	203.62	27.63	3.93	108.51	
03/09/2024 03:00	19.08	7.13	129.56	11.88	18.39	2.71	66.64	11.87	29.4	10.99	199.6	28.32	4.17	102.62	
03/09/2024 03:05	18.86	6.89	132.17	11.87	18.47	2.74	65.95	11.87	29.04	10.61	203.5	28.44	4.21	101.54	
03/09/2024 03:10	19.27	7.3	132.64	11.88	18.11	2.5	67.81	11.87	29.68	11.24	204.36	27.87	3.85	104.36	
03/09/2024 03:15	19.22	7.16	130.06	11.88	18.15	2.86	67.63	11.87	29.61	11.04	200.36	27.94	4.4	104.11	
03/09/2024 03:20	18.65	6.88	132.43	11.87	17.89	3.05	68.5	11.87	28.71	10.59	203.91	27.55	4.69	105.46	
03/09/2024 03:25	19.06	7.31	133.55	11.88	17.83	2.74	69.77	11.87	29.37	11.27	205.76	27.45	4.21	107.41	
03/09/2024 03:30	19.16	7.16	131.1	11.88	18.16	2.74	66.13	11.87	29.51	11.03	201.95	27.96	4.22	101.82	
03/09/2024 03:35	18.72	6.88	132.05	11.87	18.47	2.64	64.92	11.87	28.82	10.59	203.31	28.43	4.07	99.92	
03/09/2024 03:40	18.95	7.24	131.97	11.88	17.86	2.52	68.09	11.87	29.21	11.16	203.42	27.5	3.89	104.82	
03/09/2024 03:45	18.99	7.13	129.72	11.88	18.18	2.77	66.62	11.87	29.26	10.99	199.93	27.98	4.27	102.57	
03/09/2024 03:50	18.8	6.99	132.26	11.88	18.14	2.91	67.23	11.87	28.96	10.76	203.72	27.93	4.48	103.5	
03/09/2024 03:55	19.07	7.32	131.84	11.88	18.15	2.74	68.69	11.87	29.4	11.28	203.24	27.95	4.22	105.78	
03/09/2024 04:00	19.14	7.28	129.01	11.88	18.28	2.86	65.85	11.87	29.5	11.23	198.84	28.15	4.4	101.42	
03/09/2024 04:05	18.8	6.99	132.63	11.88	18.58	2.77	65.11	11.87	28.96	10.76	204.32	28.61	4.26	100.26	
03/09/2024 04:10	19	7.34	131.81	11.89	18.08	2.69	67.48	11.87	29.31	11.32	203.3	27.85	4.15	103.93	
03/09/2024 04:15	19.04	7.22	129.65	11.89	18.46	2.81	66.27	11.87	29.36	11.14	199.94	28.42	4.32	102.03	
03/09/2024 04:20	18.85	6.97	131.92	11.88	18.44	3.02	67.3	11.87	29.04	10.74	203.21	28.39	4.65	103.61	
03/09/2024 04:25	19.23	7.16	131.04	11.88	18.11	2.72	69.13	11.87	29.64	11.03	201.94	27.89			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/09/2024 06:15	18.91	7.16	129.12	11.88	18.01	2.75	65.41	11.87	29.14	11.04	198.96	27.72	4.23	100.67	
03/09/2024 06:20	18.72	6.92	131.57	11.87	18.09	2.8	65.67	11.87	28.83	10.65	202.58	27.84	4.31	101.06	
03/09/2024 06:25	19.23	7.21	130.52	11.88	17.86	2.64	67.87	11.87	29.62	11.11	201.03	27.48	4.06	104.45	
03/09/2024 06:30	19.21	7.11	128.37	11.87	18.25	2.8	65.21	11.87	29.58	10.94	197.69	28.09	4.31	100.37	
03/09/2024 06:35	18.7	6.9	131.99	11.87	18.31	2.85	64.73	11.87	28.77	10.62	203.14	28.18	4.38	99.6	
03/09/2024 06:40	18.88	7.25	132.5	11.88	17.79	2.63	66.82	11.87	29.08	11.18	204.14	27.38	4.05	102.82	
03/09/2024 06:45	18.91	7.1	129.51	11.88	18.21	2.73	64.32	11.87	29.12	10.94	199.5	28.01	4.2	98.95	
03/09/2024 06:50	18.64	6.77	131.3	11.87	17.83	2.77	64.8	11.86	28.69	10.42	202.09	27.43	4.26	99.68	
03/09/2024 06:55	19.16	7.32	133.38	11.88	17.88	2.64	67.36	11.87	29.53	11.28	205.51	27.52	4.07	103.65	
03/09/2024 07:00	19.22	7.28	129.64	11.88	18.2	2.73	65.78	11.87	29.61	11.22	199.71	28	4.2	101.21	
03/09/2024 07:05	18.84	6.77	131.18	11.86	18.11	2.88	65.98	11.86	28.97	10.41	201.74	27.86	4.42	101.5	
03/09/2024 07:10	19.4	7.07	130.77	11.87	18.1	2.71	68.77	11.86	29.85	10.87	201.2	27.83	4.17	105.72	
03/09/2024 07:15	19.4	6.87	127.81	11.86	18.18	2.58	65.38	11.86	29.84	10.57	196.62	27.95	3.96	100.49	
03/09/2024 07:20	18.81	6.74	131.45	11.86	18.41	2.61	65.11	11.86	28.92	10.37	202.07	28.29	4.01	100.07	
03/09/2024 07:25	19	7.06	131.39	11.87	17.71	2.34	67.5	11.86	29.25	10.87	202.24	27.22	3.6	103.75	
03/09/2024 07:30	19.08	6.98	128.98	11.87	18.3	2.52	64.6	11.86	29.36	10.74	198.52	28.14	3.88	99.32	
03/09/2024 07:35	18.74	6.73	131.68	11.86	18.3	2.64	65.83	11.86	28.81	10.35	202.47	28.13	4.06	101.19	
03/09/2024 07:40	19.15	7.11	131.79	11.87	17.97	2.16	67.71	11.85	29.46	10.94	202.77	27.6	3.33	104.01	
03/09/2024 07:45	19.2	6.93	128.97	11.86	18.41	2.49	64.33	11.85	29.54	10.66	198.38	28.28	3.82	98.83	
03/09/2024 07:50	18.82	6.55	130.71	11.85	18.52	2.47	63.95	11.85	28.92	10.06	200.84	28.44	3.79	98.23	
03/09/2024 07:55	19.02	6.86	129.85	11.86	18.16	2.39	66.7	11.85	29.25	10.56	199.69	27.9	3.67	102.44	
03/09/2024 08:00	19.08	6.73	127.36	11.86	18.36	2.42	65.85	11.85	29.34	10.35	195.8	28.19	3.72	101.13	
03/09/2024 08:05	18.79	6.51	130.36	11.85	18.45	2.63	66.2	11.85	28.85	9.99	200.17	28.33	4.03	101.65	
03/09/2024 08:10	19.25	6.95	130.34	11.86	18.29	2.38	67.53	11.85	29.58	10.69	200.32	28.07	3.66	103.68	
03/09/2024 08:15	19.29	6.76	127.62	11.85	18.6	2.41	63.5	11.85	29.64	10.39	196.11	28.56	3.7	97.49	
03/09/2024 08:20	18.72	6.57	130.64	11.85	18.78	2.38	62.55	11.84	28.76	10.09	200.72	28.83	3.65	96	
03/09/2024 08:25	19.14	6.88	130.77	11.86	18.43	2.37	65.3	11.85	29.42	10.58	201.05	28.3	3.64	100.3	
03/09/2024 08:30	19.13	6.71	127.71	11.86	18.39	2.32	62.86	11.85	29.41	10.32	196.3	28.24	3.57	96.55	
03/09/2024 08:35	18.72	6.31	129.4	11.85	18.17	2.42	63.64	11.85	28.75	9.69	198.76	27.91	3.72	97.75	
03/09/2024 08:40	19.2	6.76	129.77	11.86	18.2	2.29	66.81	11.85	29.53	10.39	199.53	27.95	3.52	102.61	
03/09/2024 08:45	19.25	6.64	127.08	11.86	18.54	2.36	64.31	11.85	29.6	10.21	195.38	28.47	3.62	98.79	
03/09/2024 08:50	18.81	6.49	130.74	11.85	18.78	2.39	63.45	11.85	28.89	9.97	200.85	28.85	3.67	97.48	
03/09/2024 08:55	19.09	6.87	130.81	11.86	18.35	2.3	66.85	11.85	29.33	10.56	201.05	28.17	3.53	102.65	
03/09/2024 09:00	19.17	6.8	127.06	11.85	18.56	2.41	64.84	11.84	29.45	10.45	195.21	28.49	3.7	99.52	
03/09/2024 09:05	18.83	6.59	131.44	11.84	18.94	2.39	63.22	11.84	28.9	10.12	201.73	29.06	3.67	97	
03/09/2024 09:10	19.28	6.84	131.05	11.85	18.22	2.14	66.7	11.84	29.61	10.51	201.28	27.96	3.29	102.34	
03/09/2024 09:15	19.33	6.72	128.71	11.85	18.5	2.41	64.33	11.84	29.69	10.33	197.67	28.4	3.69	98.72	
03/09/2024 09:20	18.68	6.3	129.54	11.84	18.47	2.45	64.39	11.84	28.67	9.68	198.84	28.35	3.77	98.83	
03/09/2024 09:25	19.32	6.72	129.37	11.85	18.34	2.31	65.51	11.84	29.67	10.33	198.73	28.14	3.55	100.52	
03/09/2024 09:30	19.5	6.67	128.41	11.85	18.49	2.26	62.68	11.84	29.95	10.24	197.22	28.37	3.46	96.14	
03/09/2024 09:35	18.8	6.23	129.27	11.84	18.72	2.25	62.5	11.84	28.84	9.56	198.29	28.71	3.45	95.86	
03/09/2024 09:40	19.23	6.58	128.28	11.85	18.22	2.03	64.94	11.84	29.53	10.1	196.94	27.94	3.12	99.59	
03/09/2024 09:45	19.33	6.47	125.92	11.84	18.5	2.15	62.59	11.83	29.67	9.93	193.27	28.36	3.29	95.95	
03/09/2024 09:50	18.77	6.24	129.02	11.84	18.66	2.34	62.45	11.83	28.78	9.57	197.85	28.6	3.59	95.74	
03/09/2024 09:55	19.19	6.63	128.72	11.84	18.3	2.21	66.44	11.84	29.46	10.17	197.58	28.06	3.39	101.89	
03/09/2024 10:00	19.23	6.56	126.11	11.84	18.68	2.28	63.76	11.84	29.51	10.06	193.54	28.65	3.49	97.79	
03/09/2024 10:05	18.8	6.27	129.27	11.84	18.52	2.42	65.23	11.84	28.83	9.62	198.25	28.4	3.72	100.07	
03/09/2024 10:10	19.2	6.61	128.85	11.85	17.98	2.16	66.44	11.84	29.47	10.15	197.83	27.57	3.31	101.88	
03/09/2024 10:15	19.23	6.53	126.62	11.84	18.24	2.17	63.73	11.83	29.51	10.02	194.37	27.96	3.33	97.71	
03/09/2024 10:20	18.74	6.28	129.76	11.83	17.59	2.08	63.95	11.83	28.73	9.64	198.95	26.96	3.19	98.01	
03/09/2024 10:25	19.02	6.64	129.42	11.84	17.82	1.9	66.73	11.83	29.18	10.18	198.53	27.32	2.91	102.28	
03/09/2024 10:30	18.96	6.54	126.51	11.84	18.12	2.3	63.91	11.83	29.08	10.03	194.06	27.78	3.53	97.98	
03/09/2024 10:35	18.55	6.32	128.62	11.84	18.05	2.45	64.56	11.84	28.45	9.69	197.25	27.68	3.76	99.01	
03/09/2024 10:40	19.11	6.79	129.91	11.85	17.83	2.19	67.42	11.84	29.33	10.43	199.43	27.34	3.35	103.4	
03/09/2024 10:45	19.24	6.73	127.72	11.84	18.06	2.24	64.48	11.83	29.54	10.33	196.03	27.68	3.43	98.85	
03/09/2024 10:50	18.72	6.26	128.33	11.83	18.52	2.41	64.03	11.83	28.69	9.6	196.74	28.39	3.69	98.18	
03/09/2024 10:55	19.3	6.64	129.6	11.84	17.95	2.04	66.64	11.83	29.62	10.19	198.9	27.52	3.13	102.16	
03/09/2024 11:00	19.37	6.48	127.38	11.84	18.34	2.17	61.82	11.83	29.71	9.95	195.45	28.12	3.33	94.78	
03/09/2024 11:05	18.81	6.26	128.99	11.83	18.16	2.19	62.08	11.83	28.84	9.6	197.75	27.83	3.36	95.17	
03/09/2024 11:10	19.08	6.75	130.71	11.84	18.11	2.16	65.1	11.83	29.27	10.35	200.58	27.77	3.31	99.79	
03/09/2024 11:15	19.1	6.66	128.06	11.84	18.27	2.29	62.13	11.83	29.3	10.21	196.48	28	3.51	95.22	
03/09/2024 11:20	18.85	6.26	128.17	11.83	18.48	2.33	61.75	11.83	28.89	9.6	196.48	28.32	3.57	94.6	
03/09/2024 11:25	19.14	6.66	128.03	11.84	18.16	2.22	63.98	11.83	29.37	10.22	196.45	27.83	3.41	98.06	
03/09/2024 11:30	19.16	6.61	125.86	11.84	18.13	2.41	63.49	11.83	29.39	10.14	193.09	27.79	3.7	97.33	
03/09/2024 11:35	18.75	6.38	128.38	11.83	18.03	2.52	63.61	11.83	28.74	9.78	196.79	27.64	3.86	97.51	
03/09/2024 11:40	19.34	6.8	128.08	11.84	18.03	2.34	65.94	11.83	29.67	10.43	196.48	27.64	3.59	101.1	
03/09/2024 11:45	19.49	6.76	127.31	11.84	18.43	2.38	62.53	11.83	29.9	10.37	195.28	28.26	3.65	95.86	
03/09/2024 11:50	18.83	6.36	127.68	11.83	18.31	2.39	62.39	11.83	28.87	9.75	195.75	28.07	3.67	95.64	
03/09/2024 11:55	19.18	6.65	127	11.84	17.97	2.23	63.67	11.83	29.43	10.2	194.88	27.54	3.42	97.59	
03/09/2024 12:00	19.16	6.47	123.92	11.84	18.33	2.56	63.52	11.83	29.4	9.93	190.11	28.11	3.92	97.39	
03/09/2024 12:05	18.8	6.53	129.05	11.83	18.08	2.67	64.09	11.83	28.82	10	197.83	27.71	4.1	98.24	
03/09/2024 12:10	19.14	6.97	129.45	11.84	18.05	2.51	66.78	11.83	29.38	10.69	198.67	27.67	3.85	102.36	
03/09/2024 12:15	19.2														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/09/2024 14:00	19.06	6.5	126.12	11.8	18.36	2.21	61.92	11.79	29.11	9.92	192.64	28.01	3.37	94.44	
03/09/2024 14:05	18.65	6.14	127.46	11.79	18.72	2.28	62.11	11.79	28.46	9.37	194.47	28.55	3.48	94.72	
03/09/2024 14:10	18.82	6.44	127.53	11.8	18.39	2.15	63.61	11.79	28.75	9.83	194.78	28.06	3.29	97.04	
03/09/2024 14:15	18.88	6.32	124.51	11.8	18.54	2.25	60.86	11.79	28.84	9.65	190.15	28.3	3.43	92.87	
03/09/2024 14:20	18.72	6.09	126.97	11.79	19.03	2.34	60.34	11.79	28.56	9.3	193.77	29.04	3.58	92.08	
03/09/2024 14:25	18.82	6.42	126.42	11.8	18.01	1.99	62.03	11.79	28.74	9.81	193.08	27.47	3.04	94.63	
03/09/2024 14:30	18.83	6.24	123.31	11.8	18.11	2.09	60.69	11.79	28.74	9.53	188.29	27.62	3.18	92.57	
03/09/2024 14:35	18.77	5.84	124.93	11.79	17.75	2.17	61.53	11.79	28.64	8.91	190.58	27.08	3.31	93.86	
03/09/2024 14:40	19.29	6.34	125.62	11.8	18.02	2.19	63.04	11.79	29.46	9.68	191.82	27.49	3.35	96.17	
03/09/2024 14:45	19.26	6.35	123.53	11.79	17.94	1.9	61.62	11.78	29.41	9.69	188.58	27.36	2.9	93.95	
03/09/2024 14:50	18.69	6.04	126.6	11.79	17.28	1.56	62.7	11.78	28.51	9.22	193.1	26.34	2.38	95.56	
03/09/2024 14:55	19.11	6.43	127.14	11.8	17.74	1.82	63.62	11.79	29.18	9.81	194.12	27.06	2.77	97.02	
03/09/2024 15:00	19.2	6.31	124.6	11.8	18.32	2.17	60.96	11.79	29.31	9.64	190.25	27.95	3.31	93.01	
03/09/2024 15:05	18.8	5.57	122.43	11.79	18.86	2.45	58.91	11.79	28.69	8.5	186.85	28.78	3.75	89.89	
03/09/2024 15:10	19.28	6	122.03	11.8	18.15	1.97	60.56	11.79	29.44	9.15	186.34	27.7	3.01	92.42	
03/09/2024 15:15	19.18	5.84	119.84	11.8	18.15	1.91	58.2	11.79	29.28	8.91	182.97	27.71	2.91	88.85	
03/09/2024 15:20	18.82	5.69	123.74	11.8	17.58	1.53	59.8	11.79	28.75	8.7	189	26.82	2.34	91.24	
03/09/2024 15:25	19.23	6.37	126.09	11.8	18.11	1.94	63.2	11.8	29.39	9.73	192.7	27.66	2.97	96.51	
03/09/2024 15:30	19.23	6.22	123.37	11.8	18.29	2.15	61.55	11.8	29.38	9.51	188.54	27.94	3.29	93.99	
03/09/2024 15:35	18.69	5.92	124.84	11.8	18.3	2.2	62.06	11.8	28.57	9.04	190.77	27.94	3.37	94.77	
03/09/2024 15:40	18.89	6.33	125.01	11.81	17.67	1.78	62.68	11.8	28.9	9.68	191.23	26.99	2.72	95.73	
03/09/2024 15:45	18.92	6.19	121.27	11.81	18.47	2.34	61.27	11.81	28.95	9.47	185.51	28.23	3.57	93.66	
03/09/2024 15:50	18.81	6.01	126.33	11.81	18.34	2.53	61.97	11.81	28.77	9.19	193.15	28.04	3.87	94.72	
03/09/2024 15:55	19.06	6.34	125.82	11.81	17.73	1.84	62.91	11.8	29.16	9.69	192.5	27.09	2.81	96.11	
03/09/2024 16:00	19.13	6.32	122.8	11.81	18.2	2.14	61.21	11.81	29.27	9.67	187.86	27.82	3.27	93.55	
03/09/2024 16:05	18.72	6	126.51	11.81	18.61	2.24	61.3	11.8	28.61	9.17	193.34	28.44	3.42	93.68	
03/09/2024 16:10	19.21	6.46	127.4	11.81	18.18	1.97	63.41	11.8	29.38	9.87	194.85	27.78	3.02	96.89	
03/09/2024 16:15	19.23	6.38	125.25	11.81	18.25	2.08	61.6	11.8	29.4	9.75	191.54	27.88	3.18	94.13	
03/09/2024 16:20	18.74	6.13	127.64	11.81	17.94	1.91	61.2	11.8	28.65	9.37	195.13	27.4	2.91	93.49	
03/09/2024 16:25	18.98	6.56	127.91	11.82	18.15	2.14	64.19	11.81	29.06	10.05	195.81	27.75	3.27	98.14	
03/09/2024 16:30	18.96	6.41	125.43	11.82	18.09	1.95	62.38	11.81	29.02	9.81	191.99	27.66	2.99	95.38	
03/09/2024 16:35	18.72	6.21	128.46	11.81	17.75	1.86	63.16	11.81	28.64	9.5	196.5	27.14	2.84	96.57	
03/09/2024 16:40	19.02	6.54	128.04	11.82	17.87	1.97	64.33	11.81	29.13	10.02	196.04	27.33	3.02	98.4	
03/09/2024 16:45	19.11	6.43	125.56	11.82	18.03	2.03	61.82	11.81	29.25	9.85	192.24	27.58	3.11	94.58	
03/09/2024 16:50	18.67	6.07	127.21	11.81	18.55	2.38	61.2	11.82	28.57	9.29	194.62	28.38	3.64	93.65	
03/09/2024 16:55	19.03	6.51	128.3	11.82	18.38	2.2	63.88	11.81	29.14	9.97	196.46	28.12	3.36	97.73	
03/09/2024 17:00	19.07	6.31	124.96	11.82	18.39	2.18	62.76	11.81	29.18	9.65	191.23	28.12	3.33	95.99	
03/09/2024 17:05	18.59	5.28	121.36	11.78	18.5	2.09	63.39	11.81	28.34	8.05	184.97	28.29	3.2	96.94	
03/09/2024 17:10	18.88	5.54	120.51	11.79	18.17	1.73	63	11.81	28.79	8.46	183.78	27.78	2.65	96.29	
03/09/2024 17:15	18.87	5.51	117.86	11.79	18.57	2.21	61.36	11.81	28.78	8.41	179.75	28.41	3.39	93.87	
03/09/2024 17:20	18.79	5.14	121.15	11.78	18.31	2.11	61.7	11.81	28.63	7.83	184.66	28.01	3.23	94.38	
03/09/2024 17:25	19.1	5.47	119.45	11.79	17.89	1.8	64.73	11.81	29.13	8.34	182.18	27.36	2.76	98.97	
03/09/2024 17:30	19.09	5.58	117.56	11.79	18.07	1.83	56.89	11.79	29.12	8.52	179.35	27.59	2.79	86.84	
03/09/2024 17:35	18.82	6.05	128.12	11.81	18.22	1.64	53.75	11.78	28.78	9.25	195.93	27.77	2.5	81.92	
03/09/2024 17:40	19.2	6.4	127.48	11.82	17.85	1.6	56.96	11.78	29.39	9.79	195.15	27.22	2.44	86.87	
03/09/2024 17:45	19.26	6.35	123.77	11.82	18.35	1.87	54.16	11.79	29.48	9.73	189.42	27.99	2.85	82.61	
03/09/2024 17:50	18.84	6.01	127.74	11.81	18.86	1.99	54.14	11.79	28.81	9.19	195.39	28.76	3.03	82.57	
03/09/2024 17:55	19.04	6.52	128.42	11.82	17.89	1.57	56.1	11.79	29.15	9.99	196.66	27.28	2.4	85.58	
03/09/2024 18:00	18.97	6.3	124.43	11.82	18.13	1.68	53.46	11.79	29.04	9.65	190.5	27.65	2.57	81.52	
03/09/2024 18:05	18.9	5.92	126.6	11.81	18.06	1.44	54.13	11.79	28.9	9.06	193.54	27.56	2.19	82.58	
03/09/2024 18:10	19.18	6.37	126.2	11.82	18.28	1.78	59.19	11.8	29.35	9.74	193.14	27.93	2.72	90.44	
03/09/2024 18:15	19.26	6.28	123.87	11.82	18.18	1.75	57.4	11.81	29.48	9.61	189.58	27.79	2.67	87.73	
03/09/2024 18:20	18.78	5.66	124.77	11.8	18.67	1.84	55.92	11.8	28.7	8.65	190.68	28.53	2.82	85.45	
03/09/2024 18:25	19.24	6.25	126.3	11.81	18.03	1.54	58.05	11.8	29.42	9.56	193.16	27.54	2.35	88.68	
03/09/2024 18:30	19.27	6.21	124.37	11.81	18.43	1.94	57.06	11.8	29.47	9.49	190.21	28.16	2.96	87.18	
03/09/2024 18:35	18.76	5.84	126.07	11.8	18.64	2.03	56.58	11.8	28.67	8.93	192.63	28.48	3.1	86.44	
03/09/2024 18:40	19.19	6.29	126	11.81	18.15	1.65	58.7	11.8	29.34	9.62	192.68	27.73	2.53	89.65	
03/09/2024 18:45	19.28	6.17	122.87	11.81	18.62	1.99	55.79	11.8	29.47	9.43	187.87	28.44	3.03	85.23	
03/09/2024 18:50	18.97	5.75	124.85	11.8	18.97	2.17	54.98	11.8	28.98	8.78	190.71	28.97	3.32	83.97	
03/09/2024 18:55	19.25	6.1	124.74	11.8	18.66	1.92	57.63	11.8	29.42	9.32	190.63	28.5	2.94	88.01	
03/09/2024 19:00	19.3	6.04	122.51	11.8	18.5	1.8	56.28	11.79	29.5	9.23	187.19	28.24	2.75	85.89	
03/09/2024 19:05	18.95	5.82	125.55	11.79	18.92	1.78	56.17	11.79	28.92	8.88	191.67	28.88	2.72	85.73	
03/09/2024 19:10	19.33	6.2	125.49	11.8	18.66	2.02	59.99	11.79	29.53	9.47	191.72	28.48	3.09	91.58	
03/09/2024 19:15	19.34	6.09	122.98	11.8	18.65	1.9	57.47	11.79	29.54	9.3	187.83	28.46	2.9	87.68	
03/09/2024 19:20	18.9	5.92	125.96	11.79	18.67	1.64	57.34	11.79	28.82	9.03	192.13	28.48	2.5	87.46	
03/09/2024 19:25	19.13	6.36	126.69	11.8	18.26	1.6	59.36	11.79	29.21	9.7	193.42	27.85	2.44	90.53	
03/09/2024 19:30	19.22	6.27	123.56	11.79	18.94	2.3	56.8	11.79	29.34	9.57	188.62	28.9	3.52	86.67	
03/09/2024 19:35	18.74	5.79	124.72	11.79	19.45	2.8	56.11	11.79	28.58	8.84	190.21	29.69	4.27	85.65	
03/09/2024 19:40	19.21	6.23	125.61	11.79	18.51	2.04	59.47	11.79	29.33	9.52	191.76	28.23	3.11	90.71	
03/09/2024 19:45	17.45	7.83	106.14	12.37	18.47	2.05	57.13	11.78	27.81	15.3	162.21	28.17	3.12	87.12	
03/09/2024 19:50	1.71	6.85	0.41	16.2	18.16	1.92	56.81	11.78	5.04	20.23	1.21	27.69	2.93	86.63	
03/09/2024 19:55	1.82	2.51	0	16.23	16.27	1.66	54.51	12.01	5.41	7.46	0	25.01	2.69	83.85	
03/09/2024 20:00	3.21	2.27	2.16	15.98	18.13	2.05	56.84	11.79	8.12	6.6	3.37	27.65	3.13	86.7	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/09/2024 21:45	2.19	2.2	8.04	16.06	8.46	25.18	263.87	12	5.99	5.45	12.78	13.21	39.34	412.14	
03/09/2024 21:50	1.23	1.02	0.07	16.22	8.92	22.62	257.72	11.99	3.66	3.04	0.21	13.92	35.3	402.22	
03/09/2024 21:55	1.44	1.4	0.01	16.22	13.72	8.03	119.36	12.07	4.29	4.17	0.03	21.18	12.61	185.7	
03/09/2024 22:00	3.08	1.5	3.22	15.92	18.36	1.87	55.43	11.77	7.43	4.32	6.12	27.95	2.85	84.39	
03/09/2024 22:05	1.35	1.02	6.47	16.2	17.94	1.69	53.73	11.76	3.99	3.01	19.14	27.29	2.57	81.75	
03/09/2024 22:10	1.53	1.31	0.83	16.22	16.93	1.69	50.29	12.02	4.53	3.9	2.47	25.97	2.69	77.61	
03/09/2024 22:15	3.14	1.41	3.35	15.95	18.54	1.65	52.02	11.77	7.65	4.06	6.85	28.23	2.51	79.22	
03/09/2024 22:20	1.45	1.04	7.1	16.2	19.05	1.89	51.66	11.77	4.3	3.08	21.01	29	2.88	78.66	
03/09/2024 22:25	1.65	1.4	3.37	16.22	16.87	1.71	50.28	12.07	4.91	4.16	10	25.93	2.75	78.05	
03/09/2024 22:30	3.17	1.54	4.81	15.97	18.79	2.04	53.26	11.77	7.9	4.41	11.29	28.63	3.1	81.13	
03/09/2024 22:35	1.2	14.36	0.2	16.22	19.11	2.06	53.44	11.77	3.56	42.63	0.61	29.1	3.14	81.39	
03/09/2024 22:40	1.52	28.49	0	16.22	16.67	3.59	50.66	12.1	4.51	84.61	0	25.58	8.04	78.32	
03/09/2024 22:45	3.04	24.74	2.32	15.93	18.74	2.14	54.42	11.78	7.32	73.19	3.6	28.56	3.26	82.93	
03/09/2024 22:50	1.2	2.24	0	16.23	18.92	2.19	54.67	11.78	3.58	6.68	0	28.83	3.34	83.31	
03/09/2024 22:55	1.36	1.87	0	16.24	17.16	1.88	52.4	11.99	4.07	5.58	0	26.31	2.98	80.32	
03/09/2024 23:00	2.81	3.96	28.86	15.8	18.78	2.12	53.4	11.78	6.4	9.45	55.93	28.63	3.24	81.41	
03/09/2024 23:05	5.96	17.17	174.72	14	19.08	2.2	53.3	11.78	11.9	34.43	352.13	29.07	3.36	81.2	
03/09/2024 23:10	21.79	23.45	180.84	13.36	19.28	2.45	55.93	11.84	40.17	43.29	333.76	29.69	3.94	86.62	
03/09/2024 23:15	23.79	19.8	159.61	13.27	19.15	2.19	53.2	11.78	43.44	36.32	292.03	29.18	3.33	81.08	
03/09/2024 23:20	29.38	12.36	118.75	13.28	19.31	2.25	54.22	11.78	53.61	22.56	216.65	29.44	3.43	82.65	
03/09/2024 23:25	29.75	12.46	117.75	13.29	19.75	2.48	56.04	11.88	54.38	22.77	215.2	30.68	3.98	87.34	
03/09/2024 23:30	28.44	13.09	131.13	13.13	19.22	2.22	53.39	11.78	51.22	23.43	233.41	29.29	3.38	81.36	
03/09/2024 23:35	23.93	17.19	208.22	12.46	19.44	2.25	52.94	11.78	39.46	28.44	344.49	29.61	3.43	80.65	
03/09/2024 23:40	24.9	7.81	96.29	12.19	19.19	2.62	59.46	11.8	39.73	12.45	153.53	29.33	4.03	91.11	
03/09/2024 23:45	25.01	10.44	126.25	12.12	10.86	18.89	207.7	11.95	39.68	16.54	199.7	16.81	29.49	323.85	
03/09/2024 23:50	18.34	6.78	131.93	11.79	8.48	25.62	265.59	12.01	27.98	10.34	201.23	13.26	40.04	415.1	
03/09/2024 23:55	18.02	8.11	143.22	11.81	11.74	11.35	151.21	11.83	27.57	12.4	219.1	17.94	17.63	233.58	
04/09/2024 00:00	17.68	8.28	144.92	11.81	13.44	3.83	84.16	11.72	27.05	12.67	221.73	20.35	5.8	127.49	
04/09/2024 00:05	16.94	8.3	148.07	11.82	13.38	3.72	82.81	11.72	25.93	12.7	226.64	20.26	5.63	125.42	
04/09/2024 00:10	17.21	8.98	151.93	11.83	8.83	22.52	203.1	11.86	26.38	13.77	232.89	13.52	34.88	313.89	
04/09/2024 00:15	16.26	10.24	157.39	11.84	6.24	32.18	265.53	11.93	24.94	15.73	241.54	9.68	49.89	411.67	
04/09/2024 00:20	16.9	8.54	150.23	11.82	6.23	34.61	265.53	11.94	25.87	13.08	230	9.67	53.7	411.96	
04/09/2024 00:25	17.35	8.74	149.46	11.82	5.88	70.44	253.79	12.04	26.58	13.39	228.93	9.2	111	398.41	
04/09/2024 00:30	16.51	12.14	153.31	11.84	5.28	88.44	252.84	12.1	25.3	18.77	235.38	8.34	139.68	399.32	
04/09/2024 00:35	16.85	8.57	150.2	11.82	5.48	89.9	252.84	12.1	25.8	13.13	230	8.66	142.03	399.45	
04/09/2024 00:40	16.95	9.22	153.71	11.84	5.66	85.81	255.06	12.09	25.99	14.14	235.75	8.92	135.54	402.64	
04/09/2024 00:45	15.99	12.19	158.71	11.85	5.23	87.15	261.8	12.1	24.55	18.85	243.95	8.26	137.71	413.66	
04/09/2024 00:50	17.01	8.32	148.6	11.83	5.23	86.18	261.8	12.1	26.06	12.75	227.73	8.27	136.13	413.52	
04/09/2024 00:55	17.38	8.7	149.7	11.83	5.85	79.55	240.77	12.09	26.65	13.33	229.53	9.2	125.62	379.95	
04/09/2024 01:00	16.32	12.35	154.66	11.85	5.25	82.37	234.72	12.11	25.05	19.12	237.82	8.3	130.26	371.18	
04/09/2024 01:05	17.06	8.27	148.32	11.83	5.28	80.77	234.72	12.11	26.14	12.68	227.22	8.35	127.68	371.01	
04/09/2024 01:10	17.35	8.52	146.89	11.84	5.61	78.85	250.52	12.1	26.6	13.07	225.28	8.83	124.6	395.67	
04/09/2024 01:15	16.24	13.63	154.35	11.85	5.14	83.35	263.02	12.11	24.92	21.18	237.55	8.12	131.84	416.02	
04/09/2024 01:20	17.15	8.35	148.48	11.83	5.27	84.09	263.02	12.11	26.27	12.79	227.43	8.33	133.01	416.04	
04/09/2024 01:25	17.13	9	151.67	11.84	5.67	80.82	256.55	12.1	26.27	13.81	232.69	8.94	127.69	405.1	
04/09/2024 01:30	16.71	10.44	157.62	11.85	5.01	83.27	260.64	12.11	25.67	16.1	242.52	7.92	131.66	412.12	
04/09/2024 01:35	17.07	8.34	148.64	11.82	4.88	83.1	260.64	12.11	26.14	12.77	227.55	7.71	131.36	411.99	
04/09/2024 01:40	17.29	8.66	148.87	11.83	5.42	79.88	259.18	12.09	26.51	13.27	228.18	8.53	126.15	409.1	
04/09/2024 01:45	16.51	11.7	154.55	11.84	5.06	83.51	264.08	12.1	25.32	18.09	237.44	8	131.93	417.18	
04/09/2024 01:50	17.32	8.02	144.83	11.81	5.3	88.36	264.08	12.11	26.49	12.26	221.53	8.38	139.74	417.64	
04/09/2024 01:55	17.44	8.37	145.23	11.82	5.55	81.49	258.16	12.09	26.71	12.82	222.41	8.74	128.66	407.37	
04/09/2024 02:00	16.63	11.09	149.46	11.83	5.1	82.12	264.75	12.1	25.48	17.13	229.37	8.05	129.72	418.2	
04/09/2024 02:05	17.16	8.09	146.23	11.82	5.08	82.07	264.75	12.1	26.26	12.39	223.81	8.02	129.64	418.18	
04/09/2024 02:10	17.7	8.35	144.54	11.82	10.05	28.91	144.3	11.86	27.11	12.78	221.34	15.36	45.52	224.34	
04/09/2024 02:15	17.47	8.29	141.42	11.82	12.26	3.59	79.58	11.73	26.74	12.69	216.48	18.59	5.45	120.68	
04/09/2024 02:20	17.27	8.07	145.44	11.82	12.45	3.67	79.03	11.73	26.42	12.35	222.6	18.88	5.57	119.79	
04/09/2024 02:25	17.36	8.57	146.78	11.83	12.43	3.34	80.72	11.74	26.59	13.13	224.86	18.86	5.07	122.46	
04/09/2024 02:30	16.74	9.17	150.12	11.83	8.82	16.32	198.72	11.94	25.66	14.07	230.27	13.67	25.41	309.07	
04/09/2024 02:35	19.03	6.47	125.94	11.79	8.05	23.23	245.03	12	29.02	9.87	192.07	12.56	36.26	382.49	
04/09/2024 02:40	19.25	6.83	125.34	11.79	14.42	9.02	119.12	11.85	29.38	10.43	191.25	22.08	14.03	184.58	
04/09/2024 02:45	19.24	6.63	120.31	11.79	18.23	2.17	51.39	11.78	29.35	10.11	183.55	27.79	3.3	78.35	
04/09/2024 02:50	18.77	6.31	123.76	11.78	18.28	2.25	50.89	11.78	28.61	9.63	188.67	27.86	3.43	77.56	
04/09/2024 02:55	19.31	6.76	124.4	11.79	18.02	2.11	54.29	11.78	29.46	10.31	189.81	27.48	3.22	82.77	
04/09/2024 03:00	19.33	6.6	121.25	11.79	18.01	2.11	49.9	11.78	29.49	10.06	185	27.46	3.21	76.1	
04/09/2024 03:05	18.88	6.38	124.38	11.79	17.94	2.24	49.81	11.78	28.8	9.74	189.69	27.35	3.41	75.94	
04/09/2024 03:10	19.21	6.76	124.78	11.8	17.9	2.06	52.14	11.79	29.34	10.33	190.55	27.3	3.15	79.52	
04/09/2024 03:15	19.26	6.61	121.69	11.8	18.57	2.16	48.02	11.79	29.4	10.1	185.82	28.33	3.3	73.25	
04/09/2024 03:20	18.69	6.29	124.15	11.79	18.72	2.16	47.53	11.79	28.51	9.6	189.42	28.55	3.29	72.49	
04/09/2024 03:25	19.11	6.7	124.3	11.8	18.29	1.97	49.97	11.79	29.18	10.23	189.78	27.89	3.01	76.21	
04/09/2024 03:30	19.15	6.55	121.48	11.8	18.61	2.08	47.41	11.79	29.23	10	185.47	28.39	3.17	72.31	
04/09/2024 03:35	18.66	6.37	124.45	11.79	18.75	2.13	47.53	11.79	28.47	9.72	189.86	28.6	3.24	72.5	
04/09/2024 03:40	18.85	6.72	125.24	11.79	18.29	1.98	50.62	11.78	28.78	10.26	191.17	27.88	3.03	77.19	
04/09/2024 03:45	18.92	6.69	121.77	11.79	18.5										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/09/2024 05:30	19.09	6.26	115.29	11.79	18.95	2	46.34	11.78	29.13	9.55	175.88	28.89	3.04	70.63	
04/09/2024 05:35	18.92	6.01	119.74	11.78	18.94	2.05	46.02	11.78	28.83	9.15	182.46	28.86	3.12	70.13	
04/09/2024 05:40	19.17	6.4	120.39	11.78	18.75	1.87	50.11	11.78	29.23	9.76	183.56	28.58	2.85	76.38	
04/09/2024 05:45	19.26	6.26	117.31	11.78	19.03	2.04	45.84	11.78	29.36	9.55	178.85	29	3.11	69.86	
04/09/2024 05:50	19	6.15	120.49	11.78	19.23	2.08	45.45	11.78	28.97	9.38	183.71	29.3	3.17	69.25	
04/09/2024 05:55	19.3	6.43	121.01	11.79	18.88	1.95	48.56	11.78	29.44	9.82	184.6	28.77	2.97	74.01	
04/09/2024 06:00	19.43	6.29	117.56	11.79	19.11	2.06	46.33	11.78	29.64	9.6	179.29	29.13	3.14	70.63	
04/09/2024 06:05	18.81	6.14	121.96	11.78	19.19	2.09	45.83	11.78	28.67	9.36	185.85	29.25	3.19	69.87	
04/09/2024 06:10	19.16	6.5	121.97	11.79	18.9	2.05	48.99	11.78	29.24	9.93	186.15	28.81	3.12	74.7	
04/09/2024 06:15	19.23	6.41	119.56	11.79	18.86	1.99	46.54	11.78	29.35	9.79	182.47	28.75	3.03	70.94	
04/09/2024 06:20	18.7	6.32	123.64	11.79	18.92	2.11	46.5	11.78	28.53	9.65	188.61	28.84	3.22	70.87	
04/09/2024 06:25	19.06	6.61	122.93	11.79	18.48	1.97	50.19	11.78	29.09	10.08	187.63	28.17	3	76.51	
04/09/2024 06:30	19.1	6.51	120.07	11.79	19.04	2.1	47.49	11.78	29.15	9.94	183.24	29.02	3.2	72.4	
04/09/2024 06:35	18.87	6.32	123.7	11.78	19.14	2.24	49.02	11.78	28.76	9.64	188.57	29.18	3.41	74.72	
04/09/2024 06:40	19.12	6.7	124.45	11.79	18.6	1.97	50.38	11.78	29.19	10.22	189.94	28.34	3	76.78	
04/09/2024 06:45	19.28	6.54	121.13	11.79	18.92	2.12	47.1	11.78	29.42	9.98	184.87	28.84	3.22	71.8	
04/09/2024 06:50	18.83	6.34	123.64	11.78	19.08	2.24	47.53	11.78	28.72	9.66	188.55	29.09	3.41	72.47	
04/09/2024 06:55	19.31	6.68	123.77	11.79	18.54	2.07	50.88	11.78	29.46	10.19	188.81	28.27	3.15	77.56	
04/09/2024 07:00	19.4	6.61	121.68	11.79	18.55	2.15	48.72	11.78	29.58	10.08	185.59	28.29	3.28	74.28	
04/09/2024 07:05	18.81	6.35	125.16	11.78	18.63	2.22	49.38	11.78	28.68	9.68	190.85	28.4	3.38	75.28	
04/09/2024 07:10	19.11	6.7	125.03	11.79	18.24	2.03	51.95	11.78	29.17	10.23	190.87	27.8	3.1	79.18	
04/09/2024 07:15	19.14	6.6	122.34	11.79	18.6	2.08	48.46	11.78	29.21	10.07	186.72	28.35	3.18	73.85	
04/09/2024 07:20	18.86	6.14	123.12	11.78	18.67	2.14	48.19	11.78	28.73	9.35	187.57	28.46	3.26	73.44	
04/09/2024 07:25	19	6.55	123.96	11.79	18.52	1.93	50.13	11.78	28.98	9.99	189.05	28.21	2.95	76.37	
04/09/2024 07:30	19.1	6.52	119.07	11.78	18.89	2	46.61	11.77	29.12	9.94	181.56	28.76	3.04	70.98	
04/09/2024 07:35	18.7	6.3	124.95	11.78	18.89	2.06	46.61	11.77	28.48	9.6	190.37	28.76	3.14	70.95	
04/09/2024 07:40	18.98	6.65	124.54	11.78	18.47	1.76	48.41	11.77	28.95	10.14	189.9	28.13	2.69	73.71	
04/09/2024 07:45	19.04	6.55	121.45	11.78	18.86	1.97	46.98	11.77	29.02	9.98	185.17	28.72	3	71.56	
04/09/2024 07:50	18.74	6.21	123.84	11.78	18.83	2.02	47.08	11.77	28.55	9.46	188.66	28.67	3.07	71.68	
04/09/2024 07:55	19.21	6.63	124.58	11.78	18.47	1.79	49.53	11.77	29.3	10.1	189.95	28.13	2.72	75.42	
04/09/2024 08:00	19.26	6.54	119.32	11.78	18.85	1.86	46.34	11.77	29.36	9.97	181.91	28.7	2.83	70.55	
04/09/2024 08:05	18.82	6.09	121.92	11.77	18.86	1.88	46.05	11.77	28.66	9.27	185.69	28.7	2.86	70.08	
04/09/2024 08:10	19.15	6.5	122.48	11.78	18.58	1.62	47.35	11.77	29.18	9.91	186.61	28.28	2.47	72.05	
04/09/2024 08:15	19.24	6.45	118.76	11.78	18.95	1.83	45.98	11.77	29.3	9.83	180.93	28.84	2.79	69.97	
04/09/2024 08:20	18.73	6.04	122.32	11.77	19.09	1.86	46.02	11.77	28.52	9.2	186.24	29.06	2.83	70.02	
04/09/2024 08:25	19.24	6.49	122.03	11.78	18.61	1.67	48.26	11.76	29.32	9.89	185.98	28.32	2.55	73.43	
04/09/2024 08:30	19.37	6.4	119.32	11.78	18.96	1.82	45.91	11.76	29.51	9.75	181.81	28.84	2.76	69.85	
04/09/2024 08:35	18.96	6	121.16	11.77	18.83	1.84	45.8	11.76	28.87	9.13	184.45	28.65	2.81	69.68	
04/09/2024 08:40	19.21	6.27	120.83	11.78	18.48	1.62	48.29	11.76	29.26	9.55	184.1	28.12	2.47	73.47	
04/09/2024 08:45	19.37	6.19	118.23	11.78	19.03	1.86	46.12	11.77	29.5	9.43	180.11	28.97	2.83	70.21	
04/09/2024 08:50	18.96	5.92	120.04	11.77	19.28	1.89	46.47	11.77	28.86	9.01	182.77	29.35	2.88	70.74	
04/09/2024 08:55	19.23	6.33	121.47	11.78	18.78	1.65	47.97	11.77	29.29	9.65	185.05	28.58	2.51	73.01	
04/09/2024 09:00	19.35	6.18	118.75	11.77	18.9	1.73	45.3	11.77	29.47	9.42	180.86	28.77	2.64	68.95	
04/09/2024 09:05	18.98	5.77	119.36	11.77	19.14	1.92	45.48	11.76	28.89	8.78	181.65	29.12	2.93	69.19	
04/09/2024 09:10	19.34	6.29	121.22	11.77	18.93	1.87	48.36	11.76	29.45	9.58	184.56	28.8	2.84	73.59	
04/09/2024 09:15	19.43	6.15	117.9	11.77	18.92	1.64	45.32	11.76	29.57	9.36	179.49	28.79	2.49	68.95	
04/09/2024 09:20	19.02	5.74	118.9	11.76	19.08	1.72	44.89	11.76	28.94	8.73	180.89	29.02	2.62	68.29	
04/09/2024 09:25	19.31	6.15	119.91	11.77	18.64	1.48	47.38	11.76	29.38	9.35	182.51	28.34	2.25	72.04	
04/09/2024 09:30	19.37	6.06	117.34	11.76	19.08	1.66	44.89	11.76	29.47	9.22	178.55	29	2.52	68.25	
04/09/2024 09:35	18.96	5.57	117.88	11.75	19.36	1.72	45.02	11.76	28.82	8.46	179.16	29.43	2.61	68.43	
04/09/2024 09:40	19.43	5.92	117.39	11.76	18.75	1.47	47.41	11.75	29.55	9.01	178.49	28.48	2.23	72.04	
04/09/2024 09:45	19.57	5.82	114.26	11.76	19.11	1.71	44.66	11.75	29.75	8.84	173.71	29.04	2.59	67.86	
04/09/2024 09:50	18.99	5.5	118.11	11.75	19.38	2.03	44.55	11.75	28.85	8.36	179.44	29.44	3.09	67.68	
04/09/2024 09:55	19.19	5.88	117.55	11.76	18.61	1.51	47.54	11.75	29.18	8.95	178.71	28.27	2.3	72.22	
04/09/2024 10:00	19.24	5.86	113.82	11.75	18.93	1.46	45.09	11.75	29.24	8.9	173.01	28.76	2.22	68.48	
04/09/2024 10:05	18.93	5.44	117.44	11.75	19	1.5	44.61	11.75	28.75	8.26	178.34	28.85	2.28	67.74	
04/09/2024 10:10	19.36	5.76	117.03	11.75	18.65	1.17	45.22	11.75	29.42	8.76	177.83	28.31	1.78	68.67	
04/09/2024 10:15	19.44	5.62	113.94	11.75	18.93	1.3	43.27	11.75	29.54	8.54	173.14	28.75	1.97	65.72	
04/09/2024 10:20	19.07	5.21	115.24	11.75	18.95	1.19	42.25	11.75	28.97	7.91	175.08	28.79	1.8	64.17	
04/09/2024 10:25	19.43	5.65	116.09	11.76	18.85	1.29	45.52	11.75	29.54	8.6	176.51	28.65	1.96	69.17	
04/09/2024 10:30	19.45	5.5	112.42	11.76	18.9	1.38	44.75	11.75	29.57	8.36	170.92	28.73	2.09	68.02	
04/09/2024 10:35	19.06	5.29	116.51	11.75	19.03	1.5	44.53	11.75	28.96	8.04	177.09	28.93	2.28	67.68	
04/09/2024 10:40	19.54	5.52	114.81	11.76	18.85	1.29	45.97	11.76	29.73	8.4	174.68	28.66	1.96	69.88	
04/09/2024 10:45	19.58	5.39	112.28	11.76	19.01	1.25	42.38	11.76	29.78	8.21	170.82	28.9	1.9	64.42	
04/09/2024 10:50	19.08	5.06	114.8	11.76	19.14	1.09	41.61	11.75	29	7.7	174.5	29.09	1.66	63.23	
04/09/2024 10:55	19.32	5.53	115.4	11.77	18.63	1.06	45.64	11.76	29.39	8.41	175.59	28.32	1.61	69.38	
04/09/2024 11:00	19.3	5.37	112.07	11.76	18.95	1.25	42.75	11.76	29.36	8.17	170.51	28.81	1.9	65	
04/09/2024 11:05	19.13	5.3	117.85	11.76	18.69	1.14	41.89	11.75	29.08	8.07	179.21	28.4	1.73	63.66	
04/09/2024 11:10	19.44	5.55	116.71	11.77	18.34	1.03	46.77	11.76	29.6	8.45	177.7	27.88	1.56	71.11	
04/09/2024 11:15	19.45	5.43	114.34	11.77	19.11	1.31	43.46	11.76	29.61	8.26	174.1	29.07	2	66.11	
04/09/2024 11:20	19.1	5.36	118.28	11.76	18.89	0.86	43.38	11.76	29.06	8.16	179.96	28.73	1.31	65.96	
04/09/2024 11:25	19.31	5.8	118.61	11.77	18.6	1.08	46.44	11.76	29.41	8.84	180.67	28.3	1.65	70.66	
04/09/2024 11:30	19.21	5.61	115.52	11.77	18.82	1.36	43.86	11.77	29.25	8.54					



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/09/2024 13:15	19.41	5.44	113.91	11.79	18.76	1.14	42.09	11.79	29.6	8.3	173.76	28.61	1.73	64.18	
04/09/2024 13:20	19.09	4.87	114.75	11.78	18.42	0.92	42.23	11.78	29.1	7.43	174.9	28.09	1.41	64.39	
04/09/2024 13:25	19.74	5.22	114.12	11.79	18.55	0.9	43.16	11.78	30.12	7.97	174.09	28.29	1.37	65.8	
04/09/2024 13:30	19.77	5.13	111.4	11.79	18.64	1.01	41.63	11.78	30.15	7.82	169.91	28.41	1.54	63.46	
04/09/2024 13:35	19.06	4.93	115.14	11.79	18.83	1.22	41.42	11.78	29.07	7.52	175.65	28.7	1.86	63.14	
04/09/2024 13:40	19.58	5.4	115.59	11.79	18.63	1.29	44.89	11.79	29.88	8.24	176.4	28.41	1.97	68.46	
04/09/2024 13:45	19.59	5.32	110.96	11.79	18.51	1.1	41.91	11.79	29.9	8.11	169.31	28.23	1.68	63.93	
04/09/2024 13:50	18.74	4.71	115.17	11.79	18.58	1.11	41.56	11.79	28.6	7.19	175.73	28.33	1.69	63.39	
04/09/2024 13:55	19.19	5.23	116.04	11.8	18.23	1.1	45.66	11.79	29.3	7.99	177.19	27.83	1.68	69.68	
04/09/2024 14:00	19.14	5.11	112.44	11.8	18.68	1.43	42.86	11.8	29.23	7.8	171.69	28.54	2.19	65.46	
04/09/2024 14:05	18.86	4.86	115.17	11.8	19.19	1.75	42.7	11.8	28.8	7.42	175.85	29.31	2.67	65.24	
04/09/2024 14:10	19.37	5.27	115.53	11.81	18.49	1.28	45.4	11.8	29.62	8.05	176.68	28.26	1.96	69.39	
04/09/2024 14:15	19.4	5.17	112.96	11.81	18.24	1.08	42.57	11.81	29.66	7.9	172.74	27.9	1.64	65.09	
04/09/2024 14:20	18.85	4.86	115.15	11.81	18.22	1.09	42.28	11.81	28.82	7.43	176.08	27.85	1.67	64.64	
04/09/2024 14:25	19.22	5.2	115.35	11.82	17.72	0.86	45.1	11.81	29.42	7.95	176.57	27.09	1.32	68.97	
04/09/2024 14:30	19.13	5.09	113.36	11.82	18.18	1.15	42.75	11.82	29.28	7.79	173.54	27.82	1.77	65.42	
04/09/2024 14:35	18.65	4.93	116.51	11.81	18.03	1.17	43.5	11.82	28.53	7.54	178.24	27.59	1.79	66.57	
04/09/2024 14:40	19.14	5.42	116.81	11.82	17.64	0.95	46.2	11.82	29.32	8.31	178.9	27	1.46	70.71	
04/09/2024 14:45	19.05	5.27	113.93	11.82	17.98	1.22	44.15	11.82	29.17	8.08	174.48	27.52	1.86	67.58	
04/09/2024 14:50	18.72	4.97	116.62	11.82	17.91	1.17	44.25	11.82	28.65	7.61	178.51	27.42	1.8	67.75	
04/09/2024 14:55	19.24	5.35	116.6	11.83	17.52	0.93	47.11	11.82	29.49	8.2	178.68	26.82	1.43	72.14	
04/09/2024 15:00	19.15	5.14	113.61	11.83	17.83	1.02	43.47	11.82	29.34	7.88	174.09	27.31	1.57	66.57	
04/09/2024 15:05	18.71	4.92	116.87	11.82	17.45	0.64	43.38	11.82	28.63	7.54	178.88	26.71	0.98	66.39	
04/09/2024 15:10	19.24	5.38	116.31	11.83	17.5	0.81	47.36	11.82	29.49	8.25	178.24	26.79	1.24	72.51	
04/09/2024 15:15	19.18	5.25	113.48	11.83	18.01	1.23	44.62	11.83	29.4	8.05	173.91	27.59	1.89	68.36	
04/09/2024 15:20	18.63	5.02	117.5	11.82	17.88	1.31	44.78	11.83	28.53	7.68	179.91	27.38	2.01	68.59	
04/09/2024 15:25	19.16	5.43	117.86	11.83	17.33	0.94	46.95	11.82	29.37	8.32	180.62	26.54	1.44	71.9	
04/09/2024 15:30	19.18	5.34	116.47	11.83	17.84	1.2	44.97	11.83	29.39	8.18	178.47	27.32	1.85	68.89	
04/09/2024 15:35	18.57	5.04	117.44	11.83	17.78	1.22	44.84	11.82	28.44	7.72	179.91	27.23	1.87	68.66	
04/09/2024 15:40	18.74	5.24	118.14	11.84	17.34	0.84	46.38	11.83	28.74	8.03	181.17	26.56	1.29	71.06	
04/09/2024 15:45	18.86	5.34	114.92	11.84	17.87	1.13	43.37	11.83	28.93	8.19	176.24	27.39	1.74	66.48	
04/09/2024 15:50	18.79	5.09	116.89	11.83	17.77	1.09	43.61	11.83	28.79	7.79	179.1	27.23	1.68	66.83	
04/09/2024 15:55	18.48	4.89	118.61	11.83	17.52	0.81	45.79	11.83	28.32	7.5	181.81	26.84	1.24	70.15	
04/09/2024 16:00	18.3	4.71	115.97	11.83	17.94	1.14	44.17	11.83	28.05	7.21	177.74	27.49	1.75	67.7	
04/09/2024 16:05	18.71	4.91	116.5	11.83	18.06	1.14	43.73	11.83	28.67	7.52	178.51	27.69	1.75	67.03	
04/09/2024 16:10	19.11	5.41	117.76	11.84	17.42	0.73	46.73	11.83	29.31	8.3	180.62	26.69	1.12	71.61	
04/09/2024 16:15	19.17	5.31	115.31	11.84	17.72	1	43.8	11.83	29.4	8.14	176.84	27.16	1.53	67.13	
04/09/2024 16:20	18.63	5.12	117.81	11.83	17.94	1.08	44.41	11.83	28.54	7.85	180.47	27.48	1.65	68.04	
04/09/2024 16:25	18.57	5.01	117.51	11.83	17.53	0.92	47.13	11.83	28.45	7.68	180.07	26.86	1.41	72.23	
04/09/2024 16:30	18.35	4.71	113.68	11.83	17.96	1.21	44.16	11.83	28.11	7.21	174.17	27.53	1.85	67.69	
04/09/2024 16:35	18.55	5.06	118	11.83	17.84	1.22	43.7	11.83	28.42	7.75	180.79	27.35	1.87	67	
04/09/2024 16:40	19.08	5.36	117.91	11.83	17.52	0.97	46.58	11.83	29.24	8.21	180.7	26.85	1.49	71.39	
04/09/2024 16:45	18.94	5.1	114.89	11.83	17.84	0.96	43.97	11.83	29.02	7.82	176.04	27.33	1.46	67.36	
04/09/2024 16:50	18.5	4.94	116.43	11.82	17.27	0.47	43.92	11.82	28.33	7.56	178.3	26.43	0.72	67.24	
04/09/2024 16:55	19.28	6.19	118.26	11.83	17.37	0.71	46.28	11.82	29.55	9.48	181.28	26.6	1.09	70.89	
04/09/2024 17:00	19.29	6	114.25	11.83	17.88	1.15	43.47	11.83	29.55	9.2	175.05	27.4	1.76	66.6	
04/09/2024 17:05	18.13	4.13	107.46	11.79	17.91	1.2	43.45	11.83	27.66	6.31	163.95	27.44	1.84	66.58	
04/09/2024 17:10	18.5	5.05	110	11.8	18.08	1.21	45.44	11.82	28.24	7.7	167.95	27.68	1.85	69.57	
04/09/2024 17:15	18.69	5.13	107.33	11.8	18.04	0.99	42.8	11.82	28.54	7.83	163.89	27.61	1.52	65.51	
04/09/2024 17:20	18.08	4.25	109.24	11.78	18.25	1.03	42.34	11.82	27.56	6.48	166.48	27.92	1.58	64.79	
04/09/2024 17:25	18.39	4.62	109.13	11.78	17.93	1.03	47.21	11.81	28.04	7.05	166.4	27.42	1.58	72.2	
04/09/2024 17:30	18.68	4.99	107.11	11.79	17.8	0.88	40.65	11.79	28.5	7.62	163.41	27.15	1.34	61.99	
04/09/2024 17:35	18.68	5.33	117.11	11.81	18.16	1.16	40.73	11.78	28.56	8.15	179.07	27.69	1.76	62.11	
04/09/2024 17:40	18.29	4.94	117.57	11.81	17.52	0.85	44.03	11.78	27.98	7.56	179.79	26.7	1.3	67.12	
04/09/2024 17:45	18.08	4.65	114.71	11.81	17.89	1.02	42.38	11.78	27.64	7.11	175.36	27.26	1.55	64.57	
04/09/2024 17:50	18.7	5.28	117.53	11.8	18	0.84	42.34	11.77	28.56	8.07	179.55	27.41	1.29	64.49	
04/09/2024 17:55	19.18	5.97	117.86	11.81	18.07	0.94	47.06	11.79	29.32	9.12	180.17	27.57	1.43	71.8	
04/09/2024 18:00	19.54	6.15	115.57	11.81	18.73	1.45	44.78	11.8	29.87	9.41	176.69	28.61	2.22	68.4	
04/09/2024 18:05	18.59	5.05	116.28	11.79	19.34	1.64	45.14	11.8	28.38	7.71	177.46	29.55	2.51	68.96	
04/09/2024 18:10	19.11	5.56	115.88	11.8	18.17	1.14	47.32	11.8	29.19	8.5	176.98	27.74	1.74	72.25	
04/09/2024 18:15	19.19	5.59	113.75	11.8	18.23	1.1	44.3	11.79	29.31	8.54	173.72	27.82	1.68	67.62	
04/09/2024 18:20	18.54	4.92	115.73	11.78	17.83	0.83	43.7	11.79	28.27	7.5	176.45	27.19	1.26	66.66	
04/09/2024 18:25	19.18	5.61	115.87	11.79	18.36	1.17	45.91	11.79	29.28	8.56	176.83	28.01	1.78	70.04	
04/09/2024 18:30	19.31	5.64	113.5	11.79	18.52	1.06	43.63	11.79	29.48	8.61	173.22	28.25	1.62	66.54	
04/09/2024 18:35	18.77	4.96	115.88	11.78	18.58	1.17	43.63	11.79	28.61	7.56	176.66	28.34	1.79	66.54	
04/09/2024 18:40	19.51	5.87	116.72	11.79	18.18	0.97	46.85	11.78	29.76	8.95	178.05	27.72	1.48	71.42	
04/09/2024 18:45	19.58	5.8	113.91	11.79	18.8	1.21	43.92	11.78	29.86	8.85	173.75	28.66	1.85	66.95	
04/09/2024 18:50	19.12	5.35	116.61	11.77	18.8	0.94	43.52	11.77	29.12	8.15	177.6	28.63	1.43	66.28	
04/09/2024 18:55	19.66	5.8	115.95	11.78	17.95	0.77	46.29	11.77	29.96	8.84	176.69	27.31	1.17	70.45	
04/09/2024 19:00	19.71	5.7	113.03	11.78	18.71	1.19	44.14	11.76	30.02	8.69	172.22	28.47	1.81	67.16	
04/09/2024 19:05	19.27	5.31	115.45	11.76	18.83	1.3	43.88	11.77	29.31	8.08	175.56	28.65	1.97	66.77	
04/09/2024 19:10	19.68	5.84	115.31	11.76	18.79	1.36	47.23	11.76	29.93	8.89	175.39	28.59	2.07	71.85	
04/09/2024 19:15	19.79	5.77	112.96	11.76	19.09	1.41	44.31	11.76	30.09	8.78	171.8</				



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/09/2024 21:00	20.04	5.7	113.99	11.74	18.89	1.26	43.82	11.73	30.39	8.64	172.91	28.64	1.92	66.46	
04/09/2024 21:05	19.62	5.27	114.88	11.72	19.13	1.45	44.2	11.73	29.72	7.98	174.03	28.99	2.2	67.01	
04/09/2024 21:10	20.05	5.8	115.95	11.73	18.77	1.32	46.2	11.73	30.39	8.79	175.8	28.46	1.99	70.03	
04/09/2024 21:15	20.05	5.64	112.74	11.73	18.99	1.39	43.75	11.73	30.4	8.55	170.92	28.78	2.11	66.3	
04/09/2024 21:20	19.45	5.28	115.23	11.72	19.11	1.42	43.36	11.73	29.47	8	174.57	28.96	2.16	65.7	
04/09/2024 21:25	19.77	5.72	115.97	11.74	18.86	1.33	45.69	11.73	29.99	8.67	175.88	28.58	2.01	69.26	
04/09/2024 21:30	19.83	5.7	113.4	11.73	18.85	1.29	43.61	11.73	30.07	8.64	171.97	28.58	1.95	66.12	
04/09/2024 21:35	19.4	5.26	114.85	11.72	18.94	1.14	42.86	11.73	29.39	7.97	173.96	28.69	1.73	64.94	
04/09/2024 21:40	19.95	5.76	114.79	11.73	18.68	1.26	47.02	11.73	30.24	8.73	173.99	28.31	1.92	71.26	
04/09/2024 21:45	19.91	5.66	111.74	11.73	18.86	1.39	43.63	11.73	30.18	8.59	169.36	28.59	2.1	66.13	
04/09/2024 21:50	19.48	5.05	112.31	11.72	18.72	1.31	43.39	11.73	29.5	7.65	170.07	28.36	1.99	65.75	
04/09/2024 21:55	20.03	5.45	112.39	11.73	18.63	1.19	47.38	11.73	30.35	8.27	170.36	28.24	1.81	71.8	
04/09/2024 22:00	20.02	5.42	108.7	11.73	18.96	1.4	42.45	11.73	30.33	8.21	164.74	28.73	2.12	64.32	
04/09/2024 22:05	19.64	4.97	111.34	11.72	18.52	0.86	41.84	11.72	29.74	7.53	168.56	28.03	1.3	63.35	
04/09/2024 22:10	20.08	5.47	111.56	11.73	18.61	1.14	44.32	11.72	30.42	8.28	169.03	28.18	1.73	67.12	
04/09/2024 22:15	20.05	5.36	109	11.73	18.72	1.25	41.58	11.72	30.38	8.12	165.13	28.36	1.89	62.99	
04/09/2024 22:20	19.67	4.8	109.25	11.72	18.61	1.25	42.22	11.73	29.78	7.28	165.42	28.2	1.9	63.97	
04/09/2024 22:25	20.07	5.38	111.25	11.73	18.32	1.09	44.74	11.73	30.42	8.16	168.67	27.76	1.65	67.79	
04/09/2024 22:30	20.03	5.28	108.16	11.73	18.6	1.15	39.26	11.73	30.36	8	163.97	28.2	1.75	59.5	
04/09/2024 22:35	19.91	4.57	105.84	11.72	18.72	0.92	38.16	11.73	30.16	6.92	160.33	28.36	1.4	57.82	
04/09/2024 22:40	20.19	4.9	103.76	11.73	18.57	0.96	40.4	11.73	30.61	7.42	157.32	28.14	1.45	61.22	
04/09/2024 22:45	20.12	4.86	102.75	11.73	18.43	0.91	38.55	11.73	30.51	7.37	155.77	27.92	1.38	58.41	
04/09/2024 22:50	19.73	4.68	108.11	11.72	18.81	1.02	38.44	11.73	29.89	7.1	163.77	28.5	1.54	58.23	
04/09/2024 22:55	20.05	5.25	109.2	11.73	18.42	0.92	42.43	11.73	30.4	7.96	165.57	27.92	1.39	64.3	
04/09/2024 23:00	19.96	5.16	103.94	11.73	18.6	1.09	40.39	11.73	30.26	7.82	157.6	28.2	1.65	61.23	
04/09/2024 23:05	19.91	4.63	106.92	11.73	18.14	0.92	39.94	11.73	30.18	7.02	162.01	27.5	1.4	60.54	
04/09/2024 23:10	20.42	4.97	106.11	11.74	18.53	1.1	42.27	11.73	30.97	7.54	160.94	28.09	1.67	64.08	
04/09/2024 23:15	20.51	4.94	104.87	11.73	18.85	1.18	39.42	11.73	31.11	7.49	159.04	28.57	1.79	59.75	
04/09/2024 23:20	19.6	4.53	107	11.72	19.03	1.33	39.08	11.73	29.69	6.86	162.07	28.84	2.01	59.21	
04/09/2024 23:25	19.96	5.12	108.41	11.73	18.83	1.19	42.42	11.73	30.26	7.77	164.35	28.53	1.8	64.28	
04/09/2024 23:30	20.05	5.13	106.2	11.73	19.16	1.45	40.14	11.72	30.39	7.78	160.98	29.03	2.2	60.82	
04/09/2024 23:35	19.78	4.92	110.8	11.72	19.86	2.03	40.53	11.73	29.94	7.44	167.75	30.09	3.08	61.41	
04/09/2024 23:40	20.39	5.37	111.04	11.73	18.83	1.27	42.93	11.73	30.9	8.14	168.27	28.53	1.92	65.04	
04/09/2024 23:45	20.41	5.33	107.75	11.73	18.9	1.23	40.78	11.73	30.93	8.08	163.26	28.64	1.86	61.8	
04/09/2024 23:50	19.81	4.72	108.38	11.72	18.5	1.08	40.86	11.73	30.02	7.15	164.19	28.03	1.63	61.9	
04/09/2024 23:55	20.34	5.16	108.52	11.74	18.66	1.17	42.93	11.73	30.86	7.83	164.59	28.28	1.78	65.07	
05/09/2024 00:00	20.38	5.06	104.73	11.73	19.02	1.32	40.61	11.73	30.91	7.67	158.83	28.84	2	61.56	
05/09/2024 00:05	19.94	4.81	108.82	11.73	19.5	1.77	40.47	11.73	30.21	7.29	164.89	29.57	2.68	61.37	
05/09/2024 00:10	20.1	5.24	109.15	11.73	18.98	1.48	43.02	11.73	30.47	7.95	165.5	28.78	2.24	65.23	
05/09/2024 00:15	20.09	5.19	106.77	11.73	18.76	1.23	40.3	11.73	30.45	7.87	161.87	28.42	1.87	61.06	
05/09/2024 00:20	19.86	4.71	108.18	11.72	19.03	1.44	40.17	11.72	30.07	7.13	163.81	28.83	2.18	60.85	
05/09/2024 00:25	20.11	5.19	107.93	11.73	18.71	1.2	42.38	11.72	30.47	7.86	163.54	28.34	1.81	64.2	
05/09/2024 00:30	20.14	5.14	105.47	11.73	19.05	1.43	39.9	11.73	30.51	7.8	159.81	28.87	2.17	60.47	
05/09/2024 00:35	19.8	4.76	108.17	11.72	19.59	1.78	39.2	11.73	29.99	7.2	163.81	29.69	2.7	59.4	
05/09/2024 00:40	20.25	5.26	108.98	11.73	19.01	1.35	42.28	11.73	30.68	7.98	165.13	28.8	2.04	64.06	
05/09/2024 00:45	20.21	5.23	106.82	11.73	18.83	1.36	40.24	11.73	30.62	7.92	161.84	28.53	2.06	60.96	
05/09/2024 00:50	19.68	4.76	109.56	11.72	18.97	1.47	40.78	11.73	29.8	7.2	165.87	28.74	2.23	61.78	
05/09/2024 00:55	20.15	5.25	110.24	11.73	18.74	1.26	43.57	11.72	30.53	7.96	167.04	28.39	1.91	66.01	
05/09/2024 01:00	20.17	5.24	108.47	11.73	19.07	1.42	41.57	11.73	30.56	7.94	164.34	28.9	2.14	62.98	
05/09/2024 01:05	19.72	5.01	112.26	11.72	18.94	1.39	41.14	11.72	29.86	7.58	169.99	28.68	2.11	62.31	
05/09/2024 01:10	20.14	5.46	112.15	11.73	18.28	0.89	45.06	11.72	30.52	8.28	170	27.69	1.35	68.25	
05/09/2024 01:15	20.14	5.32	109.09	11.73	18.88	1.3	42.25	11.73	30.53	8.07	165.33	28.6	1.97	64.02	
05/09/2024 01:20	19.67	5	111.51	11.72	19.13	1.34	41.45	11.72	29.78	7.58	168.83	28.97	2.04	62.79	
05/09/2024 01:25	20.2	5.38	111.87	11.73	18.73	1.18	43.96	11.72	30.61	8.15	169.5	28.36	1.8	66.58	
05/09/2024 01:30	20.15	5.33	109.8	11.73	19.03	1.44	42.12	11.73	30.52	8.08	166.35	28.83	2.19	63.82	
05/09/2024 01:35	19.76	5	112.03	11.72	19.17	1.53	42.25	11.72	29.91	7.57	169.54	29.04	2.32	64	
05/09/2024 01:40	20.13	5.51	112.99	11.72	18.79	1.38	47.14	11.72	30.49	8.35	171.14	28.46	2.1	71.39	
05/09/2024 01:45	20.13	5.45	112	11.72	18.74	1.3	43.23	11.72	30.5	8.26	169.64	28.38	1.97	65.47	
05/09/2024 01:50	19.69	5.08	112.36	11.72	18.53	1.33	43.89	11.72	29.81	7.68	170.08	28.07	2.01	66.47	
05/09/2024 01:55	20.26	5.47	112.09	11.73	18.62	1.37	46.64	11.72	30.69	8.28	169.84	28.2	2.08	70.64	
05/09/2024 02:00	20.24	5.38	109.19	11.73	18.94	1.57	43.59	11.73	30.67	8.15	165.45	28.7	2.38	66.05	
05/09/2024 02:05	19.61	5.05	112.51	11.72	18.88	1.58	43.8	11.73	29.68	7.64	170.29	28.6	2.39	66.35	
05/09/2024 02:10	20.01	5.56	112.86	11.73	18.7	1.54	47.37	11.73	30.33	8.43	171.01	28.33	2.34	71.77	
05/09/2024 02:15	20.02	5.58	112.26	11.73	18.93	1.54	43.29	11.72	30.33	8.46	170.12	28.68	2.33	65.58	
05/09/2024 02:20	19.57	5.1	112.61	11.72	18.98	1.55	43.2	11.72	29.63	7.72	170.45	28.76	2.34	65.44	
05/09/2024 02:25	20.04	5.51	112.33	11.73	18.71	1.41	45.5	11.72	30.37	8.35	170.24	28.34	2.13	68.92	
05/09/2024 02:30	20.05	5.36	109.34	11.73	18.83	1.53	43.11	11.72	30.38	8.13	165.71	28.52	2.32	65.3	
05/09/2024 02:35	19.63	5.12	113.91	11.71	19.17	1.61	42.48	11.72	29.7	7.75	172.36	29.04	2.44	64.35	
05/09/2024 02:40	20.07	5.58	114.72	11.72	18.62	1.37	45.6	11.72	30.4	8.45	173.76	28.2	2.07	69.06	
05/09/2024 02:45	20.07	5.56	113.05	11.72	18.75	1.51	43.76	11.72	30.4	8.42	171.22	28.4	2.29	66.27	
05/09/2024 02:50	19.68	5.07	112.99	11.71	18.67	1.56	43.52	11.72	29.77	7.67	170.9	28.27	2.37	65.88	
05/09/2024 02:55	20.09	5.39	111.83	11.72	18.53	1.39	45.18	11.72	30.41	8.16	169.32	28.05	2.1	68.39	
05/09/2024 03:00	20.13	5.3	109.4	11.72	18.88	1.49	43	11.72	30.48	8.02	165.62	28.59			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
05/09/2024 04:45	20.14	5.52	110.91	11.72	18.84	1.46	43.28	11.72	30.49	8.35	167.85	28.52	2.21	65.51	
05/09/2024 04:50	19.74	5.23	114.02	11.71	18.69	1.67	43.42	11.72	29.87	7.92	172.51	28.29	2.53	65.74	
05/09/2024 04:55	20.19	5.61	114.25	11.72	18.68	1.53	45.77	11.72	30.58	8.49	173.02	28.29	2.31	69.29	
05/09/2024 05:00	20.25	5.59	110.13	11.72	19.02	1.62	43.05	11.72	30.67	8.46	166.76	28.78	2.46	65.17	
05/09/2024 05:05	19.64	5.17	113.67	11.71	19.03	1.61	42.55	11.71	29.71	7.82	171.92	28.8	2.44	64.38	
05/09/2024 05:10	19.93	5.64	114.64	11.72	18.7	1.59	47.45	11.72	30.17	8.53	173.58	28.31	2.4	71.82	
05/09/2024 05:15	19.88	5.61	111.1	11.72	18.98	1.64	43.38	11.72	30.1	8.5	168.21	28.74	2.48	65.69	
05/09/2024 05:20	19.61	5.17	113.85	11.71	19.08	1.66	43.58	11.72	29.67	7.82	172.24	28.88	2.51	65.98	
05/09/2024 05:25	19.94	5.6	114.07	11.72	18.74	1.43	44.84	11.72	30.19	8.48	172.78	28.37	2.17	67.88	
05/09/2024 05:30	19.9	5.42	110.05	11.72	19.17	1.57	42.81	11.72	30.14	8.21	166.68	29.02	2.38	64.84	
05/09/2024 05:35	19.55	5.12	113.33	11.71	19.45	1.58	43.02	11.72	29.59	7.75	171.48	29.46	2.39	65.15	
05/09/2024 05:40	19.89	5.51	113.87	11.72	18.79	1.32	45.57	11.72	30.12	8.35	172.42	28.45	2	68.98	
05/09/2024 05:45	19.82	5.43	111.04	11.72	18.99	1.55	42.78	11.72	30.01	8.22	168.15	28.75	2.34	64.76	
05/09/2024 05:50	19.64	5.17	113.98	11.71	19.05	1.66	42.7	11.72	29.73	7.82	172.48	28.83	2.51	64.63	
05/09/2024 05:55	19.93	5.59	114.38	11.73	18.79	1.49	45.37	11.72	30.2	8.47	173.3	28.45	2.25	68.7	
05/09/2024 06:00	19.92	5.49	111.41	11.72	18.99	1.5	43.36	11.72	30.18	8.31	168.78	28.76	2.28	65.66	
05/09/2024 06:05	19.69	5.17	113.62	11.71	19.09	1.67	44.05	11.72	29.78	7.82	171.87	28.92	2.53	66.71	
05/09/2024 06:10	20.13	5.57	114.18	11.72	18.85	1.5	46.7	11.72	30.48	8.43	172.84	28.54	2.26	70.71	
05/09/2024 06:15	20.14	5.36	109.53	11.72	18.88	1.58	42.65	11.72	30.49	8.12	165.81	28.58	2.39	64.56	
05/09/2024 06:20	19.83	5.13	113.03	11.71	18.88	1.61	42.13	11.72	30	7.76	171.04	28.58	2.44	63.78	
05/09/2024 06:25	19.99	5.54	113.84	11.72	18.43	1.28	44.55	11.72	30.27	8.39	172.41	27.9	1.93	67.43	
05/09/2024 06:30	19.99	5.42	111.03	11.72	18.91	1.6	43.02	11.72	30.27	8.21	168.12	28.63	2.42	65.13	
05/09/2024 06:35	19.75	5.12	112.65	11.71	18.81	1.72	43.25	11.72	29.87	7.74	170.37	28.48	2.6	65.48	
05/09/2024 06:40	20.1	5.49	113.18	11.72	18.51	1.39	46.89	11.72	30.43	8.31	171.38	28.02	2.11	70.96	
05/09/2024 06:45	20.07	5.39	110.75	11.72	18.81	1.57	41.87	11.71	30.38	8.16	167.71	28.46	2.37	63.35	
05/09/2024 06:50	19.76	5.09	112.72	11.71	18.92	1.55	41.52	11.71	29.89	7.7	170.51	28.63	2.34	62.81	
05/09/2024 06:55	20.06	5.53	114.41	11.72	18.48	1.38	47.21	11.71	30.37	8.37	173.14	27.96	2.09	71.44	
05/09/2024 07:00	20.04	5.43	111.73	11.71	18.72	1.55	43	11.72	30.32	8.22	169.09	28.34	2.35	65.11	
05/09/2024 07:05	19.69	5.01	112.63	11.71	18.94	1.58	42.98	11.72	29.78	7.57	170.33	28.66	2.39	65.05	
05/09/2024 07:10	20.16	5.53	113.86	11.72	18.61	1.4	46.1	11.71	30.51	8.36	172.35	28.16	2.11	69.76	
05/09/2024 07:15	20.07	5.45	111.21	11.72	18.95	1.53	42.33	11.71	30.38	8.24	168.35	28.68	2.31	64.05	
05/09/2024 07:20	19.86	5.01	112.33	11.71	18.97	1.45	42	11.71	30.03	7.57	169.83	28.69	2.2	63.53	
05/09/2024 07:25	20.12	5.41	112.49	11.72	18.75	1.38	44.78	11.71	30.45	8.19	170.24	28.36	2.08	67.75	
05/09/2024 07:30	20.12	5.35	109.94	11.71	18.94	1.43	41.8	11.71	30.45	8.1	166.37	28.65	2.17	63.25	
05/09/2024 07:35	19.78	4.94	112.19	11.71	19.28	1.56	42.22	11.71	29.91	7.47	169.63	29.18	2.37	63.88	
05/09/2024 07:40	19.93	5.32	111.49	11.71	18.7	1.25	44.34	11.71	30.17	8.05	168.71	28.28	1.9	67.07	
05/09/2024 07:45	19.92	5.18	108.57	11.71	18.91	1.32	41.72	11.71	30.14	7.84	164.28	28.59	2	63.1	
05/09/2024 07:50	19.86	4.86	111.08	11.7	18.83	1.28	41.11	11.7	30.02	7.34	167.85	28.46	1.94	62.14	
05/09/2024 07:55	20.27	5.24	111.36	11.71	18.82	1.22	43.86	11.71	30.67	7.92	168.43	28.46	1.85	66.32	
05/09/2024 08:00	20.28	5.15	110.51	11.71	19.11	1.26	41.68	11.71	30.68	7.79	167.15	28.89	1.9	63.01	
05/09/2024 08:05	19.6	4.79	112.16	11.7	18.61	1	41.64	11.7	29.62	7.24	169.47	28.12	1.51	62.92	
05/09/2024 08:10	20.05	4.98	111.35	11.71	18.45	0.95	44.39	11.7	30.31	7.53	168.33	27.88	1.44	67.08	
05/09/2024 08:15	19.98	4.83	108.54	11.7	19.02	1.34	42.9	11.7	30.2	7.3	164.06	28.75	2.03	64.85	
05/09/2024 08:20	19.84	4.85	111.99	11.7	19.03	1.36	44.16	11.7	29.96	7.32	169.11	28.77	2.06	66.75	
05/09/2024 08:25	20.59	5.56	112.33	11.7	18.86	1.09	45.82	11.7	31.12	8.41	169.81	28.5	1.65	69.23	
05/09/2024 08:30	20.72	5.55	109.85	11.71	19.31	1.3	41.92	11.7	31.32	8.39	166.07	29.17	1.96	63.34	
05/09/2024 08:35	19.82	4.59	109.34	11.69	19.78	1.45	41.8	11.7	29.92	6.93	165.05	29.9	2.2	63.17	
05/09/2024 08:40	19.65	4.16	108.38	11.69	19.01	1.16	43.95	11.7	29.66	6.28	163.62	28.73	1.75	66.4	
05/09/2024 08:45	19.56	4.06	105.6	11.69	19.11	1.25	41.45	11.7	29.54	6.12	159.43	28.88	1.89	62.63	
05/09/2024 08:50	19.28	4.16	109.29	11.69	19	1.13	41.67	11.7	29.1	6.28	164.92	28.71	1.7	62.96	
05/09/2024 08:55	19.77	4.71	110.38	11.69	18.69	0.88	44.12	11.7	29.84	7.12	166.64	28.23	1.33	66.63	
05/09/2024 09:00	19.71	4.67	107.93	11.69	19.37	1.12	41.36	11.69	29.76	7.05	162.92	29.24	1.69	62.46	
05/09/2024 09:05	19.62	4.43	110.92	11.69	18.61	0.56	41.7	11.69	29.6	6.69	167.33	28.07	0.85	62.91	
05/09/2024 09:10	19.82	4.7	111.55	11.69	18.83	0.84	44.58	11.69	29.92	7.1	168.41	28.43	1.27	67.31	
05/09/2024 09:15	19.95	4.63	108.61	11.69	19.3	1.13	41.92	11.7	30.11	6.99	163.97	29.15	1.71	63.31	
05/09/2024 09:20	19.68	4.55	110.64	11.69	19.42	1.59	41.78	11.7	29.7	6.86	166.96	29.33	2.41	63.1	
05/09/2024 09:25	19.97	4.58	110.31	11.7	19.2	1.21	44.09	11.7	30.16	6.92	166.6	29.01	1.82	66.59	
05/09/2024 09:30	19.69	4.22	106.76	11.69	19.21	1.05	41.33	11.7	29.74	6.38	161.21	29.03	1.59	62.44	
05/09/2024 09:35	19.69	4.43	109.96	11.69	19.2	1.14	40.91	11.7	29.71	6.68	165.96	29	1.72	61.78	
05/09/2024 09:40	20.38	5.18	108.8	11.7	18.98	0.95	43.32	11.7	30.8	7.83	164.46	28.68	1.44	65.44	
05/09/2024 09:45	20.44	5.21	106.05	11.7	19.43	1.22	40.64	11.7	30.9	7.88	160.3	29.36	1.84	61.4	
05/09/2024 09:50	19.65	4.36	109.42	11.69	20.22	1.92	41.08	11.71	29.66	6.58	165.13	30.57	2.91	62.11	
05/09/2024 09:55	20.53	5.09	108.75	11.7	19.35	1.24	42.61	11.7	31.02	7.7	164.37	29.25	1.87	64.39	
05/09/2024 10:00	20.57	5.08	107.3	11.7	19.36	1.17	40.78	11.7	31.1	7.67	162.2	29.26	1.77	61.65	
05/09/2024 10:05	19.71	4.46	108.46	11.7	19.61	1.47	41.27	11.71	29.79	6.74	163.92	29.65	2.22	62.4	
05/09/2024 10:10	18.88	3.82	107.86	11.71	18.79	0.81	43.11	11.71	28.54	5.77	163.06	28.42	1.22	65.19	
05/09/2024 10:15	18.79	3.63	105.15	11.71	19.3	1.07	40.62	11.71	28.41	5.49	158.96	29.19	1.61	61.44	
05/09/2024 10:20	19.27	4.16	108.78	11.7	19.2	0.86	40.78	11.71	29.12	6.28	164.41	29.04	1.3	61.68	
05/09/2024 10:25	19.83	4.63	109.32	11.71	18.88	0.89	44.15	11.71	30.01	7.01	165.4	28.57	1.35	66.79	
05/09/2024 10:30	19.89	4.56	106.29	11.71	19.06	1.03	40.34	11.72	30.11	6.89	160.85	28.84	1.56	61.05	
05/09/2024 10:35	19.47	4.2	108.8	11.71	19.86	1.67	41.19	11.72	29.45	6.36	164.58	30.08	2.53	62.38	
05/09/2024 10:40	19.66	4.51	109.02	11.72	19.18	1.15	43.58	11.72	29.76	6.83	165	29.05	1.75	66	
05/09/2024 10:45	19.86	4.72	108.42	11.72	18.98	0.83	40.41	11.72	30.06	7.15	164.12	28.74	1.2		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
05/09/2024 12:30	19.75	4.49	108.44	11.77	18.58	0.8	40.35	11.78	30.08	6.83	165.14	28.31	1.21	61.48	
05/09/2024 12:35	19.13	4.01	108.9	11.77	18.3	0.5	40.64	11.78	29.12	6.1	165.77	27.88	0.76	61.92	
05/09/2024 12:40	19.63	4.59	108.61	11.78	18.19	0.57	46.39	11.78	29.92	7	165.54	27.72	0.87	70.7	
05/09/2024 12:45	19.63	4.52	104.77	11.78	18.44	0.6	38.71	11.78	29.91	6.88	159.68	28.12	0.91	59.02	
05/09/2024 12:50	19.4	3.86	105.51	11.78	18.53	0.89	38.86	11.79	29.57	5.89	160.83	28.26	1.36	59.27	
05/09/2024 12:55	19.9	4.35	106.69	11.79	18.18	0.72	41.83	11.79	30.36	6.64	162.77	27.73	1.1	63.81	
05/09/2024 13:00	19.85	4.17	104.38	11.79	18.63	0.83	39.22	11.8	30.29	6.36	159.25	28.45	1.27	59.88	
05/09/2024 13:05	19.18	3.92	106.14	11.79	18.5	0.81	40.05	11.8	29.27	5.98	162	28.26	1.24	61.17	
05/09/2024 13:10	19.72	4.51	107.06	11.8	18.02	0.66	42.52	11.8	30.13	6.88	163.54	27.53	1.01	64.95	
05/09/2024 13:15	19.59	4.34	104.09	11.8	18.35	0.83	39.96	11.8	29.93	6.62	159.03	28.05	1.27	61.06	
05/09/2024 13:20	19.26	4.16	108.6	11.8	18.28	0.81	39.63	11.8	29.42	6.35	165.83	27.92	1.24	60.53	
05/09/2024 13:25	19.71	4.63	109.56	11.8	17.94	0.65	43.06	11.8	30.12	7.08	167.43	27.41	1	65.79	
05/09/2024 13:30	19.63	4.49	105.44	11.8	18.32	0.91	40.94	11.81	30.01	6.87	161.13	28.02	1.38	62.6	
05/09/2024 13:35	19.23	4.01	106.96	11.8	18.25	0.61	39.83	11.8	29.38	6.13	163.45	27.89	0.93	60.87	
05/09/2024 13:40	19.57	4.45	106.55	11.81	17.82	0.62	42.67	11.81	29.93	6.8	162.96	27.26	0.94	65.26	
05/09/2024 13:45	19.47	4.3	103.48	11.81	18.39	0.87	40	11.82	29.78	6.58	158.27	28.14	1.33	61.22	
05/09/2024 13:50	19.13	3.96	107.23	11.81	18.48	0.92	40.25	11.81	29.25	6.06	163.92	28.28	1.41	61.58	
05/09/2024 13:55	19.72	4.59	108.15	11.82	17.83	0.62	40.94	11.81	30.19	7.02	165.54	27.27	0.96	62.62	
05/09/2024 14:00	19.7	4.47	105.59	11.82	18.06	0.66	39.82	11.82	30.15	6.84	161.61	27.63	1	60.92	
05/09/2024 14:05	19.21	4.04	107.3	11.81	17.83	0.7	39.95	11.81	29.36	6.17	164.01	27.27	1.08	61.12	
05/09/2024 14:10	19.86	4.37	106.25	11.81	17.6	0.67	41.96	11.81	30.39	6.68	162.56	26.91	1.02	64.18	
05/09/2024 14:15	19.77	4.19	103.35	11.81	18.31	0.87	39.98	11.81	30.25	6.42	158.12	28.01	1.34	61.17	
05/09/2024 14:20	19.2	4.09	108.55	11.81	18.58	0.94	39.83	11.82	29.35	6.26	165.9	28.43	1.44	60.94	
05/09/2024 14:25	19.72	4.48	107.03	11.81	17.98	0.67	41.91	11.81	30.16	6.86	163.72	27.49	1.03	64.09	
05/09/2024 14:30	19.61	4.37	104.53	11.81	18.31	0.89	41.63	11.81	30	6.69	159.9	28.01	1.36	63.68	
05/09/2024 14:35	19.36	4.16	108.49	11.8	18.16	0.89	41.64	11.81	29.58	6.36	165.77	27.77	1.36	63.69	
05/09/2024 14:40	19.7	4.49	106.97	11.81	17.91	0.74	44.03	11.81	30.14	6.86	163.66	27.4	1.13	67.35	
05/09/2024 14:45	19.61	4.37	103.12	11.82	18.49	0.93	40.84	11.82	30.01	6.68	157.78	28.3	1.42	62.49	
05/09/2024 14:50	19.2	4.06	108	11.81	18.44	0.83	41.55	11.82	29.36	6.2	165.12	28.22	1.27	63.59	
05/09/2024 14:55	19.81	4.6	109.04	11.82	17.96	0.7	43.34	11.82	30.31	7.04	166.85	27.49	1.08	66.32	
05/09/2024 15:00	19.75	4.46	106.7	11.82	18.32	0.91	41.02	11.82	30.23	6.82	163.27	28.04	1.4	62.79	
05/09/2024 15:05	19.19	4.15	108.54	11.81	18.22	0.92	41.73	11.82	29.36	6.35	166.04	27.89	1.41	63.88	
05/09/2024 15:10	19.66	4.65	109.53	11.82	18	0.72	43.28	11.82	30.1	7.11	167.7	27.55	1.1	66.24	
05/09/2024 15:15	19.62	4.46	106.36	11.82	18.27	0.84	40.72	11.82	30.05	6.82	162.85	27.97	1.29	62.35	
05/09/2024 15:20	19.12	4.17	109	11.82	18.2	0.95	40.67	11.82	29.25	6.38	166.79	27.87	1.46	62.27	
05/09/2024 15:25	19.62	4.66	109.11	11.83	17.92	0.74	43.31	11.82	30.06	7.14	167.14	27.44	1.13	66.33	
05/09/2024 15:30	19.55	4.62	106.59	11.83	18.26	0.94	41.62	11.82	29.95	7.07	163.26	27.96	1.44	63.74	
05/09/2024 15:35	19.16	4.29	109.71	11.81	18.3	0.92	41.75	11.82	29.32	6.57	167.85	28.02	1.41	63.94	
05/09/2024 15:40	19.64	4.69	109.38	11.82	17.92	0.7	43.31	11.82	30.06	7.17	167.44	27.43	1.08	66.31	
05/09/2024 15:45	19.58	4.6	107.09	11.82	18.31	0.97	41.4	11.82	29.97	7.04	163.91	28.04	1.48	63.39	
05/09/2024 15:50	19.07	4.24	109.72	11.81	18.39	0.88	41.84	11.82	29.17	6.48	167.81	28.15	1.34	64.06	
05/09/2024 15:55	19.62	4.68	109.75	11.82	17.93	0.76	44.79	11.82	30.04	7.17	168	27.44	1.17	68.57	
05/09/2024 16:00	19.57	4.59	107.19	11.82	18.07	0.82	41.07	11.82	29.95	7.03	164.06	27.66	1.25	62.85	
05/09/2024 16:05	19.17	4.27	109.72	11.81	18.44	1.14	40.41	11.82	29.31	6.53	167.76	28.22	1.75	61.84	
05/09/2024 16:10	19.53	4.67	109.41	11.82	17.63	0.75	43.15	11.81	29.89	7.15	167.42	26.96	1.14	66	
05/09/2024 16:15	19.53	4.66	105.47	11.82	18.43	1.02	41.22	11.82	29.89	7.13	161.38	28.2	1.56	63.09	
05/09/2024 16:20	19.23	4.24	110.19	11.8	18.66	1.34	41.53	11.82	29.38	6.48	168.35	28.55	2.06	63.55	
05/09/2024 16:25	19.67	4.7	110.48	11.81	18.41	1.09	44.2	11.81	30.08	7.19	168.95	28.16	1.66	67.62	
05/09/2024 16:30	19.65	4.59	107.86	11.81	18.3	1.03	42.17	11.81	30.04	7.02	164.93	27.99	1.57	64.49	
05/09/2024 16:35	19.28	4.29	110.44	11.8	18.44	1.03	41.84	11.81	29.44	6.56	168.61	28.19	1.58	63.97	
05/09/2024 16:40	19.68	4.68	111.11	11.8	18.07	0.91	44.78	11.8	30.05	7.14	169.72	27.61	1.39	68.43	
05/09/2024 16:45	19.68	4.53	107.63	11.8	18.62	1.29	42.34	11.8	30.05	6.92	164.35	28.45	1.98	64.69	
05/09/2024 16:50	19.21	3.55	101.33	11.75	19.28	1.69	42	11.8	29.2	5.4	154.02	29.46	2.58	64.18	
05/09/2024 16:55	19.73	3.94	102.4	11.76	18.7	1.28	44.92	11.8	30.01	5.99	155.74	28.56	1.96	68.58	
05/09/2024 17:00	19.76	3.92	100.2	11.76	18.41	1.23	43.5	11.8	30.06	5.96	152.42	28.11	1.88	66.42	
05/09/2024 17:05	19.21	3.51	102.02	11.75	19.11	1.77	42.92	11.8	29.18	5.34	155	29.18	2.7	65.55	
05/09/2024 17:10	19.81	3.98	102.91	11.76	18.48	1.16	45.4	11.79	30.13	6.06	156.47	28.2	1.77	69.26	
05/09/2024 17:15	19.92	3.94	99.8	11.76	18.5	0.81	40.46	11.77	30.29	5.99	151.78	28.17	1.23	61.64	
05/09/2024 17:20	19.26	4.21	111.12	11.77	19.19	0.97	38.67	11.76	29.33	6.41	169.26	29.17	1.47	58.79	
05/09/2024 17:25	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
05/09/2024 17:30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
05/09/2024 17:35	19.43	4.58	111.39	11.78	18.69	1.11	40.05	11.75	29.61	6.98	169.7	28.4	1.69	60.87	
05/09/2024 17:40	19.84	4.75	111.95	11.78	17.95	0.73	41.93	11.75	30.23	7.23	170.6	27.28	1.11	63.72	
05/09/2024 17:45	19.83	4.64	109.42	11.78	18.99	0.97	40.63	11.77	30.22	7.07	166.72	28.91	1.48	61.85	
05/09/2024 17:50	19.34	4.2	110.31	11.77	18.39	0.73	42.02	11.77	29.43	6.4	167.86	28.01	1.12	63.99	
05/09/2024 17:55	19.74	4.58	110.36	11.77	17.78	0.6	44.37	11.77	30.05	6.97	168	27.06	0.92	67.54	
05/09/2024 18:00	19.75	4.54	107.91	11.77	18.59	1.2	41.98	11.77	30.06	6.91	164.26	28.32	1.82	63.94	
05/09/2024 18:05	19.3	4.24	110.53	11.76	18.94	1.64	42.38	11.78	29.35	6.45	168.07	28.85	2.5	64.55	
05/09/2024 18:10	19.49	4.61	110.27	11.76	18.22	1.12	45.2	11.77	29.64	7.02	167.76	27.73	1.71	68.8	
05/09/2024 18:15	19.4	4.44	107.25	11.76	18.42	1.09	42.8	11.77	29.51	6.75	163.14	28.03	1.66	65.13	
05/09/2024 18:20	19.44	4.3	110.91	11.75	18.36	1.08	43.3	11.77	29.52	6.53	168.44	27.94	1.64	65.89	
05/09/2024 18:25	19.6	4.55	109.88	11.76	18.48	1.2	46.84	11.76	29.8	6.92	167.07	28.11	1.82	71.24	
05/09/2024 18:30	19.62	4.53	107.37	11.76	18.61	1.18	42.25	11.76	29.82	6.88	163.24	28.29	1.8	64.22	
05/09/2024 18:35	19.42	4.24	110.11	11.74	19.22	1.89	42.81	11.76							



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
05/09/2024 20:15	19.92	4.39	105.96	11.7	18.71	1	40.93	11.7	30.08	6.62	160.01	28.25	1.51	61.81	
05/09/2024 20:20	19.48	4.08	108.56	11.68	18.53	0.91	41.03	11.69	29.38	6.15	163.69	27.98	1.37	61.95	
05/09/2024 20:25	19.64	4.35	108.25	11.69	18.77	0.91	42.53	11.69	29.63	6.57	163.31	28.33	1.38	64.19	
05/09/2024 20:30	19.99	4.59	105.92	11.69	19.1	0.96	39.98	11.69	30.17	6.92	159.82	28.82	1.45	60.33	
05/09/2024 20:35	19.6	4.03	108.32	11.68	19.39	1.09	40.05	11.69	29.54	6.08	163.24	29.26	1.65	60.42	
05/09/2024 20:40	20.3	4.71	106.47	11.69	18.92	0.81	41.83	11.69	30.64	7.11	160.71	28.55	1.22	63.1	
05/09/2024 20:45	20.64	4.91	104.2	11.69	19.57	0.92	38.44	11.69	31.16	7.42	157.31	29.53	1.39	58	
05/09/2024 20:50	20.28	4.37	106.04	11.68	19.56	0.64	38.55	11.69	30.58	6.59	159.93	29.51	0.97	58.15	
05/09/2024 20:55	20.08	4.3	106.48	11.69	19.2	0.62	40.86	11.68	30.3	6.48	160.67	28.96	0.93	61.64	
05/09/2024 21:00	20.3	4.47	103.94	11.69	19.48	0.83	37.9	11.68	30.63	6.75	156.82	29.38	1.25	57.15	
05/09/2024 21:05	20.04	4.28	106.48	11.68	19.61	1	38.09	11.68	30.21	6.45	160.5	29.57	1.51	57.45	
05/09/2024 21:10	20.31	4.54	107.04	11.68	19.31	0.79	40.65	11.68	30.62	6.85	161.4	29.12	1.2	61.31	
05/09/2024 21:15	20.38	4.58	106.23	11.68	19.74	0.86	38.01	11.68	30.74	6.9	160.18	29.77	1.3	57.34	
05/09/2024 21:20	20.33	4.45	106.77	11.67	19.84	0.86	38.08	11.68	30.61	6.7	160.79	29.93	1.3	57.42	
05/09/2024 21:25	20.04	4.35	108.53	11.67	19.41	0.81	41.4	11.68	30.19	6.55	163.49	29.27	1.23	62.41	
05/09/2024 21:30	19.83	4.07	105.73	11.67	19.57	0.79	38.7	11.68	29.86	6.14	159.25	29.51	1.2	58.36	
05/09/2024 21:35	20.37	4.36	105.65	11.67	19.97	1.03	39.19	11.68	30.66	6.56	159.03	30.11	1.56	59.09	
05/09/2024 21:40	20.52	4.8	105.48	11.67	19.88	1.1	41.37	11.68	30.91	7.23	158.88	29.97	1.66	62.36	
05/09/2024 21:45	20.71	4.97	103.53	11.67	19.75	0.84	37.33	11.68	31.2	7.49	155.94	29.77	1.27	56.27	
05/09/2024 21:50	20.22	4.34	106.85	11.66	20.19	1.14	37.03	11.68	30.42	6.53	160.76	30.43	1.72	55.82	
05/09/2024 21:55	20.49	4.69	108.84	11.67	19.66	0.99	41.24	11.68	30.85	7.06	163.91	29.63	1.49	62.14	
05/09/2024 22:00	20.44	4.48	106.23	11.67	19.82	1.21	39.72	11.68	30.77	6.75	159.94	29.87	1.83	59.88	
05/09/2024 22:05	20.03	4.43	109.19	11.65	20.48	1.58	39.38	11.68	30.11	6.66	164.12	30.87	2.38	59.34	
05/09/2024 22:10	20.52	4.99	109.27	11.66	19.72	1.01	40.96	11.67	30.88	7.51	164.45	29.69	1.52	61.68	
05/09/2024 22:15	20.68	4.94	105.37	11.67	19.78	0.99	38.18	11.67	31.12	7.43	158.6	29.8	1.5	57.53	
05/09/2024 22:20	19.94	3.98	105.14	11.66	20	0.92	37.19	11.67	29.98	5.98	158.08	30.13	1.39	56.02	
05/09/2024 22:25	20.22	4.28	106.99	11.66	19.55	0.78	40.54	11.67	30.42	6.44	160.98	29.45	1.18	61.05	
05/09/2024 22:30	20.05	3.99	104.4	11.66	19.74	1.01	38.61	11.68	30.17	6	157.07	29.76	1.52	58.19	
05/09/2024 22:35	19.77	3.98	106.12	11.65	19.84	1.11	37.97	11.68	29.72	5.98	159.53	29.91	1.67	57.22	
05/09/2024 22:40	19.8	4.46	107.46	11.66	19.46	0.85	40.41	11.67	29.79	6.71	161.68	29.3	1.28	60.84	
05/09/2024 22:45	19.86	4.55	104.78	11.66	19.78	1.01	38.63	11.67	29.89	6.84	157.66	29.79	1.53	58.2	
05/09/2024 22:50	20.13	4.37	106.37	11.65	19.78	1.14	39.13	11.67	30.26	6.57	159.92	29.8	1.72	58.94	
05/09/2024 22:55	20.18	4.47	106.81	11.66	19.52	0.95	41.16	11.67	30.36	6.72	160.68	29.4	1.43	61.97	
05/09/2024 23:00	20.09	4.37	103.51	11.66	19.66	0.91	38.28	11.67	30.21	6.58	155.7	29.61	1.37	57.65	
05/09/2024 23:05	20.03	4.29	106.94	11.65	20.02	1.22	38.23	11.67	30.1	6.46	160.75	30.15	1.84	57.6	
05/09/2024 23:10	19.93	4.36	107.44	11.66	19.37	0.89	41.04	11.67	29.98	6.57	161.66	29.16	1.35	61.77	
05/09/2024 23:15	19.89	4.28	105.32	11.66	19.6	0.97	38.79	11.67	29.93	6.44	158.47	29.52	1.46	58.43	
05/09/2024 23:20	20.21	4.44	106.35	11.65	19.81	1.09	38.73	11.67	30.37	6.67	159.87	29.84	1.65	58.33	
05/09/2024 23:25	20.77	4.92	106.14	11.67	19.54	0.96	40.96	11.67	31.27	7.41	159.77	29.42	1.45	61.68	
05/09/2024 23:30	20.75	4.74	103.68	11.67	19.65	0.86	37.96	11.67	31.23	7.14	156.07	29.59	1.3	57.16	
05/09/2024 23:35	20.4	4.58	106.4	11.65	19.72	0.81	37.67	11.67	30.67	6.88	159.97	29.69	1.22	56.72	
05/09/2024 23:40	20.27	4.77	106.28	11.66	19.67	1	41.68	11.66	30.48	7.17	159.83	29.61	1.5	62.73	
05/09/2024 23:45	20.48	4.98	102.72	11.66	19.49	0.81	38.38	11.67	30.8	7.48	154.5	29.35	1.22	57.79	
05/09/2024 23:50	19.68	4.05	106.31	11.65	19.08	0.47	38.64	11.67	29.57	6.08	159.72	28.73	0.71	58.18	
05/09/2024 23:55	20.58	4.82	106.94	11.66	19.32	0.75	40.99	11.67	30.96	7.25	160.88	29.08	1.13	61.7	
06/09/2024 00:00	20.58	4.8	104.81	11.66	19.66	0.96	38.98	11.67	30.96	7.22	157.68	29.61	1.44	58.7	
06/09/2024 00:05	19.6	4.02	107.52	11.65	19.89	1	38.78	11.67	29.45	6.04	161.52	29.94	1.51	58.38	
06/09/2024 00:10	20.17	4.69	108.17	11.66	19.47	0.93	42.21	11.66	30.32	7.05	162.64	29.29	1.41	63.51	
06/09/2024 00:15	20.16	4.56	105.63	11.65	19.68	1.14	39.94	11.67	30.31	6.86	158.81	29.63	1.72	60.15	
06/09/2024 00:20	20.02	4.45	108.01	11.65	19.59	1.2	40.38	11.67	30.08	6.68	162.24	29.49	1.81	60.77	
06/09/2024 00:25	20.6	5.1	107.88	11.66	19.52	1.18	43.5	11.67	30.98	7.67	162.28	29.38	1.78	65.48	
06/09/2024 00:30	20.7	5.04	104.47	11.66	19.56	1.03	39.69	11.67	31.15	7.59	157.16	29.43	1.54	59.74	
06/09/2024 00:35	19.86	4.43	109.63	11.64	19.89	1.33	39.33	11.67	29.83	6.65	164.62	29.94	2	59.2	
06/09/2024 00:40	20.18	5.1	109.62	11.66	19.4	1.08	41.96	11.66	30.35	7.67	164.82	29.19	1.62	63.13	
06/09/2024 00:45	20.27	5.18	105.77	11.66	19.43	1.03	39.44	11.67	30.48	7.78	159.06	29.25	1.55	59.37	
06/09/2024 00:50	20.11	4.38	106.83	11.64	19.64	1.05	38.69	11.66	30.2	6.58	160.42	29.56	1.58	58.22	
06/09/2024 00:55	20.15	4.68	108.34	11.65	19.47	1.14	44.1	11.66	30.28	7.03	162.82	29.3	1.72	66.36	
06/09/2024 01:00	20.08	4.61	106.77	11.65	19.37	0.92	39.96	11.67	30.18	6.93	160.46	29.16	1.39	60.16	
06/09/2024 01:05	19.6	4.24	108.17	11.64	19.81	1.06	39.64	11.66	29.42	6.36	162.38	29.82	1.6	59.66	
06/09/2024 01:10	20.19	4.64	108.41	11.65	19.39	0.92	42.11	11.66	30.33	6.98	162.84	29.16	1.38	63.33	
06/09/2024 01:15	20	4.32	104.63	11.64	19.68	1.11	39.75	11.66	30.03	6.49	157.13	29.62	1.67	59.82	
06/09/2024 01:20	19.66	4.29	107.89	11.64	19.69	1.23	39.69	11.66	29.5	6.44	161.92	29.61	1.86	59.7	
06/09/2024 01:25	20.52	4.95	108.14	11.65	19.44	1.06	41.8	11.66	30.84	7.44	162.48	29.23	1.59	62.86	
06/09/2024 01:30	20.6	4.83	105.46	11.65	19.46	1.02	39.35	11.66	30.94	7.25	158.46	29.28	1.54	59.23	
06/09/2024 01:35	20.14	4.51	107.12	11.64	19.88	1.16	38.64	11.66	30.25	6.77	160.85	29.91	1.74	58.15	
06/09/2024 01:40	19.99	4.72	107.58	11.65	19.61	1.2	41.78	11.66	30.04	7.1	161.65	29.51	1.81	62.87	
06/09/2024 01:45	20.12	4.78	104.97	11.65	19.62	1.01	38.44	11.66	30.24	7.19	157.74	29.53	1.52	57.86	
06/09/2024 01:50	20.23	4.39	105.01	11.64	19.77	1.08	37.42	11.66	30.36	6.58	157.63	29.74	1.62	56.31	
06/09/2024 01:55	20.35	4.49	104.45	11.65	19.33	0.82	40.02	11.66	30.57	6.74	156.88	29.07	1.23	60.19	
06/09/2024 02:00	20.37	4.41	101.92	11.65	19.73	1.18	38.92	11.67	30.6	6.62	153.09	29.7	1.78	58.58	
06/09/2024 02:05	20.06	4.69	109.55	11.64	20.05	1.34	39.13	11.66	30.12	7.04	164.51	30.17	2.02	58.88	
06/09/2024 02:10	20.31	5.08	109.34	11.65	19.76	1.23	43	11.66	30.53	7.64	164.35	29.74	1.84	64.71	
06/09/2024 02:15	20.4	5.13	106.04	11.65	19.26	1.01	40.72	11.67	30.66						



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/09/2024 04:00	20.71	4.91	101.08	11.64	19.66	1.17	37.61	11.66	31.11	7.37	151.78	29.57	1.75	56.57	
06/09/2024 04:05	20.34	4.61	105.62	11.64	19.84	1.3	37.94	11.66	30.53	6.91	158.47	29.84	1.95	57.06	
06/09/2024 04:10	20.86	5.14	105.67	11.64	19.39	1.05	40.29	11.65	31.32	7.72	158.67	29.15	1.58	60.57	
06/09/2024 04:15	20.83	5.03	102.86	11.64	19.55	1.15	38.76	11.66	31.28	7.55	154.44	29.41	1.74	58.3	
06/09/2024 04:20	20.34	4.68	106.2	11.64	19.61	1.23	39.63	11.66	30.52	7.03	159.38	29.49	1.86	59.59	
06/09/2024 04:25	20.77	5.21	107.35	11.64	19.34	1.05	41.01	11.65	31.19	7.82	161.21	29.08	1.58	61.65	
06/09/2024 04:30	20.67	5.13	105.65	11.64	19.41	1.09	39.03	11.66	31.04	7.71	158.66	29.18	1.64	58.69	
06/09/2024 04:35	20.18	4.8	108.85	11.64	19.36	1.14	40.67	11.65	30.29	7.2	163.37	29.11	1.72	61.15	
06/09/2024 04:40	20.71	5.31	109.22	11.65	19.02	0.88	42.83	11.65	31.1	7.97	164.05	28.59	1.33	64.38	
06/09/2024 04:45	20.68	5.19	106.67	11.65	19.47	1.26	40.55	11.66	31.06	7.8	160.22	29.29	1.89	60.99	
06/09/2024 04:50	20.09	5.12	112.39	11.64	19.56	1.28	41.39	11.66	30.16	7.68	168.72	29.42	1.93	62.25	
06/09/2024 04:55	20.4	5.64	112.4	11.65	19.2	1.15	44.28	11.65	30.64	8.47	168.84	28.85	1.73	66.54	
06/09/2024 05:00	20.39	5.54	109.86	11.65	19.42	1.25	43.06	11.65	30.63	8.32	165.02	29.2	1.87	64.73	
06/09/2024 05:05	20.12	5.08	112.25	11.64	19.73	1.36	42.38	11.65	30.19	7.62	168.42	29.66	2.04	63.69	
06/09/2024 05:10	20.35	5.44	112.39	11.64	19.28	1.1	46.45	11.65	30.56	8.16	168.75	28.97	1.65	69.8	
06/09/2024 05:15	20.31	5.32	109.84	11.64	19.47	1.32	42.5	11.65	30.49	7.98	164.94	29.27	1.99	63.9	
06/09/2024 05:20	19.85	4.84	111.37	11.63	19.42	1.28	43.19	11.65	29.77	7.27	167.04	29.19	1.93	64.91	
06/09/2024 05:25	20.53	5.44	111.73	11.64	19.27	1.17	45.31	11.65	30.81	8.16	167.69	28.95	1.76	68.06	
06/09/2024 05:30	20.53	5.35	108.91	11.64	19.4	1.28	42.52	11.66	30.82	8.02	163.48	29.17	1.92	63.94	
06/09/2024 05:35	20.08	5.04	111.53	11.64	19.38	1.41	43.3	11.66	30.13	7.56	167.33	29.14	2.12	65.12	
06/09/2024 05:40	20.45	5.34	109.33	11.65	19.17	1.21	43.53	11.66	30.72	8.02	164.24	28.83	1.81	65.45	
06/09/2024 05:45	20.49	5.25	106.58	11.65	19.48	1.34	41.2	11.66	30.77	7.88	160.09	29.3	2.02	61.97	
06/09/2024 05:50	20.16	4.81	109.12	11.63	19.56	1.33	40.47	11.65	30.24	7.22	163.68	29.41	2	60.84	
06/09/2024 05:55	20.7	5.28	108.4	11.65	19.31	1.15	42.57	11.65	31.09	7.94	162.82	29.02	1.72	63.98	
06/09/2024 06:00	20.65	5.21	105.62	11.65	19.46	1.24	40.02	11.66	31.02	7.83	158.64	29.26	1.86	60.17	
06/09/2024 06:05	20.08	4.85	109.59	11.63	19.64	1.33	40.69	11.65	30.13	7.27	164.41	29.53	2	61.17	
06/09/2024 06:10	20.58	5.22	108.36	11.64	19.23	1.16	42.99	11.65	30.9	7.84	162.69	28.9	1.74	64.6	
06/09/2024 06:15	20.63	5.25	105.14	11.64	19.35	1.36	40.55	11.66	30.98	7.88	157.86	29.1	2.04	60.97	
06/09/2024 06:20	19.84	4.71	109.96	11.63	19.45	1.53	40.44	11.65	29.76	7.07	164.92	29.25	2.3	60.8	
06/09/2024 06:25	20.18	5.21	110	11.64	19.22	1.26	42.68	11.65	30.29	7.83	165.16	28.88	1.89	64.12	
06/09/2024 06:30	20.16	5.17	107.63	11.64	19.48	1.25	39.17	11.65	30.27	7.76	161.6	29.29	1.87	58.89	
06/09/2024 06:35	20.16	4.71	108.19	11.64	19.55	1.28	39.73	11.65	30.25	7.06	162.33	29.39	1.93	59.74	
06/09/2024 06:40	20.45	5.09	107.69	11.64	19.25	1.07	41.46	11.65	30.7	7.64	161.67	28.93	1.61	62.3	
06/09/2024 06:45	20.45	4.94	104.81	11.64	19.52	1.22	38.66	11.65	30.7	7.42	157.33	29.35	1.84	58.1	
06/09/2024 06:50	20.03	4.61	107.71	11.63	19.59	1.27	39.23	11.65	30.04	6.91	161.53	29.45	1.9	58.97	
06/09/2024 06:55	20.59	5.11	107.93	11.64	19.23	1.1	41.66	11.65	30.91	7.67	162.02	28.89	1.66	62.59	
06/09/2024 07:00	20.64	5.05	105.61	11.64	19.47	1.15	38.37	11.65	30.98	7.58	158.54	29.26	1.72	57.67	
06/09/2024 07:05	20.15	4.66	107.95	11.63	19.81	1.17	38.13	11.65	30.22	6.99	161.9	29.77	1.76	57.29	
06/09/2024 07:10	20.45	5.03	107.87	11.64	19.2	0.91	41.08	11.64	30.71	7.54	161.93	28.83	1.37	61.69	
06/09/2024 07:15	20.53	4.95	105.83	11.64	19.39	1.1	39.63	11.65	30.81	7.44	158.85	29.13	1.65	59.54	
06/09/2024 07:20	20.01	4.69	109.72	11.63	19.5	1.13	39.53	11.65	30.01	7.04	164.57	29.3	1.69	59.39	
06/09/2024 07:25	20.35	5.15	109.96	11.64	19.18	0.97	42.1	11.64	30.54	7.73	165.07	28.8	1.46	63.21	
06/09/2024 07:30	20.35	5.09	106.55	11.64	19.41	1.09	39.84	11.64	30.54	7.65	159.92	29.15	1.63	59.84	
06/09/2024 07:35	19.98	4.67	110.26	11.62	19.44	1.25	40.97	11.65	29.94	7	165.23	29.19	1.88	61.53	
06/09/2024 07:40	20.45	5.18	110.9	11.63	19.02	0.89	42.12	11.64	30.66	7.77	166.27	28.54	1.33	63.21	
06/09/2024 07:45	20.48	5.06	108.05	11.63	19.59	1.07	39.89	11.64	30.7	7.59	161.98	29.41	1.61	59.88	
06/09/2024 07:50	20.02	4.64	110	11.62	19.95	1.14	39.36	11.64	29.99	6.94	164.79	29.94	1.71	59.06	
06/09/2024 07:55	20.25	5.05	110.27	11.63	19.62	1.09	42.22	11.63	30.36	7.58	165.34	29.43	1.64	63.34	
06/09/2024 08:00	20.28	4.98	108.02	11.63	19.44	0.99	40.14	11.64	30.41	7.46	161.96	29.18	1.49	60.24	
06/09/2024 08:05	20.02	4.61	110.24	11.62	19.75	0.98	39.64	11.63	29.99	6.91	165.13	29.63	1.48	59.47	
06/09/2024 08:10	20.32	4.94	109.25	11.63	19.54	1	42.52	11.64	30.46	7.41	163.81	29.31	1.5	63.79	
06/09/2024 08:15	20.29	4.85	106.72	11.63	19.39	1.02	40.67	11.64	30.42	7.27	160.01	29.1	1.53	61.04	
06/09/2024 08:20	20.1	4.63	109.98	11.62	19.27	1.13	41.13	11.64	30.11	6.94	164.75	28.92	1.69	61.73	
06/09/2024 08:25	20.32	4.81	109.58	11.63	19.17	0.89	42.43	11.63	30.46	7.22	164.3	28.76	1.33	63.66	
06/09/2024 08:30	20.3	4.63	107.09	11.63	19.42	0.9	39.92	11.64	30.44	6.95	160.56	29.14	1.35	59.92	
06/09/2024 08:35	19.93	4.46	108.64	11.62	19.22	0.8	39.58	11.64	29.86	6.69	162.75	28.84	1.2	59.38	
06/09/2024 08:40	20.25	4.82	109.3	11.63	19.16	0.79	43.08	11.64	30.36	7.22	163.88	28.74	1.19	64.63	
06/09/2024 08:45	20.22	4.69	106.05	11.63	19.55	1.03	41.09	11.64	30.32	7.04	159.01	29.35	1.54	61.69	
06/09/2024 08:50	19.75	4.32	108.43	11.62	19.61	1.03	40.17	11.64	29.57	6.47	162.4	29.43	1.55	60.3	
06/09/2024 08:55	20.32	4.69	108.78	11.63	18.78	0.66	42.4	11.63	30.48	7.04	163.13	28.16	0.99	63.58	
06/09/2024 09:00	20.1	4.26	105.47	11.63	19.51	0.92	40.56	11.64	30.14	6.39	158.15	29.28	1.39	60.87	
06/09/2024 09:05	19.79	4.22	108.51	11.62	19.47	1.08	42.14	11.64	29.64	6.32	162.48	29.22	1.62	63.24	
06/09/2024 09:10	20.42	5.14	109.22	11.63	18.95	0.82	43.91	11.63	30.61	7.71	163.73	28.42	1.23	65.87	
06/09/2024 09:15	20.57	5.13	106.08	11.63	19.51	0.97	41.02	11.64	30.85	7.69	159.04	29.29	1.45	61.58	
06/09/2024 09:20	19.6	4.01	107.76	11.62	19.77	1.28	40.69	11.64	29.34	6.01	161.35	29.67	1.92	61.08	
06/09/2024 09:25	20.09	4.52	106.86	11.62	18.95	0.82	42.81	11.63	30.1	6.78	160.13	28.43	1.23	64.21	
06/09/2024 09:30	20.18	4.56	104.22	11.63	19.4	0.92	40.27	11.64	30.25	6.84	156.2	29.12	1.38	60.47	
06/09/2024 09:35	19.85	4.15	107.28	11.62	19.78	1.38	40.91	11.65	29.75	6.22	160.74	29.71	2.07	61.44	
06/09/2024 09:40	20.11	4.45	107.82	11.63	19.02	0.96	43.8	11.64	30.18	6.67	161.76	28.54	1.44	65.74	
06/09/2024 09:45	20.18	4.33	104.94	11.64	19.29	0.82	40.17	11.65	30.28	6.5	157.46	28.98	1.23	60.35	
06/09/2024 09:50	19.52	3.93	107.58	11.63	19.45	0.95	39.92	11.65	29.26	5.89	161.26	29.23	1.43	59.98	
06/09/2024 09:55	19.94	4.57	108.96	11.64	19.34	0.83	43.19	11.65	29.93	6.86	163.53	29.05	1.25	64.87	
06/09/2024 10:00	19.86	4.52	107.52	11.64	19.38	0.78	40.96	11							



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/09/2024 11:45	19.99	4.27	103.94	11.69	19.1	0.49	39.29	11.7	30.16	6.45	156.8	28.87	0.74	59.38	
06/09/2024 11:50	19.7	3.84	105.13	11.68	19.02	0.58	39	11.7	29.72	5.79	158.57	28.74	0.87	58.94	
06/09/2024 11:55	20.29	4.18	104.62	11.69	18.61	0.51	40.79	11.7	30.63	6.32	157.96	28.11	0.76	61.61	
06/09/2024 12:00	20.3	4.05	102.15	11.69	19.17	0.71	38.43	11.71	30.64	6.12	154.23	28.99	1.07	58.11	
06/09/2024 12:05	19.73	3.75	104.88	11.69	18.89	0.42	38.41	11.71	29.77	5.66	158.31	28.57	0.64	58.08	
06/09/2024 12:10	20.06	4.16	104.14	11.7	18.68	0.45	39.91	11.71	30.31	6.28	157.39	28.24	0.67	60.34	
06/09/2024 12:15	20.01	4.02	101.49	11.7	19.15	0.67	38.03	11.72	30.25	6.08	153.39	28.99	1.01	57.58	
06/09/2024 12:20	19.7	3.77	104.48	11.7	19.2	0.59	37.84	11.72	29.77	5.7	157.9	29.06	0.9	57.27	
06/09/2024 12:25	20.09	4.24	104.43	11.72	18.58	0.51	40.48	11.72	30.41	6.41	158.09	28.12	0.78	61.29	
06/09/2024 12:30	20.06	4.12	101.66	11.72	19.1	0.62	38.77	11.73	30.38	6.24	153.91	28.95	0.94	58.78	
06/09/2024 12:35	19.67	3.76	103.66	11.71	19.2	0.56	38.44	11.73	29.76	5.69	156.82	29.1	0.85	58.24	
06/09/2024 12:40	19.96	4.28	106.2	11.72	18.8	0.49	40.74	11.73	30.23	6.49	160.88	28.48	0.75	61.73	
06/09/2024 12:45	19.93	4.24	104.76	11.73	19.13	0.63	38.49	11.74	30.19	6.42	158.71	29.02	0.95	58.4	
06/09/2024 12:50	19.79	3.8	104.76	11.72	19	0.63	38.66	11.74	29.96	5.75	158.61	28.82	0.95	58.64	
06/09/2024 12:55	20.1	4.17	104.08	11.73	18.65	0.53	40.58	11.74	30.47	6.33	157.81	28.29	0.8	61.55	
06/09/2024 13:00	19.99	4.04	101.19	11.73	19.11	0.61	37.98	11.75	30.31	6.13	153.44	29.02	0.93	57.68	
06/09/2024 13:05	19.71	3.72	103.91	11.73	19.05	0.64	38.3	11.75	29.89	5.64	157.51	28.93	0.97	58.17	
06/09/2024 13:10	20.05	4.23	105.48	11.74	18.6	0.49	42.21	11.74	30.42	6.42	160.03	28.24	0.74	64.08	
06/09/2024 13:15	20.05	4.14	103.7	11.74	19.11	0.59	38.54	11.75	30.42	6.28	157.32	29.05	0.89	58.56	
06/09/2024 13:20	19.65	3.74	104.11	11.74	19.25	0.56	38.5	11.75	29.82	5.68	157.96	29.24	0.85	58.49	
06/09/2024 13:25	19.92	4.19	105.11	11.75	18.77	0.48	40.11	11.75	30.27	6.37	159.69	28.52	0.74	60.94	
06/09/2024 13:30	19.85	4.05	101.89	11.75	19.14	0.66	38.3	11.77	30.17	6.15	154.82	29.13	1	58.28	
06/09/2024 13:35	19.68	3.85	106.65	11.75	19.19	0.66	38.52	11.76	29.89	5.84	161.97	29.19	1	58.6	
06/09/2024 13:40	20.01	4.34	106.54	11.76	18.7	0.54	41.16	11.76	30.44	6.6	162.02	28.46	0.82	62.62	
06/09/2024 13:45	19.98	4.34	103.86	11.76	19.04	0.71	38.83	11.77	30.38	6.59	157.96	29	1.08	59.13	
06/09/2024 13:50	19.58	3.93	107.89	11.76	19	0.69	38.61	11.77	29.77	5.98	164	28.93	1.05	58.79	
06/09/2024 13:55	19.95	4.4	107.32	11.77	18.54	0.59	42.73	11.77	30.36	6.7	163.35	28.23	0.9	65.05	
06/09/2024 14:00	19.97	4.36	105.16	11.77	19.01	0.8	40.08	11.78	30.39	6.64	160.07	28.98	1.22	61.1	
06/09/2024 14:05	19.64	4.04	108.21	11.76	19.03	0.84	40.33	11.78	29.87	6.14	164.57	29	1.29	61.46	
06/09/2024 14:10	20.21	4.47	108.94	11.77	18.45	0.63	42.25	11.77	30.75	6.8	165.8	28.11	0.95	64.34	
06/09/2024 14:15	20.25	4.42	105.56	11.77	18.95	0.81	40.14	11.78	30.82	6.73	160.66	28.9	1.23	61.22	
06/09/2024 14:20	19.51	4.08	109.61	11.76	19.3	0.81	40.78	11.79	29.69	6.21	166.78	29.43	1.24	62.2	
06/09/2024 14:25	20.04	4.56	109.19	11.78	18.64	0.62	42.99	11.78	30.53	6.94	166.33	28.42	0.95	65.53	
06/09/2024 14:30	20.01	4.39	106.21	11.78	18.88	0.78	40.64	11.79	30.49	6.7	161.81	28.8	1.19	61.97	
06/09/2024 14:35	19.48	4.15	109.21	11.76	18.98	0.81	40.53	11.78	29.64	6.32	166.17	28.94	1.24	61.78	
06/09/2024 14:40	19.8	4.59	109.45	11.78	18.52	0.58	44.03	11.78	30.16	6.99	166.73	28.23	0.89	67.1	
06/09/2024 14:45	19.75	4.47	106.99	11.78	18.9	0.74	40.94	11.79	30.1	6.8	162.99	28.83	1.13	62.44	
06/09/2024 14:50	19.38	4.15	109.84	11.77	19.03	1.03	40.78	11.79	29.49	6.31	167.16	29.02	1.57	62.2	
06/09/2024 14:55	19.96	4.67	110.08	11.77	18.74	0.79	43.83	11.78	30.4	7.11	167.68	28.57	1.21	66.81	
06/09/2024 15:00	19.92	4.53	106.79	11.78	18.95	0.85	41.49	11.79	30.35	6.9	162.67	28.9	1.29	63.29	
06/09/2024 15:05	19.46	4.28	111.05	11.77	18.75	0.81	41.86	11.79	29.61	6.51	168.99	28.6	1.24	63.84	
06/09/2024 15:10	20.13	4.78	112.16	11.77	18.46	0.64	43.79	11.78	30.64	7.28	170.74	28.13	0.97	66.71	
06/09/2024 15:15	19.98	4.62	109.66	11.77	18.73	0.65	41.7	11.78	30.42	7.03	166.91	28.55	0.99	63.55	
06/09/2024 15:20	19.47	4.38	112.99	11.76	17.84	0.03	42.13	11.77	29.6	6.66	171.78	27.18	0.05	64.16	
06/09/2024 15:25	20.11	4.82	112.39	11.77	18.07	0.4	44.85	11.77	30.61	7.33	171.04	27.51	0.62	68.28	
06/09/2024 15:30	20.13	4.74	110.63	11.77	18.94	0.86	42.29	11.77	30.64	7.21	168.34	28.86	1.31	64.42	
06/09/2024 15:35	19.48	4.45	113.08	11.75	18.81	0.78	42.2	11.77	29.6	6.76	171.81	28.65	1.19	64.28	
06/09/2024 15:40	20.01	4.94	114.14	11.76	18.41	0.58	46.28	11.77	30.43	7.51	173.57	28.01	0.88	70.43	
06/09/2024 15:45	20.03	4.85	111.22	11.76	18.73	0.94	43.07	11.77	30.45	7.37	169.13	28.51	1.43	65.58	
06/09/2024 15:50	19.43	4.21	112.01	11.75	18.67	1.06	44.2	11.77	29.52	6.39	170.14	28.43	1.62	67.31	
06/09/2024 15:55	20.02	4.67	111.7	11.75	18.17	0.76	45.87	11.76	30.43	7.1	169.76	27.64	1.15	69.78	
06/09/2024 16:00	19.99	4.56	108.79	11.75	18.47	0.69	43.21	11.77	30.39	6.93	165.35	28.11	1.05	65.76	
06/09/2024 16:05	19.4	4.45	113.54	11.75	18.69	0.98	43.64	11.77	29.46	6.75	172.41	28.44	1.5	66.42	
06/09/2024 16:10	20.1	4.82	113.44	11.75	18.45	0.87	46.71	11.76	30.54	7.33	172.36	28.06	1.32	71.03	
06/09/2024 16:15	20.12	4.63	108.91	11.75	18.35	0.76	42.69	11.76	30.57	7.04	165.46	27.9	1.16	64.92	
06/09/2024 16:20	19.46	4.29	112.07	11.74	18.98	1.33	42.64	11.76	29.53	6.52	170.11	28.88	2.02	64.87	
06/09/2024 16:25	19.86	4.77	112.82	11.75	18.73	1.11	45.95	11.76	30.15	7.24	171.32	28.47	1.68	69.84	
06/09/2024 16:30	19.74	4.66	110.44	11.75	19.05	1.01	43.07	11.76	29.97	7.07	167.7	28.96	1.53	65.47	
06/09/2024 16:35	19.23	4.61	115.33	11.73	18.61	0.56	43.88	11.75	29.15	6.99	174.85	28.27	0.86	66.66	
06/09/2024 16:40	19.97	5.05	115.82	11.74	18.49	0.66	46.63	11.74	30.29	7.66	175.69	28.07	1	70.77	
06/09/2024 16:45	19.95	4.83	113.01	11.73	18.94	0.89	43.6	11.75	30.26	7.32	171.39	28.77	1.35	66.23	
06/09/2024 16:50	19.46	3.68	106.06	11.7	18.28	0.08	43.52	11.74	29.39	5.55	160.2	27.75	0.12	66.06	
06/09/2024 16:55	19.85	3.91	102.43	11.7	18.12	0.45	45.36	11.74	29.99	5.91	154.79	27.49	0.68	68.81	
06/09/2024 17:00	19.82	3.91	100.78	11.7	18.66	0.92	43.21	11.74	29.95	5.91	152.29	28.31	1.39	65.58	
06/09/2024 17:05	19.39	3.5	102.21	11.68	19.47	1.36	42.08	11.74	29.25	5.28	154.16	29.55	2.06	63.86	
06/09/2024 17:10	19.94	4.02	103.76	11.69	18.28	0.78	44.75	11.73	30.1	6.06	156.59	27.71	1.19	67.83	
06/09/2024 17:15	19.84	3.91	101.58	11.69	18.49	0.78	41.96	11.74	29.95	5.91	153.34	28.04	1.18	63.66	
06/09/2024 17:20	19.58	4.06	108.79	11.71	18.14	0.44	41.83	11.73	29.62	6.14	164.55	27.51	0.66	63.42	
06/09/2024 17:25	19.96	4.7	112.01	11.72	18.17	0.62	43.64	11.71	30.22	7.12	169.6	27.49	0.93	66.03	
06/09/2024 17:30	19.83	4.54	109.67	11.72	18.43	0.46	39.05	11.71	30.02	6.87	166.04	27.87	0.7	59.04	
06/09/2024 17:35	19.5	4.26	111.78	11.71	17.84	0	38.64	11.7	29.5	6.44	169.11	26.97	0	58.4	
06/09/2024 17:40	20.17	4.73	112.85	11.72	17.92	0.3	41.31	11.7	30.54	7.16	170.88	27.07	0.45	62.4	
06/09/2024 17:45	20.23	4.66	110.49	11.72	18.66	0.7	39.15	11.7	3						



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/09/2024 19:30	20.05	4.39	107	11.66	19.36	0.98	41.25	11.67	30.15	6.6	160.92	29.15	1.47	62.12	
06/09/2024 19:35	19.65	4.14	109.98	11.64	19.47	0.64	41.22	11.67	29.5	6.22	165.11	29.31	0.96	62.05	
06/09/2024 19:40	19.92	4.6	110.01	11.65	19.22	0.84	44.48	11.66	29.94	6.91	165.29	28.91	1.26	66.9	
06/09/2024 19:45	19.98	4.49	106.24	11.65	19.17	0.82	41.16	11.66	30.03	6.75	159.61	28.84	1.24	61.9	
06/09/2024 19:50	19.64	4.1	109.6	11.63	19.45	0.95	41.34	11.66	29.46	6.14	164.39	29.25	1.43	62.17	
06/09/2024 19:55	20.22	4.49	109.38	11.64	19.01	0.78	43.32	11.65	30.35	6.73	164.14	28.57	1.18	65.08	
06/09/2024 20:00	20.33	4.41	106.92	11.64	19.18	0.82	40.86	11.65	30.51	6.62	160.44	28.82	1.23	61.41	
06/09/2024 20:05	19.77	4.07	109.85	11.62	19.84	1.08	41.03	11.65	29.63	6.09	164.62	29.82	1.62	61.66	
06/09/2024 20:10	20.14	4.55	110.23	11.63	19.2	0.91	44.59	11.64	30.2	6.83	165.31	28.83	1.37	66.94	
06/09/2024 20:15	20.13	4.46	106.9	11.63	19.25	0.88	41.07	11.64	30.18	6.68	160.31	28.91	1.32	61.68	
06/09/2024 20:20	19.81	4.08	109.42	11.62	19.03	0.95	40.66	11.64	29.66	6.12	163.87	28.58	1.43	61.05	
06/09/2024 20:25	19.91	4.58	110.21	11.63	18.84	0.78	44	11.64	29.85	6.86	165.22	28.27	1.17	66.01	
06/09/2024 20:30	19.86	4.48	106.94	11.63	19.67	1.2	41.37	11.64	29.77	6.72	160.32	29.54	1.8	62.12	
06/09/2024 20:35	19.81	4.07	109.43	11.61	19.89	1.38	41.34	11.64	29.64	6.09	163.79	29.87	2.07	62.09	
06/09/2024 20:40	20.27	4.58	110.32	11.62	19.33	0.89	43.63	11.63	30.36	6.87	165.27	28.99	1.34	65.45	
06/09/2024 20:45	20.32	4.6	108.52	11.62	19.42	0.89	41.21	11.63	30.44	6.89	162.57	29.13	1.33	61.82	
06/09/2024 20:50	19.76	4.1	110.45	11.61	19.83	0.98	40.55	11.63	29.57	6.14	165.25	29.74	1.48	60.82	
06/09/2024 20:55	20.1	4.46	110.26	11.62	19.19	0.81	44.42	11.63	30.1	6.67	165.09	28.76	1.21	66.59	
06/09/2024 21:00	20.16	4.41	107.83	11.62	19.48	0.86	41.11	11.63	30.19	6.61	161.46	29.22	1.29	61.65	
06/09/2024 21:05	19.8	4.05	109.34	11.61	19.75	1.03	41.64	11.63	29.62	6.06	163.56	29.62	1.55	62.45	
06/09/2024 21:10	20.17	4.52	109.52	11.61	19.36	0.83	43.68	11.62	30.18	6.77	163.91	29.01	1.25	65.45	
06/09/2024 21:15	20.16	4.5	107.38	11.61	19.35	0.82	41.35	11.62	30.17	6.73	160.7	29	1.23	61.96	
06/09/2024 21:20	19.84	4.07	109.34	11.6	19.16	0.8	40.84	11.63	29.64	6.09	163.4	28.71	1.19	61.21	
06/09/2024 21:25	20.25	4.44	108.87	11.61	18.91	0.64	42.74	11.62	30.28	6.64	162.83	28.31	0.96	64	
06/09/2024 21:30	20.28	4.41	106.59	11.61	19.41	0.8	41.19	11.62	30.33	6.6	159.42	29.07	1.2	61.69	
06/09/2024 21:35	19.73	4.05	109.98	11.6	19.92	1	41.86	11.62	29.48	6.05	164.29	29.84	1.5	62.7	
06/09/2024 21:40	20.25	4.48	109.8	11.6	19.25	0.76	43.53	11.61	30.27	6.7	164.14	28.81	1.14	65.15	
06/09/2024 21:45	20.23	4.43	105.83	11.6	19.41	0.78	41.38	11.61	30.25	6.62	158.21	29.05	1.17	61.94	
06/09/2024 21:50	19.79	3.99	110.47	11.59	19.22	0.77	41.73	11.61	29.55	5.96	164.97	28.76	1.15	62.46	
06/09/2024 21:55	20.68	5.09	110.2	11.6	19.37	0.91	44.34	11.61	30.92	7.62	164.78	28.98	1.37	66.34	
06/09/2024 22:00	20.98	5.23	107.71	11.6	19.68	1.06	41.4	11.61	31.38	7.81	161.08	29.45	1.59	61.97	
06/09/2024 22:05	20.17	4.29	110.05	11.59	20.45	1.5	40.89	11.61	30.11	6.41	164.26	30.6	2.25	61.18	
06/09/2024 22:10	20.99	5.09	111.14	11.6	19.81	1.09	43.55	11.6	31.37	7.6	166.07	29.63	1.63	65.11	
06/09/2024 22:15	20.93	4.84	108.79	11.6	19.54	0.85	41.41	11.6	31.26	7.22	162.53	29.22	1.28	61.92	
06/09/2024 22:20	20.28	4.44	110.38	11.58	19.52	0.75	41.69	11.6	30.26	6.62	164.67	29.16	1.12	62.3	
06/09/2024 22:25	20.65	5.01	110.81	11.59	19.23	0.71	43.83	11.6	30.84	7.49	165.47	28.73	1.06	65.49	
06/09/2024 22:30	20.5	4.84	108.56	11.59	19.39	0.91	41.84	11.61	30.61	7.22	162.12	29	1.36	62.57	
06/09/2024 22:35	19.86	4.19	110.78	11.58	19.5	1	42.23	11.6	29.62	6.26	165.23	29.16	1.5	63.16	
06/09/2024 22:40	21.14	5.48	110.75	11.59	19.39	0.91	44.52	11.6	31.58	8.18	165.44	28.98	1.37	66.54	
06/09/2024 22:45	21.29	5.47	108.59	11.6	19.61	0.95	41.5	11.6	31.81	8.17	162.22	29.3	1.42	62.02	
06/09/2024 22:50	19.81	4.11	110.75	11.58	19.77	1.05	42.31	11.6	29.54	6.13	165.11	29.54	1.57	63.23	
06/09/2024 22:55	20.91	5.15	110.58	11.58	19.47	0.84	43.75	11.59	31.2	7.68	165	29.09	1.25	65.35	
06/09/2024 23:00	21.09	5.12	107.77	11.58	19.6	0.96	41.47	11.59	31.47	7.64	160.79	29.28	1.43	61.95	
06/09/2024 23:05	20.16	4.41	110.36	11.58	19.78	0.95	40.59	11.59	30.05	6.58	164.54	29.54	1.42	60.61	
06/09/2024 23:10	20.3	4.85	111.37	11.58	19.5	0.9	44.03	11.59	30.29	7.23	166.15	29.12	1.34	65.74	
06/09/2024 23:15	20.09	4.69	109.2	11.58	19.57	0.89	42.11	11.59	29.96	6.99	162.88	29.23	1.33	62.9	
06/09/2024 23:20	20.02	4.42	111.73	11.57	19.31	0.75	41.86	11.59	29.83	6.58	166.5	28.84	1.12	62.5	
06/09/2024 23:25	20.28	4.66	111.62	11.58	19.37	0.81	46.36	11.59	30.24	6.95	166.44	28.92	1.21	69.22	
06/09/2024 23:30	20.47	4.94	108.89	11.58	19.67	0.91	41.51	11.59	30.53	7.37	162.43	29.38	1.36	62	
06/09/2024 23:35	20.07	4.36	111.32	11.57	19.75	1	41.95	11.59	29.9	6.5	165.88	29.5	1.49	62.66	
06/09/2024 23:40	20.72	4.78	112.24	11.58	19.4	0.83	44.72	11.59	30.92	7.14	167.48	28.95	1.24	66.76	
06/09/2024 23:45	20.49	4.4	107.59	11.58	19.58	0.93	41.12	11.59	30.58	6.56	160.54	29.25	1.39	61.42	
06/09/2024 23:50	20.14	4.24	108.81	11.58	19.66	1.02	40.53	11.6	30.03	6.32	162.23	29.36	1.52	60.55	
06/09/2024 23:55	20.16	4.26	110.1	11.59	19.25	0.8	43.96	11.59	30.09	6.36	164.31	28.76	1.2	65.64	
07/09/2024 00:00	19.96	3.95	108.22	11.58	19.53	0.95	41.6	11.6	29.78	5.9	161.46	29.17	1.42	62.15	
07/09/2024 00:05	19.96	4.27	110.27	11.57	19.5	0.95	41.14	11.6	29.75	6.36	164.34	29.13	1.42	61.46	
07/09/2024 00:10	19.98	4.65	110.83	11.58	19.23	0.84	42.59	11.59	29.81	6.94	165.31	28.71	1.25	63.6	
07/09/2024 00:15	19.88	4.58	107.61	11.58	19.52	0.98	41.98	11.59	29.66	6.83	160.52	29.16	1.47	62.7	
07/09/2024 00:20	20.3	4.51	110.2	11.57	19.84	0.98	41.11	11.59	30.24	6.72	164.21	29.63	1.47	61.39	
07/09/2024 00:25	20.84	5.14	111.05	11.58	19.46	1.08	46.23	11.59	31.08	7.66	165.59	29.05	1.61	69.01	
07/09/2024 00:30	20.84	5.06	108.42	11.58	19.4	1.02	42.96	11.59	31.07	7.55	161.69	28.96	1.52	64.14	
07/09/2024 00:35	20.34	4.87	111.07	11.57	19.63	1.14	43.05	11.59	30.31	7.26	165.52	29.3	1.7	64.27	
07/09/2024 00:40	20.88	5.31	110.63	11.58	19.5	1.09	44.36	11.59	31.12	7.91	164.91	29.1	1.62	66.2	
07/09/2024 00:45	20.76	5.29	108.78	11.58	19.33	0.93	41.4	11.59	30.95	7.89	162.16	28.87	1.39	61.81	
07/09/2024 00:50	20.56	4.85	109.85	11.57	19.2	1	42.16	11.59	30.64	7.22	163.71	28.67	1.49	62.94	
07/09/2024 00:55	20.99	5.38	110.35	11.58	19.3	1.01	44.4	11.59	31.31	8.03	164.66	28.82	1.5	66.3	
07/09/2024 01:00	20.9	5.25	106.93	11.59	19.34	1.03	41.88	11.6	31.19	7.83	159.57	28.89	1.54	62.57	
07/09/2024 01:05	20.58	5.11	112.91	11.58	19.47	1.14	41.13	11.59	30.68	7.62	168.34	29.07	1.7	61.41	
07/09/2024 01:10	20.58	5.62	114.02	11.59	19.22	1.04	45.13	11.59	30.71	8.38	170.19	28.69	1.56	67.39	
07/09/2024 01:15	20.52	5.49	111.47	11.59	19.43	1.16	43.29	11.59	30.63	8.2	166.38	29.02	1.74	64.66	
07/09/2024 01:20	20.45	5.02	112.34	11.58	19.56	1.25	43.83	11.59	30.49	7.49	167.48	29.21	1.87	65.45	
07/09/2024 01:25	21.08	5.52	111.39	11.59	19.2	0.97	44.04	11.59	31.47	8.24	166.3	28.66	1.45	65.76	
07/09/2024 01:30	21.05	5.34	108.2	11.59	19.37	1.07	42.13	11.6	31.43	7.98	161.55	28.94	1		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/09/2024 03:15	20.59	5.44	109.89	11.58	19.51	1.12	42.8	11.59	30.72	8.12	163.97	29.12	1.67	63.88	
07/09/2024 03:20	20.33	4.96	112.43	11.57	19.78	1.22	43.06	11.59	30.28	7.39	167.5	29.53	1.82	64.28	
07/09/2024 03:25	20.58	5.38	112.49	11.58	19.42	1.17	46.55	11.58	30.69	8.03	167.72	28.98	1.75	69.46	
07/09/2024 03:30	20.49	5.28	109.62	11.58	19.46	1.25	43.19	11.59	30.55	7.87	163.43	29.06	1.87	64.47	
07/09/2024 03:35	20.3	5.03	113.27	11.57	19.78	1.56	43.23	11.59	30.25	7.49	168.76	29.54	2.33	64.55	
07/09/2024 03:40	20.47	5.49	112.73	11.58	19.22	1.19	46.2	11.59	30.53	8.19	168.13	28.68	1.78	68.95	
07/09/2024 03:45	20.34	5.44	108.82	11.58	19.34	1.22	44.14	11.59	30.34	8.12	162.29	28.86	1.82	65.89	
07/09/2024 03:50	20.36	5.05	112.97	11.57	19.31	1.2	44	11.59	30.31	7.51	168.22	28.82	1.8	65.66	
07/09/2024 03:55	20.89	5.52	113.01	11.57	19.09	0.99	45.68	11.58	31.13	8.23	168.44	28.47	1.47	68.13	
07/09/2024 04:00	20.8	5.47	110.93	11.57	19.35	1.22	43.91	11.59	31.01	8.15	165.33	28.89	1.82	65.54	
07/09/2024 04:05	20.36	5.04	112.35	11.57	19.41	1.28	43.81	11.59	30.32	7.5	167.31	28.97	1.91	65.4	
07/09/2024 04:10	20.9	5.6	113.03	11.57	19.19	1.09	46.62	11.58	31.15	8.34	168.43	28.62	1.62	69.53	
07/09/2024 04:15	20.87	5.54	110.85	11.57	19.34	1.15	43.84	11.58	31.1	8.25	165.17	28.85	1.71	65.4	
07/09/2024 04:20	20.46	5.1	112.56	11.56	19.47	1.38	44.83	11.58	30.46	7.59	167.58	29.04	2.05	66.87	
07/09/2024 04:25	20.86	5.57	113.36	11.57	19.29	1.17	46.62	11.58	31.09	8.3	168.89	28.76	1.75	69.53	
07/09/2024 04:30	20.9	5.53	109.07	11.57	19.54	1.26	43.32	11.58	31.14	8.24	162.5	29.15	1.89	64.62	
07/09/2024 04:35	20.36	5.1	113.26	11.56	19.81	1.42	45.23	11.58	30.3	7.59	168.59	29.56	2.12	67.49	
07/09/2024 04:40	20.76	5.61	113.51	11.57	19.42	1.24	47.59	11.58	30.94	8.36	169.18	28.96	1.85	70.95	
07/09/2024 04:45	20.71	5.44	110.18	11.58	19.49	1.25	44.14	11.58	30.88	8.11	164.24	29.09	1.86	65.85	
07/09/2024 04:50	20.37	5.07	112.55	11.56	19.58	1.41	43.86	11.58	30.32	7.55	167.54	29.21	2.1	65.43	
07/09/2024 04:55	20.88	5.5	112.34	11.57	19.25	1.16	46.35	11.58	31.11	8.19	167.34	28.7	1.72	69.1	
07/09/2024 05:00	20.82	5.37	109.47	11.57	19.37	1.31	44.16	11.58	31.01	8	163.08	28.9	1.96	65.88	
07/09/2024 05:05	20.22	5.06	112.91	11.56	19.22	1.38	44.5	11.58	30.09	7.53	168.06	28.67	2.05	66.39	
07/09/2024 05:10	20.77	5.59	113.58	11.57	19.14	1.2	46.07	11.58	30.93	8.32	169.18	28.54	1.8	68.7	
07/09/2024 05:15	20.71	5.48	111.34	11.57	19.42	1.28	44.08	11.58	30.85	8.17	165.84	28.97	1.91	65.76	
07/09/2024 05:20	20.25	5.05	113.45	11.56	19.53	1.34	44.63	11.58	30.15	7.52	168.91	29.14	2.01	66.59	
07/09/2024 05:25	20.69	5.44	113.1	11.57	19.14	1.16	46.93	11.58	30.82	8.11	168.5	28.54	1.73	69.97	
07/09/2024 05:30	20.66	5.36	110.4	11.57	19.37	1.33	43.82	11.58	30.78	7.99	164.48	28.89	1.98	65.37	
07/09/2024 05:35	20.13	5.03	114.29	11.56	19.53	1.36	43.75	11.58	29.96	7.49	170.1	29.13	2.03	65.26	
07/09/2024 05:40	20.54	5.49	113.2	11.57	19.15	1.17	46.98	11.58	30.61	8.18	168.66	28.55	1.75	70.03	
07/09/2024 05:45	20.48	5.42	110.63	11.57	19.16	1.25	44.16	11.58	30.51	8.08	164.83	28.58	1.87	65.87	
07/09/2024 05:50	20.2	4.98	114.23	11.56	19.34	1.38	45.41	11.58	30.06	7.41	170.01	28.86	2.05	67.75	
07/09/2024 05:55	20.51	5.34	113.85	11.57	18.91	1.1	46.85	11.58	30.55	7.96	169.55	28.2	1.64	69.85	
07/09/2024 06:00	20.45	5.2	110.79	11.57	19.23	1.22	43.13	11.58	30.46	7.75	165	28.69	1.82	64.34	
07/09/2024 06:05	20.3	4.79	111.61	11.56	19.53	1.2	42.2	11.58	30.2	7.13	166.08	29.13	1.8	62.95	
07/09/2024 06:10	20.75	5.17	110.48	11.57	19.22	1.17	44.95	11.58	30.92	7.7	164.61	28.67	1.75	67.03	
07/09/2024 06:15	20.76	5.12	108.04	11.57	18.98	1.06	42.93	11.58	30.94	7.63	160.98	28.3	1.58	64.03	
07/09/2024 06:20	20.19	4.81	110.82	11.56	19.17	1.23	42.78	11.58	30.05	7.16	164.91	28.59	1.84	63.79	
07/09/2024 06:25	20.75	5.18	111.38	11.56	18.98	1.1	46.65	11.57	30.88	7.71	165.75	28.27	1.64	69.49	
07/09/2024 06:30	20.82	5.13	108.07	11.56	19.32	1.3	42.76	11.57	30.98	7.64	160.83	28.79	1.94	63.73	
07/09/2024 06:35	20.28	4.8	112.29	11.55	19.77	1.55	43.52	11.58	30.16	7.14	167.02	29.47	2.31	64.88	
07/09/2024 06:40	20.68	5.35	113.32	11.57	19.24	1.26	46.53	11.57	30.8	7.97	168.75	28.67	1.87	69.34	
07/09/2024 06:45	20.68	5.26	111.08	11.57	19.15	1.19	43.87	11.58	30.8	7.84	165.41	28.55	1.77	65.41	
07/09/2024 06:50	20.33	5	113.15	11.56	19.19	1.38	45.09	11.58	30.25	7.43	168.31	28.6	2.05	67.22	
07/09/2024 06:55	20.66	5.35	112.69	11.57	19.09	1.24	46.13	11.57	30.76	7.96	167.8	28.44	1.85	68.73	
07/09/2024 07:00	20.68	5.33	110.93	11.57	18.95	1.21	43.75	11.58	30.79	7.93	165.18	28.25	1.81	65.23	
07/09/2024 07:05	20.22	4.9	112.77	11.55	18.86	1.25	43.97	11.57	30.07	7.29	167.73	28.11	1.86	65.53	
07/09/2024 07:10	20.67	5.44	113.19	11.56	18.9	1.17	46.09	11.57	30.76	8.1	168.49	28.16	1.75	68.67	
07/09/2024 07:15	20.59	5.38	110.37	11.56	19.09	1.24	43.83	11.57	30.66	8.02	164.33	28.45	1.85	65.33	
07/09/2024 07:20	20.16	4.95	112.88	11.55	19.31	1.31	43.66	11.57	29.99	7.36	167.88	28.77	1.96	65.04	
07/09/2024 07:25	20.43	5.46	114.4	11.56	19.14	1.21	46.06	11.57	30.41	8.12	170.24	28.51	1.8	68.59	
07/09/2024 07:30	20.37	5.42	112.02	11.56	19.21	1.29	44.36	11.57	30.31	8.06	166.7	28.62	1.92	66.1	
07/09/2024 07:35	19.94	4.85	113.53	11.55	19.25	1.42	45.06	11.57	29.65	7.21	168.82	28.69	2.12	67.16	
07/09/2024 07:40	20.55	5.33	113.94	11.56	19.01	1.13	46.8	11.57	30.58	7.93	169.57	28.32	1.68	69.71	
07/09/2024 07:45	20.51	5.25	111.8	11.56	19.23	1.21	43.83	11.57	30.52	7.82	166.37	28.66	1.81	65.31	
07/09/2024 07:50	20.09	4.86	112.73	11.55	19.28	1.22	43.34	11.57	29.87	7.22	167.64	28.73	1.82	64.58	
07/09/2024 07:55	20.35	5.3	113.45	11.56	19.13	1.19	47.04	11.57	30.28	7.89	168.83	28.49	1.77	70.07	
07/09/2024 08:00	20.24	5.19	109.89	11.56	19.2	1.19	44.05	11.57	30.12	7.73	163.53	28.6	1.78	65.61	
07/09/2024 08:05	20.02	4.94	113.12	11.55	19.55	1.47	44.97	11.57	29.77	7.35	168.2	29.12	2.19	67	
07/09/2024 08:10	20.41	5.39	113.46	11.56	19.08	1.17	46.42	11.57	30.36	8.01	168.8	28.41	1.74	69.13	
07/09/2024 08:15	20.33	5.34	111.1	11.56	19.24	1.14	43.59	11.57	30.25	7.95	165.29	28.66	1.69	64.93	
07/09/2024 08:20	20.22	4.89	112.89	11.55	19.39	1.25	43.11	11.57	30.05	7.27	167.8	28.87	1.86	64.2	
07/09/2024 08:25	20.48	5.25	112.94	11.56	19.25	1.04	45.69	11.56	30.47	7.82	168.04	28.66	1.56	68.02	
07/09/2024 08:30	20.48	5.12	110.13	11.56	19.3	1.09	43.72	11.57	30.47	7.62	163.85	28.76	1.63	65.14	
07/09/2024 08:35	20.14	4.75	112.19	11.55	19.45	1.2	43.31	11.57	29.93	7.06	166.75	28.97	1.79	64.51	
07/09/2024 08:40	20.45	5.16	112.07	11.56	19.24	1.06	47.22	11.57	30.42	7.68	166.73	28.66	1.59	70.31	
07/09/2024 08:45	20.33	4.82	106.03	11.56	19.28	1.02	44.04	11.57	30.24	7.16	157.77	28.72	1.52	65.61	
07/09/2024 08:50	20.21	4.8	112.42	11.55	18.84	0.95	43.7	11.57	30.05	7.13	167.11	28.07	1.42	65.1	
07/09/2024 08:55	20.66	5.22	112.74	11.56	18.92	0.86	46.41	11.56	30.73	7.77	167.71	28.17	1.28	69.09	
07/09/2024 09:00	20.64	5.16	110.33	11.56	19.14	1	43.94	11.57	30.7	7.68	164.14	28.5	1.49	65.44	
07/09/2024 09:05	20.16	4.84	113.84	11.55	19.31	1.53	45.55	11.57	29.96	7.19	169.18	28.77	2.28	67.86	
07/09/2024 09:10	20.58	5.09	112.7	11.56	18.85	1.05	47.19	11.57	30.62	7.57	167.64	28.08	1.57	70.27	
07/09/2024 09:15	20.68	5	110.09	11.56	19.2	1.05	44.43								



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/09/2024 11:00	20.44	4.84	108.22	11.6	19.27	0.97	42.81	11.61	30.56	7.23	161.78	28.84	1.45	64.06	
07/09/2024 11:05	20.06	4.47	111.05	11.59	19.78	1.45	43.98	11.62	29.96	6.68	165.88	29.63	2.18	65.87	
07/09/2024 11:10	20.71	5.03	110.72	11.6	19.36	1.09	46.27	11.61	30.97	7.51	165.58	28.99	1.63	69.25	
07/09/2024 11:15	20.73	4.88	106.95	11.61	19.42	0.98	43.26	11.62	30.99	7.29	159.93	29.07	1.47	64.79	
07/09/2024 11:20	20	4.6	112.16	11.6	19.08	0.81	43.14	11.61	29.9	6.88	167.66	28.56	1.22	64.58	
07/09/2024 11:25	20.36	5.18	112.62	11.61	18.87	0.79	46.16	11.62	30.47	7.75	168.5	28.25	1.19	69.11	
07/09/2024 11:30	20.21	5.03	109.86	11.61	19.21	0.98	44.4	11.62	30.24	7.53	164.37	28.79	1.47	66.53	
07/09/2024 11:35	19.88	4.52	111.58	11.61	18.7	0.38	43.98	11.62	29.74	6.76	166.9	28.01	0.56	65.86	
07/09/2024 11:40	20.46	5.01	111.55	11.62	19.01	0.78	46.93	11.62	30.65	7.51	167.09	28.48	1.17	70.32	
07/09/2024 11:45	20.42	4.9	109.62	11.62	19.03	0.86	44.03	11.63	30.59	7.35	164.2	28.53	1.3	66.03	
07/09/2024 11:50	19.97	4.54	111.59	11.61	19.05	0.95	44.48	11.63	29.89	6.79	167.03	28.56	1.43	66.71	
07/09/2024 11:55	20.29	4.94	112.31	11.62	18.73	0.79	46.54	11.63	30.4	7.41	168.29	28.09	1.18	69.79	
07/09/2024 12:00	20.27	4.83	109.61	11.63	18.89	0.82	43.54	11.64	30.38	7.24	164.27	28.34	1.23	65.34	
07/09/2024 12:05	19.99	4.52	110.98	11.62	18.92	0.95	43.22	11.63	29.94	6.76	166.22	28.39	1.43	64.84	
07/09/2024 12:10	20.37	4.9	110.86	11.63	18.45	0.7	45.29	11.63	30.53	7.34	166.19	27.68	1.04	67.93	
07/09/2024 12:15	20.31	4.75	107.97	11.63	19.33	1.04	42.69	11.64	30.45	7.13	161.87	29.02	1.56	64.1	
07/09/2024 12:20	19.82	4.44	110.78	11.62	18.81	0.78	42.61	11.64	29.7	6.64	165.98	28.24	1.17	63.95	
07/09/2024 12:25	20.38	4.9	112.17	11.63	18.51	0.71	46.05	11.64	30.55	7.35	168.16	27.77	1.06	69.1	
07/09/2024 12:30	20.29	4.79	110.21	11.63	19.09	0.88	43.19	11.64	30.41	7.19	165.22	28.66	1.33	64.85	
07/09/2024 12:35	20	4.51	111.3	11.62	19.06	0.78	42.88	11.64	29.97	6.75	166.76	28.61	1.17	64.35	
07/09/2024 12:40	20.36	4.95	111.42	11.63	18.64	0.68	45.58	11.64	30.53	7.42	167.08	27.97	1.02	68.38	
07/09/2024 12:45	20.33	4.93	107.64	11.63	18.81	0.71	43.49	11.64	30.48	7.39	161.39	28.23	1.07	65.29	
07/09/2024 12:50	19.91	4.48	111.74	11.62	19.2	1.17	43.47	11.64	29.83	6.71	167.41	28.83	1.76	65.27	
07/09/2024 12:55	20.3	5	112.3	11.63	18.59	0.91	47.37	11.64	30.44	7.5	168.4	27.9	1.36	71.09	
07/09/2024 13:00	20.19	4.97	110.38	11.63	18.81	0.84	43.34	11.65	30.28	7.46	165.53	28.25	1.26	65.1	
07/09/2024 13:05	19.83	4.49	112.14	11.63	18.61	0.83	44.42	11.65	29.73	6.72	168.1	27.95	1.24	66.72	
07/09/2024 13:10	20.55	4.88	111.24	11.63	18.36	0.71	45.65	11.64	30.83	7.31	166.84	27.56	1.07	68.52	
07/09/2024 13:15	20.52	4.79	108.59	11.63	18.71	0.8	42.68	11.65	30.78	7.19	162.88	28.11	1.21	64.12	
07/09/2024 13:20	19.94	4.39	111.38	11.63	18.53	0.8	43.31	11.65	29.88	6.58	166.93	27.84	1.2	65.07	
07/09/2024 13:25	20.39	4.95	111.89	11.63	18.23	0.66	45.4	11.64	30.58	7.42	167.83	27.36	0.99	68.15	
07/09/2024 13:30	20.34	4.81	109.39	11.63	18.6	0.84	43.13	11.65	30.51	7.21	164.06	27.95	1.27	64.84	
07/09/2024 13:35	19.81	4.49	112.34	11.63	18.72	0.81	42.81	11.65	29.72	6.73	168.5	28.14	1.22	64.36	
07/09/2024 13:40	20.29	4.98	112.98	11.65	18.23	0.67	45.31	11.65	30.47	7.49	169.73	27.4	1.01	68.1	
07/09/2024 13:45	20.15	4.78	109.55	11.65	18.39	0.91	43.5	11.66	30.28	7.19	164.6	27.67	1.37	65.44	
07/09/2024 13:50	19.82	4.51	111.76	11.64	18.45	0.81	43.25	11.66	29.76	6.78	167.79	27.76	1.22	65.07	
07/09/2024 13:55	20.44	4.95	111.93	11.65	18.17	0.68	45.21	11.66	30.71	7.45	168.21	27.31	1.02	67.98	
07/09/2024 14:00	20.42	4.85	109.52	11.65	18.53	0.89	43.25	11.66	30.7	7.28	164.61	27.89	1.34	65.09	
07/09/2024 14:05	19.71	4.49	112.55	11.65	18.58	0.95	43.59	11.66	29.61	6.74	169.07	27.95	1.43	65.59	
07/09/2024 14:10	20.39	5.02	112.31	11.66	18.16	0.8	47.54	11.66	30.66	7.55	168.94	27.32	1.21	71.51	
07/09/2024 14:15	20.36	4.93	109.76	11.66	18.89	1.12	42.89	11.67	30.62	7.41	165.09	28.44	1.68	64.58	
07/09/2024 14:20	19.78	4.52	112.2	11.65	18.58	0.86	42.84	11.67	29.72	6.79	168.59	27.96	1.29	64.49	
07/09/2024 14:25	20.14	4.99	112.13	11.66	18.16	0.7	44.97	11.66	30.3	7.51	168.66	27.32	1.05	67.67	
07/09/2024 14:30	20.04	4.98	108.63	11.66	18.44	0.93	43.57	11.67	30.14	7.48	163.4	27.77	1.41	65.62	
07/09/2024 14:35	19.86	4.57	112.83	11.66	18.33	0.97	43.75	11.67	29.86	6.88	169.65	27.6	1.46	65.89	
07/09/2024 14:40	20.3	5.11	113.86	11.67	18.26	0.76	45.74	11.67	30.55	7.69	171.39	27.5	1.14	68.88	
07/09/2024 14:45	20.18	4.88	111.04	11.67	18.43	0.78	43.73	11.68	30.38	7.35	167.15	27.79	1.17	65.9	
07/09/2024 14:50	19.7	4.61	113.07	11.66	17.78	0.23	44.02	11.67	29.65	6.94	170.14	26.78	0.35	66.3	
07/09/2024 14:55	20.17	5.1	113.91	11.67	18	0.51	46.36	11.67	30.37	7.69	171.55	27.12	0.78	69.84	
07/09/2024 15:00	20.06	4.99	111.04	11.67	18.61	1.01	44.31	11.69	30.21	7.52	167.22	28.07	1.52	66.85	
07/09/2024 15:05	19.73	4.63	114.23	11.66	18.55	1.09	45.36	11.69	29.69	6.97	171.9	27.98	1.65	68.44	
07/09/2024 15:10	20.09	5.1	114.62	11.67	18.15	0.84	47	11.68	30.25	7.68	172.61	27.37	1.27	70.86	
07/09/2024 15:15	19.89	4.9	111.35	11.67	18.22	0.68	44.11	11.68	29.96	7.39	167.7	27.48	1.03	66.52	
07/09/2024 15:20	19.72	4.6	113.95	11.66	17.89	0.44	44.55	11.68	29.66	6.91	171.41	26.98	0.66	67.17	
07/09/2024 15:25	20.25	5.09	115.19	11.67	18.35	0.75	46.92	11.68	30.49	7.67	173.45	27.67	1.13	70.73	
07/09/2024 15:30	20.24	4.97	112.88	11.67	18.5	1.04	44.6	11.68	30.48	7.49	170	27.91	1.58	67.27	
07/09/2024 15:35	19.76	4.65	114.32	11.66	19.03	1.39	44.67	11.68	29.71	7	171.91	28.7	2.1	67.38	
07/09/2024 15:40	20.15	5.15	114.03	11.66	18.3	1.02	47.63	11.67	30.33	7.75	171.62	27.57	1.54	71.76	
07/09/2024 15:45	20.06	5.08	111.77	11.67	18.43	0.89	43.97	11.68	30.2	7.65	168.24	27.77	1.34	66.25	
07/09/2024 15:50	19.71	4.66	114.68	11.65	18.11	0.81	44.25	11.67	29.63	7.01	172.41	27.28	1.22	66.66	
07/09/2024 15:55	20.18	5.23	115.89	11.66	17.99	0.7	47.1	11.67	30.35	7.86	174.33	27.09	1.05	70.91	
07/09/2024 16:00	20.11	5.14	113.5	11.66	18.77	1.23	45.74	11.68	30.26	7.74	170.73	28.28	1.85	68.93	
07/09/2024 16:05	19.76	4.77	115.8	11.65	19	1.22	44.38	11.67	29.69	7.17	173.99	28.61	1.84	66.83	
07/09/2024 16:10	20.39	5.22	115.95	11.66	18.34	0.93	47.96	11.66	30.67	7.85	174.38	27.61	1.4	72.17	
07/09/2024 16:15	20.32	5.12	111.48	11.66	18.55	1.24	46.01	11.67	30.55	7.7	167.66	27.94	1.87	69.29	
07/09/2024 16:20	19.86	4.88	116.61	11.64	18.34	0.67	45.52	11.66	29.82	7.32	175.09	27.61	1.01	68.5	
07/09/2024 16:25	20.13	5.41	116.35	11.65	17.73	0.61	48.58	11.66	30.25	8.13	174.87	26.66	0.92	73.04	
07/09/2024 16:30	20.03	5.33	114.01	11.65	18.48	1.2	47.5	11.66	30.11	8.02	171.34	27.81	1.81	71.5	
07/09/2024 16:35	19.71	4.98	118.09	11.64	17.8	0.73	47.33	11.66	29.58	7.47	177.24	26.77	1.11	71.18	
07/09/2024 16:40	20.18	5.42	118.03	11.65	17.89	0.96	50.44	11.65	30.31	8.14	177.28	26.89	1.44	75.83	
07/09/2024 16:45	20.12	5.34	115.47	11.65	17.98	1	47.82	11.66	30.23	8.02	173.43	27.04	1.51	71.93	
07/09/2024 16:50	19.86	4.97	117.22	11.63	18.61	1.75	47.75	11.66	29.79	7.46	175.86	28	2.63	71.85	
07/09/2024 16:55	20.16	5.42	118.38	11.64	18.36	1.32	50.3	11.65	30.27	8.15	177.74	27.61	1.98	75.62	
07/09/2024 17:00	20.2	5.4	114.56	11.64	18.55	1.2	47.72	11.65	30.33	8.11					



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/09/2024 18:45	19.49	6.01	123.45	11.58	18.18	1.42	50.15	11.59	29.07	8.97	184.13	27.14	2.12	74.87	
07/09/2024 18:50	19.7	5.28	120.85	11.56	18.45	1.5	50.28	11.59	29.33	7.86	179.88	27.55	2.24	75.08	
07/09/2024 18:55	20.17	5.74	120.8	11.57	18.2	1.4	54.04	11.58	30.05	8.55	179.91	27.14	2.09	80.59	
07/09/2024 19:00	20.19	5.71	116.25	11.57	18.32	1.42	49.88	11.58	30.07	8.5	173.13	27.34	2.12	74.41	
07/09/2024 19:05	19.75	5.29	120.9	11.55	18.59	1.52	50.02	11.58	29.38	7.86	179.8	27.73	2.26	74.6	
07/09/2024 19:10	20.21	5.64	120.63	11.56	18.32	1.39	53.48	11.57	30.07	8.39	179.49	27.29	2.07	79.69	
07/09/2024 19:15	20.17	5.51	117.95	11.56	18.33	1.37	49.93	11.57	30.02	8.19	175.51	27.31	2.04	74.4	
07/09/2024 19:20	19.75	5.26	120.98	11.54	18.23	1.25	49.67	11.57	29.34	7.81	179.72	27.16	1.86	73.98	
07/09/2024 19:25	19.98	5.66	120.6	11.55	18.22	1.22	52.04	11.56	29.7	8.41	179.26	27.13	1.81	77.46	
07/09/2024 19:30	19.91	5.61	117.12	11.55	18.36	1.44	50.08	11.57	29.6	8.34	174.09	27.36	2.14	74.59	
07/09/2024 19:35	19.8	5.32	121.26	11.54	18.58	1.61	50.98	11.57	29.41	7.9	180.1	27.67	2.4	75.95	
07/09/2024 19:40	20.07	5.77	121.88	11.54	18.53	1.44	52.06	11.56	29.82	8.58	181.08	27.58	2.14	77.46	
07/09/2024 19:45	20.02	5.71	119.7	11.54	18.56	1.42	49.62	11.56	29.74	8.48	177.83	27.62	2.11	73.86	
07/09/2024 19:50	19.83	5.34	121.14	11.53	18.92	1.63	49.88	11.56	29.41	7.91	179.71	28.16	2.42	74.23	
07/09/2024 19:55	20.15	5.83	121.61	11.54	18.39	1.23	51.03	11.55	29.92	8.65	180.54	27.33	1.82	75.85	
07/09/2024 20:00	20.05	5.75	119.33	11.54	18.55	1.3	48.27	11.55	29.76	8.54	177.16	27.59	1.93	71.77	
07/09/2024 20:05	19.99	5.1	118.48	11.52	18.69	1.3	47.44	11.55	29.64	7.56	175.66	27.79	1.93	70.53	
07/09/2024 20:10	20.26	5.6	120.06	11.53	18.45	1.26	51.75	11.54	30.05	8.31	178.08	27.41	1.86	76.85	
07/09/2024 20:15	20.22	5.51	117.56	11.53	18.75	1.41	48.57	11.55	29.99	8.18	174.35	27.86	2.09	72.18	
07/09/2024 20:20	19.88	5.23	120.35	11.52	18.98	1.38	48.66	11.55	29.46	7.75	178.33	28.21	2.04	72.31	
07/09/2024 20:25	20.05	5.75	120.6	11.53	18.58	1.26	51.17	11.54	29.74	8.53	178.92	27.61	1.87	76.01	
07/09/2024 20:30	19.9	5.6	116.65	11.53	18.71	1.42	48.99	11.55	29.52	8.3	173.07	27.8	2.12	72.81	
07/09/2024 20:35	19.84	5.29	120.23	11.52	18.56	1.53	49.58	11.55	29.4	7.84	178.18	27.59	2.28	73.69	
07/09/2024 20:40	20.02	5.73	121.23	11.53	18.27	1.29	51.93	11.54	29.69	8.49	179.76	27.14	1.92	77.1	
07/09/2024 20:45	19.92	5.67	118.96	11.53	18.58	1.34	48.86	11.54	29.53	8.41	176.38	27.59	1.99	72.58	
07/09/2024 20:50	19.81	5.38	121.28	11.52	18.39	1.23	49.58	11.54	29.35	7.97	179.67	27.3	1.83	73.61	
07/09/2024 20:55	20.36	5.83	121.61	11.52	18.44	1.15	52.18	11.53	30.17	8.64	180.24	27.36	1.71	77.42	
07/09/2024 21:00	20.35	5.74	119.38	11.52	18.75	1.37	49.75	11.54	30.16	8.51	176.92	27.84	2.03	73.85	
07/09/2024 21:05	19.82	5.47	122.06	11.51	18.78	1.23	50.45	11.54	29.36	8.1	180.77	27.88	1.83	74.89	
07/09/2024 21:10	20.27	5.91	122.1	11.52	18.58	1.2	52.57	11.53	30.06	8.76	181.02	27.58	1.77	78.02	
07/09/2024 21:15	20.26	5.85	119.5	11.52	18.92	1.38	49.44	11.54	30.04	8.68	177.17	28.08	2.05	73.39	
07/09/2024 21:20	19.9	5.41	121.71	11.51	18.94	1.42	49.53	11.53	29.47	8.01	180.23	28.11	2.11	73.51	
07/09/2024 21:25	20.15	5.83	121.37	11.52	18.65	1.17	52.1	11.53	29.86	8.64	179.89	27.66	1.74	77.28	
07/09/2024 21:30	20.09	5.75	119.11	11.52	19.02	1.42	49.39	11.54	29.78	8.52	176.54	28.23	2.11	73.31	
07/09/2024 21:35	19.89	5.36	120.44	11.51	19.25	1.53	49.8	11.54	29.44	7.94	178.3	28.58	2.27	73.93	
07/09/2024 21:40	20.24	5.71	120.1	11.52	18.99	1.35	51.61	11.53	29.98	8.46	177.9	28.17	2.01	76.56	
07/09/2024 21:45	20.32	5.67	116.33	11.52	19.27	1.44	49.36	11.53	30.1	8.41	172.3	28.59	2.14	73.23	
07/09/2024 21:50	19.84	5.32	120.39	11.51	19.7	1.56	49.63	11.53	29.36	7.87	178.16	29.23	2.32	73.63	
07/09/2024 21:55	20.39	5.83	120.85	11.51	19.16	1.38	53.15	11.53	30.2	8.63	178.98	28.41	2.05	78.8	
07/09/2024 22:00	20.42	5.71	118.36	11.51	19.3	1.5	49.39	11.53	30.24	8.46	175.29	28.63	2.22	73.27	
07/09/2024 22:05	19.84	5.46	121.23	11.5	19.7	1.64	49.95	11.53	29.36	8.07	179.35	29.22	2.43	74.08	
07/09/2024 22:10	20.21	5.93	122.23	11.51	19.1	1.2	52.54	11.52	29.93	8.78	181.03	28.31	1.78	77.88	
07/09/2024 22:15	20.16	5.73	117.77	11.52	19.35	1.42	49.19	11.53	29.86	8.48	174.44	28.69	2.1	72.95	
07/09/2024 22:20	19.85	5.49	121.27	11.51	19.38	1.5	48.94	11.52	29.38	8.12	179.48	28.72	2.22	72.55	
07/09/2024 22:25	20.21	5.82	121.14	11.51	19.01	1.24	51.56	11.52	29.93	8.61	179.4	28.17	1.84	76.4	
07/09/2024 22:30	20.16	5.68	118.48	11.51	19.35	1.32	49.24	11.53	29.86	8.42	175.45	28.7	1.96	73.02	
07/09/2024 22:35	19.99	5.4	120.76	11.5	19.31	1.47	48.72	11.52	29.55	7.98	178.57	28.63	2.18	72.22	
07/09/2024 22:40	20.33	5.9	121.66	11.51	19.12	1.31	51.64	11.52	30.1	8.73	180.12	28.32	1.94	76.51	
07/09/2024 22:45	20.34	5.8	118.97	11.51	19.25	1.35	50.02	11.52	30.11	8.59	176.12	28.53	1.99	74.12	
07/09/2024 22:50	19.85	5.45	121.52	11.5	19.17	1.38	49.42	11.52	29.36	8.06	179.77	28.4	2.04	73.22	
07/09/2024 22:55	20.15	5.85	121.65	11.51	18.83	1.19	52.36	11.52	29.83	8.66	180.14	27.89	1.76	77.58	
07/09/2024 23:00	20.07	5.74	118.89	11.51	19.3	1.41	50.01	11.52	29.72	8.5	176.07	28.61	2.09	74.14	
07/09/2024 23:05	19.85	5.4	120.99	11.5	19.39	1.49	50.89	11.52	29.36	7.99	178.99	28.75	2.2	75.44	
07/09/2024 23:10	20.41	5.87	121.42	11.51	18.97	1.24	52.64	11.52	30.22	8.7	179.81	28.12	1.84	78.01	
07/09/2024 23:15	20.47	5.8	119.17	11.52	19.32	1.43	50.34	11.53	30.31	8.6	176.51	28.65	2.11	74.64	
07/09/2024 23:20	19.86	5.33	121.01	11.5	19.67	1.72	52.22	11.53	29.37	7.88	178.97	29.17	2.55	77.44	
07/09/2024 23:25	20.42	5.85	121.63	11.51	19.25	1.34	53.21	11.52	30.22	8.66	180.01	28.53	1.99	78.83	
07/09/2024 23:30	20.48	5.81	119.14	11.51	19.39	1.35	49.1	11.52	30.32	8.59	176.32	28.73	2.01	72.76	
07/09/2024 23:35	19.98	5.41	121	11.5	19.66	1.75	49.13	11.52	29.55	8	178.92	29.13	2.59	72.8	
07/09/2024 23:40	20.36	5.83	122.22	11.51	19.16	1.43	53.1	11.52	30.14	8.64	180.93	28.39	2.12	78.66	
07/09/2024 23:45	20.37	5.69	119.84	11.51	19.5	1.45	49.44	11.52	30.16	8.43	177.41	28.9	2.15	73.26	
07/09/2024 23:50	19.85	5.24	119.88	11.5	19.31	1.23	49.23	11.52	29.35	7.75	177.29	28.61	1.83	72.93	
07/09/2024 23:55	20.12	5.61	118.52	11.51	19.27	1.21	50.43	11.51	29.78	8.31	175.39	28.54	1.8	74.69	
08/09/2024 00:00	20.07	5.52	115.7	11.51	19.63	1.32	46.76	11.52	29.69	8.17	171.21	29.08	1.95	69.29	
08/09/2024 00:05	20	5.02	116.59	11.5	19.72	1.31	47.33	11.52	29.58	7.42	172.39	29.22	1.95	70.13	
08/09/2024 00:10	20.41	5.39	117.09	11.5	19.45	1.2	48.88	11.51	30.2	7.98	173.22	28.81	1.78	72.38	
08/09/2024 00:15	20.42	5.17	112.39	11.51	19.52	1.23	44.75	11.52	30.21	7.65	166.29	28.93	1.82	66.31	
08/09/2024 00:20	20.04	4.75	113.65	11.5	19.69	1.23	44.45	11.52	29.63	7.03	168.04	29.17	1.83	65.87	
08/09/2024 00:25	20.5	5.22	114.73	11.51	19.53	1.07	46.48	11.51	30.34	7.72	169.76	28.93	1.59	68.82	
08/09/2024 00:30	20.53	5.18	112.09	11.51	19.71	1.2	44.75	11.52	30.38	7.66	165.86	29.2	1.78	66.28	
08/09/2024 00:35	20.09	5	116.09	11.5	19.8	1.25	45.16	11.51	29.71	7.4	171.64	29.32	1.85	66.87	
08/09/2024 00:40	20.56	5.42	116.85	11.51	19.56	1.21	48.54	11.51	30.41	8.02	172.89	28.96	1.79	71.87	
08/09/2024 00:45	20.55	5.35	114.25	11.51	19.43	1.14	45.44	11.51	30.41	7.92</					



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/09/2024 02:30	21.54	3.22	85.11	11.5	19.59	0.5	28.41	11.51	31.86	4.77	125.89	29.01	0.74	42.06	
08/09/2024 02:35	20.9	2.87	86.48	11.49	19.92	0.72	28.13	11.52	30.88	4.24	127.77	29.51	1.07	41.66	
08/09/2024 02:40	21.28	3.22	86.21	11.5	19.45	0.56	29.81	11.51	31.46	4.76	127.49	28.8	0.84	44.13	
08/09/2024 02:45	21.16	3.19	84.09	11.5	19.44	0.53	27.46	11.51	31.3	4.72	124.36	28.77	0.79	40.65	
08/09/2024 02:50	20.92	2.71	84.74	11.49	19.56	0.53	27.31	11.51	30.89	4	125.17	28.95	0.79	40.41	
08/09/2024 02:55	21.35	3.22	85.81	11.5	19.28	0.51	30.22	11.51	31.58	4.76	126.89	28.52	0.76	44.72	
08/09/2024 03:00	21.26	3.17	83.27	11.5	19.22	0.51	28.46	11.51	31.44	4.68	123.14	28.44	0.75	42.11	
08/09/2024 03:05	20.98	2.77	85.68	11.49	19.64	0.63	27.91	11.5	30.98	4.09	126.52	29.05	0.92	41.28	
08/09/2024 03:10	21.28	3.08	85.25	11.5	19.39	0.5	30.01	11.5	31.45	4.55	126.04	28.69	0.74	44.39	
08/09/2024 03:15	21.05	2.97	82.68	11.5	19.25	0.42	28.19	11.51	31.12	4.39	122.24	28.48	0.62	41.71	
08/09/2024 03:20	20.93	2.73	84.44	11.49	19.16	0.44	28.31	11.51	30.9	4.04	124.68	28.35	0.65	41.89	
08/09/2024 03:25	21.42	3.09	84.01	11.5	19.1	0.46	29.88	11.5	31.66	4.57	124.18	28.25	0.68	44.2	
08/09/2024 03:30	21.36	3.08	82.37	11.5	19.36	0.5	27.27	11.5	31.57	4.55	121.76	28.63	0.75	40.34	
08/09/2024 03:35	20.85	2.73	84.96	11.48	19.09	0.59	28.36	11.5	30.78	4.03	125.4	28.24	0.88	41.94	
08/09/2024 03:40	21.26	3.15	85.22	11.49	19.07	0.54	31.07	11.5	31.4	4.65	125.88	28.19	0.8	45.93	
08/09/2024 03:45	21.17	3.11	82.92	11.49	19.23	0.37	26.13	11.5	31.27	4.59	122.49	28.44	0.54	38.64	
08/09/2024 03:50	20.88	2.54	81.04	11.48	19.19	0.42	25.83	11.5	30.82	3.75	119.63	28.37	0.62	38.19	
08/09/2024 03:55	21.47	3.02	82.65	11.49	19.09	0.39	27.52	11.5	31.71	4.46	122.07	28.22	0.58	40.68	
08/09/2024 04:00	21.36	3.02	80.41	11.49	19.49	0.48	25.92	11.5	31.56	4.47	118.77	28.83	0.71	38.33	
08/09/2024 04:05	21.11	2.62	82.67	11.48	19.95	0.84	26.19	11.5	31.16	3.87	122.04	29.52	1.25	38.74	
08/09/2024 04:10	21.34	3.07	83.43	11.49	19.5	0.59	28.49	11.5	31.53	4.53	123.25	28.84	0.87	42.13	
08/09/2024 04:15	21.16	3	81.28	11.49	19.3	0.36	26.11	11.5	31.26	4.43	120.09	28.53	0.54	38.61	
08/09/2024 04:20	21.03	2.57	81.84	11.48	19.5	0.53	27.19	11.5	31.04	3.79	120.78	28.83	0.79	40.2	
08/09/2024 04:25	21.66	2.98	82.39	11.49	19.5	0.52	29.46	11.5	32	4.4	121.74	28.82	0.76	43.56	
08/09/2024 04:30	21.65	2.94	80.47	11.49	19.35	0.45	26.61	11.5	31.99	4.34	118.88	28.61	0.66	39.34	
08/09/2024 04:35	21.1	2.56	81.96	11.48	19.64	0.5	26.06	11.5	31.13	3.77	120.93	29.03	0.74	38.53	
08/09/2024 04:40	21.49	3.01	81.93	11.49	19.4	0.43	27.17	11.49	31.74	4.44	120.99	28.67	0.64	40.14	
08/09/2024 04:45	21.5	3.01	80.07	11.49	19.75	0.39	25.53	11.5	31.75	4.45	118.26	29.2	0.58	37.74	
08/09/2024 04:50	21.1	2.53	80.63	11.48	20	0.7	25.03	11.5	31.14	3.73	118.98	29.56	1.04	37	
08/09/2024 04:55	21.39	2.96	81.95	11.49	19.75	0.59	28.08	11.49	31.59	4.37	121.03	29.19	0.87	41.49	
08/09/2024 05:00	21.25	2.94	80.21	11.49	19.62	0.5	25.93	11.49	31.38	4.33	118.45	28.99	0.73	38.3	
08/09/2024 05:05	21.21	2.56	81.65	11.47	19.78	0.45	25.59	11.49	31.29	3.78	120.41	29.21	0.67	37.8	
08/09/2024 05:10	21.48	2.98	80.78	11.48	19.73	0.43	29.21	11.49	31.71	4.4	119.22	29.14	0.64	43.13	
08/09/2024 05:15	21.41	2.92	77.93	11.48	19.79	0.47	26.25	11.49	31.6	4.31	115.01	29.24	0.7	38.78	
08/09/2024 05:20	21.17	2.55	81.61	11.48	19.95	0.56	26.98	11.49	31.23	3.76	120.37	29.48	0.83	39.87	
08/09/2024 05:25	21.37	2.93	80.45	11.48	19.82	0.46	27.99	11.49	31.55	4.32	118.77	29.29	0.69	41.35	
08/09/2024 05:30	21.28	2.93	77.51	11.48	19.87	0.39	26.14	11.49	31.41	4.32	114.42	29.36	0.57	38.63	
08/09/2024 05:35	21.14	2.48	80.32	11.48	19.77	0.34	25.63	11.49	31.19	3.66	118.49	29.19	0.51	37.85	
08/09/2024 05:40	21.42	2.92	80.27	11.48	19.68	0.39	27.49	11.49	31.62	4.31	118.47	29.07	0.58	40.6	
08/09/2024 05:45	21.37	2.88	78.41	11.48	20.12	0.44	25.49	11.48	31.53	4.25	115.7	29.7	0.65	37.63	
08/09/2024 05:50	21.27	2.5	80.62	11.45	20.25	0.56	26.39	11.48	31.31	3.69	118.64	29.86	0.83	38.92	
08/09/2024 05:55	21.68	2.88	80.17	11.46	19.8	0.53	28.12	11.47	31.92	4.23	118.03	29.17	0.78	41.43	
08/09/2024 06:00	21.67	2.79	78.13	11.46	19.77	0.36	26.27	11.46	31.9	4.11	115.02	29.11	0.53	38.69	
08/09/2024 06:05	20.98	2.69	83.39	11.44	19.89	0.3	27.23	11.46	30.84	3.95	122.57	29.28	0.44	40.09	
08/09/2024 06:10	21.22	3.06	84.65	11.45	19.74	0.46	30.38	11.45	31.22	4.51	124.5	29.04	0.68	44.69	
08/09/2024 06:15	21.06	2.94	82.7	11.45	19.94	0.44	27.89	11.45	30.98	4.32	121.63	29.34	0.64	41.04	
08/09/2024 06:20	20.91	2.78	84.94	11.44	19.91	0.2	27.81	11.45	30.72	4.08	124.79	29.28	0.3	40.9	
08/09/2024 06:25	21.33	3.16	84.29	11.45	19.65	0.4	29.52	11.45	31.37	4.65	123.97	28.91	0.6	43.43	
08/09/2024 06:30	21.28	3.14	82.94	11.45	19.78	0.44	27.96	11.45	31.31	4.62	122	29.11	0.65	41.14	
08/09/2024 06:35	20.9	2.83	85.06	11.44	20.66	1	27.88	11.46	30.7	4.16	124.97	30.4	1.47	41.03	
08/09/2024 06:40	21.14	3.22	85.96	11.44	20.03	0.76	30.66	11.45	31.07	4.73	126.35	29.47	1.12	45.11	
08/09/2024 06:45	21.05	3.21	83.8	11.44	19.7	0.41	28.12	11.45	30.94	4.72	123.17	28.98	0.61	41.36	
08/09/2024 06:50	20.9	2.74	85.07	11.44	19.86	0.59	28.39	11.45	30.7	4.02	124.94	29.22	0.87	41.77	
08/09/2024 06:55	21.42	3.15	84.91	11.44	19.74	0.54	30.72	11.45	31.49	4.63	124.82	29.03	0.8	45.19	
08/09/2024 07:00	21.42	3.09	82.85	11.44	20	0.46	28.11	11.45	31.49	4.54	121.77	29.41	0.67	41.34	
08/09/2024 07:05	20.85	2.74	85.59	11.43	20.11	0.48	28.44	11.45	30.61	4.03	125.68	29.57	0.71	41.81	
08/09/2024 07:10	21.36	3.1	85.68	11.44	20	0.48	30.63	11.45	31.39	4.56	125.9	29.4	0.71	45.04	
08/09/2024 07:15	21.33	3.07	83.64	11.44	20.03	0.56	28.6	11.44	31.33	4.51	122.88	29.45	0.83	42.05	
08/09/2024 07:20	20.84	2.76	85.94	11.43	20.23	0.67	28.34	11.44	30.6	4.06	126.16	29.74	0.99	41.66	
08/09/2024 07:25	21.16	3.21	86.46	11.44	19.74	0.51	29.91	11.44	31.09	4.71	127.04	29.01	0.75	43.96	
08/09/2024 07:30	21.11	3.16	84.58	11.44	19.99	0.5	28.38	11.45	31.02	4.65	124.28	29.39	0.73	41.72	
08/09/2024 07:35	20.78	2.76	86.2	11.43	19.78	0.31	27.86	11.44	30.52	4.06	126.57	29.07	0.46	40.94	
08/09/2024 07:40	21.39	3.21	86.44	11.44	19.32	0.36	29.17	11.44	31.45	4.71	127.05	28.4	0.53	42.87	
08/09/2024 07:45	21.38	3.22	84.54	11.44	20.07	0.42	28.35	11.44	31.42	4.73	124.29	29.51	0.61	41.67	
08/09/2024 07:50	21.02	2.71	84.7	11.43	20.33	0.64	28.42	11.44	30.87	3.98	124.35	29.88	0.94	41.77	
08/09/2024 07:55	21.18	3.2	86.03	11.44	20.17	0.56	30.22	11.44	31.13	4.7	126.44	29.65	0.82	44.42	
08/09/2024 08:00	21.17	3.19	84.1	11.44	19.96	0.35	27.95	11.44	31.11	4.69	123.6	29.34	0.51	41.08	
08/09/2024 08:05	20.91	2.71	85.36	11.43	19.91	0.52	28.39	11.45	30.7	3.99	125.32	29.27	0.76	41.74	
08/09/2024 08:10	21.35	3.12	84.56	11.44	19.8	0.46	30.07	11.44	31.37	4.59	124.25	29.11	0.68	44.2	
08/09/2024 08:15	21.34	2.99	81.26	11.44	20.01	0.41	28.57	11.45	31.36	4.4	119.4	29.42	0.61	42.02	
08/09/2024 08:20	20.95	2.72	85.2	11.43	19.75	0.47	28.38	11.44	30.77	3.99	125.11	29.03	0.69	41.7	
08/09/2024 08:25	21.38	3.2	86.23	11.44	19.69	0.49	29.72	11.44	31.41	4.7	126.68	28.94	0.71	43.68	
08/09/2024 08:30	21.37	3.21	84.48	11.44	19.8	0.31	28.64	11.44	31.39	4.71	124.1	29.1	0.45	42.1	
08/09/2024 08:35	20.95														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/09/2024 10:15	21.05	3.03	84.31	11.46	19.69	0.12	28.7	11.46	30.98	4.45	124.09	29	0.18	42.27	
08/09/2024 10:20	20.95	2.52	83.21	11.45	19.56	0	28.14	11.46	30.82	3.71	122.4	28.8	0	41.43	
08/09/2024 10:25	21.53	2.89	82.8	11.46	19.68	0.21	30.41	11.46	31.71	4.25	121.94	28.98	0.31	44.78	
08/09/2024 10:30	21.48	2.8	80.66	11.46	20.34	0.32	27.77	11.47	31.63	4.13	118.8	29.97	0.48	40.92	
08/09/2024 10:35	20.87	2.52	84.33	11.46	20.25	0	27.73	11.47	30.73	3.71	124.15	29.84	0	40.87	
08/09/2024 10:40	21.42	2.95	83.32	11.47	19.91	0.21	29.36	11.47	31.57	4.34	122.79	29.34	0.31	43.28	
08/09/2024 10:45	21.44	2.87	81.39	11.47	20.25	0.41	26.93	11.47	31.6	4.23	119.96	29.85	0.6	39.69	
08/09/2024 10:50	21	2.5	83.46	11.46	20.63	0.38	27.03	11.47	30.92	3.68	122.91	30.39	0.55	39.83	
08/09/2024 10:55	21.36	2.95	83.52	11.47	20.21	0.4	28.26	11.47	31.48	4.35	123.08	29.79	0.58	41.66	
08/09/2024 11:00	21.34	2.92	81.56	11.47	20.04	0.27	27.37	11.47	31.45	4.31	120.19	29.55	0.4	40.36	
08/09/2024 11:05	20.99	2.44	82.03	11.46	20.3	0.3	28.11	11.48	30.92	3.6	120.84	29.94	0.44	41.46	
08/09/2024 11:10	21.29	2.88	82.6	11.47	20.18	0.34	28.98	11.48	31.4	4.24	121.81	29.78	0.5	42.74	
08/09/2024 11:15	21.19	2.84	81.05	11.47	20.16	0.29	26.81	11.48	31.24	4.19	119.53	29.75	0.42	39.56	
08/09/2024 11:20	20.91	2.4	82.15	11.47	20.25	0	26.03	11.48	30.82	3.54	121.11	29.87	0	38.4	
08/09/2024 11:25	21.51	2.81	82.18	11.48	20.16	0.26	28.12	11.48	31.72	4.15	121.22	29.75	0.39	41.49	
08/09/2024 11:30	21.55	2.79	79.33	11.48	19.84	0.24	26.97	11.48	31.79	4.12	117.02	29.29	0.35	39.81	
08/09/2024 11:35	21.05	2.37	81.47	11.47	20.05	0.48	26.91	11.48	31.02	3.5	120.08	29.59	0.72	39.72	
08/09/2024 11:40	21.44	2.82	81.44	11.48	20.02	0.39	29.04	11.48	31.64	4.16	120.14	29.56	0.58	42.87	
08/09/2024 11:45	21.44	2.87	79.93	11.48	20.52	0.44	26.52	11.49	31.63	4.24	117.92	30.31	0.65	39.15	
08/09/2024 11:50	21.06	2.34	81.05	11.47	20.95	0.72	26.56	11.49	31.05	3.45	119.5	30.95	1.06	39.24	
08/09/2024 11:55	21.36	2.69	79.82	11.48	20.13	0.49	28.53	11.49	31.53	3.97	117.82	29.73	0.72	42.13	
08/09/2024 12:00	21.28	2.62	78.25	11.48	19.89	0.06	26.58	11.49	31.42	3.87	115.5	29.38	0.08	39.26	
08/09/2024 12:05	21.1	2.26	79.19	11.48	19.27	0	25.98	11.48	31.12	3.34	116.81	28.43	0	38.35	
08/09/2024 12:10	21.55	2.64	78.74	11.49	19.51	0.2	28.31	11.49	31.83	3.89	116.28	28.81	0.3	41.81	
08/09/2024 12:15	21.44	2.53	76.35	11.49	19.98	0.07	26.21	11.49	31.66	3.73	112.75	29.51	0.1	38.72	
08/09/2024 12:20	20.96	2.29	80.13	11.48	20.05	0	26.88	11.49	30.94	3.38	118.29	29.61	0	39.69	
08/09/2024 12:25	21.35	2.76	80.07	11.5	19.59	0.17	27.98	11.49	31.55	4.07	118.34	28.95	0.24	41.34	
08/09/2024 12:30	21.31	2.7	78.53	11.5	20.39	0.43	26.42	11.5	31.5	3.99	116.09	30.16	0.63	39.08	
08/09/2024 12:35	20.9	2.42	82.29	11.49	21.05	0.5	26.72	11.51	30.88	3.57	121.59	31.14	0.74	39.54	
08/09/2024 12:40	21.49	2.92	83.46	11.51	20.19	0.4	28.96	11.51	31.8	4.32	123.49	29.88	0.6	42.86	
08/09/2024 12:45	21.44	2.86	82.03	11.51	20.09	0.17	27.28	11.51	31.73	4.24	121.39	29.74	0.26	40.38	
08/09/2024 12:50	21.03	2.48	82.55	11.5	20.33	0.13	26.81	11.51	31.09	3.67	122.03	30.08	0.19	39.67	
08/09/2024 12:55	21.2	2.87	83.02	11.51	20.2	0.3	28.99	11.51	31.37	4.25	122.88	29.91	0.44	42.91	
08/09/2024 13:00	21.08	2.8	80.32	11.51	20.24	0.35	28.04	11.51	31.21	4.15	118.91	29.98	0.52	41.53	
08/09/2024 13:05	20.89	2.53	84.91	11.5	20.22	0	27.48	11.51	30.9	3.74	125.61	29.92	0	40.67	
08/09/2024 13:10	21.36	3.08	84.5	11.51	19.72	0.22	29.91	11.51	31.63	4.55	125.13	29.19	0.32	44.28	
08/09/2024 13:15	21.32	3.06	82.45	11.51	20.03	0.16	27.15	11.52	31.57	4.53	122.1	29.67	0.24	40.21	
08/09/2024 13:20	20.85	2.43	83.17	11.51	20.17	0.14	27.5	11.52	30.85	3.6	123.09	29.88	0.21	40.74	
08/09/2024 13:25	21.23	2.87	84	11.52	19.89	0.32	31.18	11.52	31.45	4.25	124.44	29.47	0.48	46.2	
08/09/2024 13:30	21.21	2.81	82.13	11.52	20.11	0.22	27.74	11.52	31.43	4.16	121.66	29.8	0.33	41.11	
08/09/2024 13:35	20.99	2.42	83.55	11.51	20.11	0.27	27.45	11.52	31.07	3.58	123.67	29.8	0.39	40.68	
08/09/2024 13:40	21.26	2.8	82.74	11.52	19.56	0.27	30.68	11.52	31.5	4.15	122.6	28.99	0.4	45.46	
08/09/2024 13:45	21.13	2.68	80.31	11.52	20.21	0.42	27.46	11.52	31.31	3.98	119.01	29.96	0.63	40.71	
08/09/2024 13:50	20.86	2.4	82.63	11.51	19.98	0.11	27.98	11.52	30.88	3.56	122.32	29.63	0.16	41.48	
08/09/2024 13:55	21.28	2.88	82.71	11.52	19.67	0.28	30.13	11.52	31.53	4.27	122.56	29.15	0.41	44.64	
08/09/2024 14:00	21.14	2.84	80.72	11.52	19.88	0.23	27.49	11.52	31.33	4.21	119.62	29.45	0.34	40.73	
08/09/2024 14:05	20.93	2.41	83.75	11.51	20.58	0.63	27.92	11.52	30.98	3.57	123.95	30.5	0.93	41.38	
08/09/2024 14:10	21.53	2.9	84.37	11.52	19.8	0.5	31.23	11.52	31.9	4.3	125	29.34	0.74	46.28	
08/09/2024 14:15	21.51	2.79	81.55	11.52	19.92	0.21	28.41	11.53	31.87	4.13	120.81	29.54	0.32	42.13	
08/09/2024 14:20	20.94	2.52	84.49	11.51	20.09	0.2	29	11.52	31	3.72	125.07	29.79	0.3	42.99	
08/09/2024 14:25	21.28	3	85.89	11.52	19.16	0.26	30.41	11.52	31.56	4.44	127.35	28.39	0.39	45.06	
08/09/2024 14:30	21.14	2.89	83.66	11.53	20.01	0.4	28.67	11.53	31.34	4.29	124.05	29.67	0.59	42.51	
08/09/2024 14:35	20.67	2.69	87.51	11.51	19.75	0.09	28.86	11.52	30.61	3.98	129.59	29.28	0.14	42.78	
08/09/2024 14:40	21.24	3.17	87.83	11.52	19.35	0.24	31.08	11.52	31.47	4.69	130.15	28.68	0.35	46.07	
08/09/2024 14:45	21.19	3.12	85.77	11.52	19.58	0.11	29.41	11.52	31.4	4.62	127.1	29.03	0.17	43.59	
08/09/2024 14:50	20.65	2.74	88.4	11.51	20.02	0.19	28.91	11.52	30.57	4.06	130.82	29.65	0.28	42.82	
08/09/2024 14:55	21.11	3.21	88.55	11.52	19.62	0.31	31.68	11.52	31.28	4.75	131.2	29.07	0.45	46.95	
08/09/2024 15:00	21.08	3.12	85.69	11.52	19.74	0.32	30.09	11.52	31.23	4.63	126.96	29.26	0.47	44.61	
08/09/2024 15:05	20.73	2.82	88.79	11.51	20.13	0.61	29.84	11.53	30.7	4.17	131.49	29.84	0.9	44.26	
08/09/2024 15:10	21	3.21	89.09	11.52	19.59	0.48	32.24	11.53	31.12	4.76	132.04	29.05	0.72	47.8	
08/09/2024 15:15	20.89	3.13	88.7	11.52	19.77	0.32	30.29	11.53	30.96	4.64	131.45	29.32	0.48	44.93	
08/09/2024 15:20	20.83	2.82	88.9	11.52	20.02	0.39	30.19	11.53	30.85	4.17	131.69	29.69	0.58	44.77	
08/09/2024 15:25	21.15	3.16	87.26	11.52	19.48	0.35	31.79	11.53	31.35	4.69	129.36	28.89	0.52	47.13	
08/09/2024 15:30	21.03	3.07	84.53	11.52	20.03	0.37	29.18	11.53	31.17	4.54	125.31	29.72	0.55	43.29	
08/09/2024 15:35	20.71	2.62	85.72	11.52	19.72	0.22	28.5	11.53	30.67	3.89	126.99	29.25	0.32	42.27	
08/09/2024 15:40	21.24	3.14	85.95	11.53	19.87	0.36	30.6	11.53	31.5	4.65	127.48	29.47	0.54	45.38	
08/09/2024 15:45	21.17	3.15	84.4	11.53	20.27	0.56	28.72	11.53	31.4	4.66	125.17	30.08	0.83	42.63	
08/09/2024 15:50	20.66	2.58	86.98	11.52	19.69	0.19	29.03	11.53	30.62	3.82	128.92	29.21	0.28	43.08	
08/09/2024 15:55	21.11	3.16	86.48	11.53	19.19	0.32	32	11.53	31.31	4.68	128.26	28.46	0.47	47.46	
08/09/2024 16:00	20.97	3.09	84.1	11.53	20.11	0.47	28.7	11.53	31.1	4.59	124.7	29.84	0.69	42.6	
08/09/2024 16:05	20.69	2.58	86.44	11.52	19.31	0	28.8	11.53	30.66	3.83	128.06	28.64	0	42.7	
08/09/2024 16:10	21.19	3.03	86.95	11.53	19.62	0.23	30.42	11.53	31.42	4.5	128.97	29.1	0.34	45.13	
08/09/2024 16:15	21.18	2.99	85.39	11.53	20.04	0.32	28.24	11.53	31.41	4.43	126.67	29.74	0.47	41.91	
08/09/2024 16:20	20.81	2.69													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/09/2024 18:00	21.13	2.61	74.47	11.47	19.63	0.54	30.96	11.51	31.15	3.85	109.79	29.06	0.8	45.82	
08/09/2024 18:05	20.87	2.33	78.88	11.47	19.48	0.41	30.63	11.5	30.75	3.43	116.22	28.82	0.6	45.3	
08/09/2024 18:10	21.09	3.13	86.71	11.49	17.63	0.52	37.39	11.51	31.15	4.62	128.05	26.08	0.77	55.32	
08/09/2024 18:15	20.79	3.11	85.62	11.49	16.32	0.85	37.79	11.51	30.71	4.59	126.43	24.17	1.26	55.95	
08/09/2024 18:20	20.74	2.91	90.68	11.48	16.67	0.72	35.61	11.5	30.6	4.3	133.78	24.66	1.06	52.67	
08/09/2024 18:25	21.35	3.44	92.71	11.49	16.44	0.7	41.83	11.51	31.52	5.08	136.88	24.33	1.04	61.91	
08/09/2024 18:30	21.14	3.44	91.14	11.48	16.01	1.08	42.49	11.51	31.21	5.08	134.54	23.71	1.59	62.92	
08/09/2024 18:35	20.7	3	91.53	11.47	16.03	1.28	41.06	11.51	30.52	4.42	134.97	23.74	1.9	60.8	
08/09/2024 18:40	21.27	3.43	91.63	11.48	17.84	0.81	36.71	11.48	31.37	5.05	135.16	26.31	1.2	54.21	
08/09/2024 18:45	21.24	3.43	89.69	11.47	19.58	0.42	27.14	11.45	31.32	5.05	132.27	28.8	0.62	39.92	
08/09/2024 18:50	20.92	2.89	90.29	11.46	19.67	0.42	26.8	11.45	30.8	4.26	132.94	28.93	0.62	39.4	
08/09/2024 18:55	21.39	3.36	90.38	11.47	19.33	0.46	31.1	11.45	31.51	4.95	133.16	28.43	0.68	45.74	
08/09/2024 19:00	21.36	3.33	88.02	11.47	19.51	0.48	29.38	11.44	31.47	4.9	129.68	28.67	0.7	43.17	
08/09/2024 19:05	20.81	3.08	93.47	11.45	19.86	0.61	29.41	11.44	30.62	4.53	137.53	29.17	0.9	43.2	
08/09/2024 19:10	21.06	3.44	91.62	11.46	19.88	0.49	32.19	11.45	31.01	5.06	134.91	29.25	0.73	47.35	
08/09/2024 19:15	21.01	3.36	89.04	11.46	20.06	0.32	28.51	11.46	30.93	4.95	131.11	29.53	0.46	41.97	
08/09/2024 19:20	20.34	3.26	96.11	11.45	20.61	0.53	28.47	11.45	29.92	4.79	141.41	30.33	0.78	41.9	
08/09/2024 19:25	21.21	3.43	91.98	11.45	19.92	0.55	32.67	11.46	31.2	5.05	135.33	29.32	0.8	48.08	
08/09/2024 19:30	21.05	3.33	89.39	11.45	19.75	0.56	31.18	11.46	30.97	4.91	131.53	29.06	0.82	45.89	
08/09/2024 19:35	20.78	3.07	93.16	11.44	19.83	0.63	30.77	11.45	30.53	4.51	136.87	29.17	0.92	45.26	
08/09/2024 19:40	21.3	3.36	91.17	11.44	19.7	0.53	32.68	11.45	31.29	4.94	133.96	28.97	0.78	48.06	
08/09/2024 19:45	21.36	3.31	88.45	11.44	20	0.45	29.69	11.45	31.38	4.86	129.95	29.4	0.66	43.65	
08/09/2024 19:50	20.99	2.85	88.03	11.43	20.23	0.61	31.53	11.45	30.82	4.19	129.23	29.75	0.9	46.36	
08/09/2024 19:55	21.34	3.33	88.9	11.44	19.87	0.55	32.58	11.44	31.35	4.9	130.62	29.2	0.8	47.9	
08/09/2024 20:00	21.27	3.25	86.62	11.44	19.83	0.5	29.48	11.44	31.25	4.77	127.28	29.16	0.74	43.34	
08/09/2024 20:05	21.04	2.92	88.58	11.43	19.92	0.56	28.98	11.44	30.88	4.29	130	29.28	0.83	42.6	
08/09/2024 20:10	21.37	3.31	89.38	11.43	19.82	0.46	30.62	11.44	31.38	4.86	131.25	29.12	0.68	44.98	
08/09/2024 20:15	21.4	3.23	86.7	11.43	20.16	0.48	28.32	11.44	31.42	4.74	127.31	29.62	0.71	41.6	
08/09/2024 20:20	21.04	2.79	86.74	11.42	20.48	0.53	28.53	11.44	30.86	4.09	127.21	30.09	0.78	41.91	
08/09/2024 20:25	21.3	3.34	87.5	11.43	19.95	0.46	30.39	11.43	31.26	4.9	128.4	29.3	0.68	44.63	
08/09/2024 20:30	21.27	3.33	85.9	11.43	20.14	0.5	29.33	11.43	31.21	4.89	126.05	29.56	0.74	43.05	
08/09/2024 20:35	21.01	2.98	87.93	11.42	20.45	0.59	28.95	11.43	30.8	4.37	128.88	30.03	0.87	42.52	
08/09/2024 20:40	21.4	3.29	88.14	11.42	20.13	0.6	31.46	11.43	31.39	4.83	129.3	29.54	0.88	46.18	
08/09/2024 20:45	21.34	3.21	85.85	11.42	20.04	0.49	28.91	11.43	31.3	4.71	125.94	29.42	0.72	42.43	
08/09/2024 20:50	20.83	2.97	88.77	11.42	20.13	0.47	28.56	11.43	30.53	4.35	130.1	29.53	0.69	41.92	
08/09/2024 20:55	21.1	3.45	89.55	11.42	19.84	0.53	32.61	11.43	30.95	5.06	131.33	29.11	0.78	47.84	
08/09/2024 21:00	21.06	3.44	86.75	11.42	20.1	0.5	30.01	11.43	30.88	5.04	127.2	29.49	0.73	44.04	
08/09/2024 21:05	20.91	3.05	89.59	11.41	20.11	0.61	29.63	11.43	30.64	4.46	131.28	29.51	0.89	43.47	
08/09/2024 21:10	21.15	3.44	90.15	11.42	19.8	0.53	32.22	11.42	31	5.05	132.14	29.05	0.78	47.26	
08/09/2024 21:15	21.11	3.35	87.87	11.42	20.07	0.52	30.19	11.42	30.95	4.91	128.8	29.43	0.77	44.28	
08/09/2024 21:20	20.81	3	89.06	11.41	20.27	0.63	30.56	11.42	30.49	4.39	130.45	29.73	0.92	44.83	
08/09/2024 21:25	21.07	3.41	89.41	11.42	19.88	0.49	31.71	11.42	30.89	5	131.09	29.15	0.72	46.49	
08/09/2024 21:30	20.91	3.3	86.93	11.42	19.92	0.51	29.42	11.42	30.66	4.84	127.47	29.22	0.75	43.16	
08/09/2024 21:35	20.76	2.9	88.09	11.41	19.95	0.56	28.72	11.43	30.41	4.24	129.07	29.27	0.83	42.13	
08/09/2024 21:40	21.28	3.26	87.53	11.42	19.92	0.49	30.82	11.43	31.2	4.79	128.37	29.23	0.71	45.21	
08/09/2024 21:45	21.25	3.21	84.49	11.42	19.92	0.39	28.86	11.42	31.16	4.71	123.92	29.21	0.57	42.33	
08/09/2024 21:50	20.89	2.9	88.18	11.41	19.86	0.58	28.88	11.42	30.58	4.24	129.13	29.12	0.85	42.34	
08/09/2024 21:55	21.05	3.36	88.68	11.42	19.78	0.51	30.9	11.42	30.85	4.92	129.96	29	0.75	45.3	
08/09/2024 22:00	20.95	3.3	86.74	11.42	19.98	0.52	29.33	11.42	30.7	4.83	127.12	29.3	0.76	43.01	
08/09/2024 22:05	20.93	3.01	89.29	11.41	19.72	0.33	30.14	11.42	30.65	4.41	130.77	28.91	0.48	44.19	
08/09/2024 22:10	21.32	3.39	89.3	11.42	19.91	0.45	32.15	11.42	31.24	4.97	130.9	29.2	0.66	47.14	
08/09/2024 22:15	21.3	3.3	87.19	11.42	20.1	0.4	29.3	11.42	31.22	4.84	127.81	29.48	0.59	42.97	
08/09/2024 22:20	20.76	2.91	88.84	11.41	20.39	0.53	29.06	11.42	30.42	4.26	130.16	29.9	0.78	42.62	
08/09/2024 22:25	21.3	3.31	88.72	11.42	20.04	0.48	30.99	11.42	31.22	4.86	130.05	29.39	0.71	45.44	
08/09/2024 22:30	21.32	3.27	85.38	11.42	20.1	0.38	28.89	11.42	31.25	4.8	125.14	29.47	0.56	42.35	
08/09/2024 22:35	21.03	2.92	87.31	11.41	20.36	0.42	28.55	11.42	30.8	4.27	127.87	29.84	0.62	41.84	
08/09/2024 22:40	21.2	3.21	86.95	11.42	20.04	0.43	30.55	11.42	31.08	4.71	127.48	29.38	0.63	44.79	
08/09/2024 22:45	21.12	3.12	85.03	11.42	20.29	0.61	29.4	11.42	30.97	4.57	124.66	29.76	0.89	43.12	
08/09/2024 22:50	20.98	2.9	88.16	11.41	19.86	0.48	29.8	11.42	30.73	4.24	129.11	29.12	0.71	43.69	
08/09/2024 22:55	21.19	3.28	87.86	11.41	19.86	0.53	32.54	11.42	31.06	4.81	128.74	29.13	0.78	47.71	
08/09/2024 23:00	21.1	3.26	85.5	11.41	20.06	0.45	28.62	11.42	30.91	4.77	125.28	29.41	0.65	41.97	
08/09/2024 23:05	20.96	2.88	88.03	11.41	20.17	0.47	27.56	11.42	30.69	4.22	128.93	29.57	0.69	40.4	
08/09/2024 23:10	21.34	3.35	88.91	11.41	20.07	0.54	30.15	11.42	31.27	4.91	130.28	29.42	0.79	44.2	
08/09/2024 23:15	21.31	3.3	86.75	11.41	20.12	0.49	28.87	11.42	31.23	4.83	127.12	29.5	0.71	42.33	
08/09/2024 23:20	20.83	2.94	89.13	11.41	19.94	0.41	29.3	11.42	30.51	4.31	130.54	29.22	0.6	42.94	
08/09/2024 23:25	21.25	3.36	89.81	11.42	19.92	0.54	33.23	11.42	31.15	4.93	131.64	29.21	0.8	48.72	
08/09/2024 23:30	21.22	3.27	87.6	11.42	20.05	0.63	29.68	11.42	31.11	4.79	128.42	29.41	0.92	43.53	
08/09/2024 23:35	20.87	2.99	88.76	11.41	20.34	0.77	29.3	11.42	30.55	4.37	129.95	29.84	1.12	42.97	
08/09/2024 23:40	21.24	3.43	88.44	11.42	19.98	0.63	31.5	11.42	31.13	5.03	129.61	29.29	0.92	46.19	
08/09/2024 23:45	21.23	3.36	86.08	11.42	20.23	0.61	29.29	11.42	31.12	4.93	126.17	29.65	0.89	42.94	
08/09/2024 23:50	20.91	3.01	88.22	11.4	20.55	0.75	29.52	11.42	30.6	4.41	129.13	30.13	1.1	43.28	
08/09/2024 23:55	21.17	3.34	87.65	11.41	20	0.54	30.25	11.42	31	4.89	128.36	29.31	0.79	44.33	
09/09/2024 00:00	21.06	3.3	85.31	11.41	20.14	0.52	28.75	11.41	30.84	4.84	124.94	29.51	0.76	42.13	
09/09/2024 00:05	20.91	3.01	88.9												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/09/2024 01:45	21.4	3.36	86.49	11.4	20.3	0.67	30.24	11.41	31.32	4.92	126.58	29.73	0.98	44.28	
09/09/2024 01:50	21	3.09	90.48	11.4	20.52	0.73	29.48	11.4	30.72	4.52	132.34	30.03	1.08	43.16	
09/09/2024 01:55	21.21	3.46	90.15	11.4	20.34	0.68	32.04	11.41	31.05	5.06	131.94	29.79	0.99	46.92	
09/09/2024 02:00	21.17	3.37	87.13	11.4	20.22	0.55	29.4	11.41	30.99	4.93	127.52	29.6	0.81	43.05	
09/09/2024 02:05	20.96	3.07	89.04	11.39	21	1.25	29.55	11.41	30.65	4.49	130.2	30.76	1.83	43.27	
09/09/2024 02:10	21.41	3.35	87.98	11.4	20.33	0.78	30.29	11.41	31.34	4.91	128.77	29.76	1.14	44.35	
09/09/2024 02:15	21.42	3.27	84.49	11.4	20.2	0.59	28.41	11.41	31.36	4.79	123.68	29.58	0.87	41.6	
09/09/2024 02:20	21.04	2.97	86.76	11.4	21.06	1.2	29.13	11.41	30.77	4.35	126.9	30.86	1.76	42.67	
09/09/2024 02:25	21.33	3.39	87.96	11.4	20.74	0.91	31.65	11.41	31.22	4.97	128.76	30.38	1.34	46.35	
09/09/2024 02:30	21.32	3.3	85.14	11.4	20.13	0.42	28.96	11.41	31.22	4.84	124.64	29.47	0.61	42.4	
09/09/2024 02:35	21.04	3.04	88.29	11.4	20.45	0.72	28.45	11.41	30.78	4.44	129.14	29.95	1.05	41.66	
09/09/2024 02:40	21.28	3.36	86.92	11.41	20.12	0.61	30.39	11.41	31.15	4.91	127.25	29.47	0.9	44.49	
09/09/2024 02:45	21.2	3.25	84.34	11.41	20.33	0.6	28.3	11.41	31.04	4.75	123.48	29.77	0.89	41.45	
09/09/2024 02:50	21.1	3.03	88.13	11.4	20.67	0.81	27.64	11.41	30.87	4.44	128.92	30.27	1.19	40.47	
09/09/2024 02:55	21.33	3.39	88.68	11.4	20.08	0.59	30.76	11.41	31.21	4.96	129.77	29.39	0.87	45.03	
09/09/2024 03:00	21.22	3.29	86.51	11.4	20.33	0.75	30.27	11.41	31.04	4.82	126.58	29.78	1.1	44.34	
09/09/2024 03:05	20.99	3.02	88.63	11.39	20.16	0.73	30.66	11.41	30.7	4.42	129.61	29.52	1.08	44.9	
09/09/2024 03:10	21.38	3.44	88.12	11.4	19.86	0.7	32.54	11.4	31.3	5.04	128.99	29.07	1.03	47.64	
09/09/2024 03:15	21.32	3.34	85.26	11.4	19.9	0.52	28.94	11.4	31.21	4.89	124.78	29.12	0.75	42.36	
09/09/2024 03:20	21.11	3.09	87.74	11.39	20.34	0.8	28.45	11.4	30.87	4.52	128.3	29.77	1.17	41.63	
09/09/2024 03:25	21.31	3.42	88.88	11.4	20.07	0.62	30.96	11.4	31.19	5.01	130.05	29.37	0.91	45.31	
09/09/2024 03:30	21.23	3.33	86.85	11.4	20.13	0.6	29.39	11.41	31.07	4.88	127.08	29.48	0.88	43.02	
09/09/2024 03:35	20.89	3.08	89.23	11.4	20.42	0.83	29.88	11.41	30.56	4.51	130.49	29.91	1.21	43.75	
09/09/2024 03:40	21.35	3.48	88.71	11.4	20.16	0.68	31.38	11.41	31.25	5.09	129.81	29.53	0.99	45.95	
09/09/2024 03:45	21.32	3.47	86.56	11.4	20.21	0.7	29.15	11.41	31.2	5.07	126.67	29.59	1.02	42.69	
09/09/2024 03:50	21.13	3.13	89.51	11.4	20	0.78	28.91	11.4	30.9	4.58	130.92	29.28	1.14	42.32	
09/09/2024 03:55	21.37	3.59	90.46	11.41	20.01	0.66	31.44	11.41	31.29	5.26	132.43	29.29	0.97	46.03	
09/09/2024 04:00	21.29	3.55	88.61	11.41	20.13	0.75	30.35	11.41	31.16	5.2	129.73	29.48	1.1	44.46	
09/09/2024 04:05	20.92	3.13	90.56	11.39	20.28	0.88	30.52	11.41	30.58	4.58	132.41	29.7	1.28	44.69	
09/09/2024 04:10	21.3	3.5	90.22	11.4	19.94	0.67	32.17	11.4	31.16	5.13	131.98	29.19	0.98	47.09	
09/09/2024 04:15	21.29	3.41	87.73	11.4	20.13	0.65	28.96	11.41	31.15	4.99	128.32	29.47	0.96	42.4	
09/09/2024 04:20	21.07	2.95	87.09	11.39	20	0.69	29.47	11.41	30.81	4.32	127.33	29.28	1.01	43.15	
09/09/2024 04:25	21.43	3.39	87.01	11.4	19.88	0.57	31.04	11.4	31.34	4.95	127.28	29.09	0.84	45.43	
09/09/2024 04:30	21.35	3.27	84.46	11.4	20.31	0.63	28.09	11.4	31.22	4.79	123.54	29.73	0.93	41.12	
09/09/2024 04:35	21.02	3.08	88.29	11.39	20.38	0.78	28.64	11.4	30.73	4.5	129.1	29.82	1.14	41.92	
09/09/2024 04:40	21.37	3.43	88.87	11.4	20.19	0.71	32.24	11.41	31.27	5.02	130.06	29.56	1.04	47.19	
09/09/2024 04:45	21.33	3.31	86.18	11.4	20.26	0.65	29.24	11.41	31.21	4.85	126.13	29.67	0.95	42.82	
09/09/2024 04:50	20.98	3.05	87.51	11.4	20.38	0.72	28.8	11.41	30.69	4.46	128.01	29.83	1.05	42.16	
09/09/2024 04:55	21.23	3.42	87.17	11.4	19.95	0.57	30.91	11.4	31.07	5.01	127.56	29.2	0.84	45.24	
09/09/2024 05:00	21.13	3.38	84.96	11.4	20.17	0.62	29.16	11.41	30.91	4.95	124.3	29.52	0.91	42.69	
09/09/2024 05:05	20.89	3.04	88.89	11.39	20.13	0.77	29.25	11.4	30.54	4.45	129.94	29.45	1.12	42.8	
09/09/2024 05:10	21.28	3.45	89.43	11.4	19.89	0.63	31.89	11.4	31.14	5.05	130.86	29.11	0.92	46.68	
09/09/2024 05:15	21.22	3.41	85.73	11.4	20.13	0.66	29.89	11.41	31.05	4.99	125.45	29.47	0.97	43.76	
09/09/2024 05:20	20.91	3.11	89.43	11.39	20.36	0.81	30.38	11.41	30.56	4.54	130.73	29.81	1.19	44.47	
09/09/2024 05:25	21.29	3.51	89.4	11.4	20.04	0.6	33.15	11.41	31.15	5.14	130.78	29.34	0.88	48.52	
09/09/2024 05:30	21.23	3.42	86.96	11.4	19.94	0.54	29.82	11.41	31.06	5	127.22	29.2	0.8	43.66	
09/09/2024 05:35	21.12	3.14	88.87	11.39	19.81	0.58	29.94	11.41	30.87	4.59	129.9	29.01	0.85	43.83	
09/09/2024 05:40	21.44	3.51	89.43	11.4	19.7	0.54	31.85	11.4	31.36	5.13	130.79	28.84	0.79	46.62	
09/09/2024 05:45	21.43	3.5	88.43	11.4	20.15	0.67	29.24	11.4	31.34	5.12	129.33	29.5	0.98	42.8	
09/09/2024 05:50	20.99	3.07	88.48	11.4	20.45	0.7	29.59	11.4	30.69	4.49	129.4	29.93	1.03	43.31	
09/09/2024 05:55	21.41	3.48	88.33	11.4	20.27	0.63	30.09	11.4	31.32	5.1	129.25	29.67	0.92	44.03	
09/09/2024 06:00	21.4	3.41	86.23	11.4	20.16	0.6	29.3	11.4	31.32	4.99	126.17	29.5	0.87	42.88	
09/09/2024 06:05	20.98	3.13	88.95	11.39	20.09	0.58	29.69	11.4	30.67	4.58	130.04	29.41	0.85	43.44	
09/09/2024 06:10	21.33	3.53	89.76	11.4	19.88	0.62	33.5	11.4	31.2	5.16	131.29	29.1	0.91	49.03	
09/09/2024 06:15	21.22	3.51	86.73	11.4	20.15	0.74	29.8	11.4	31.03	5.13	126.86	29.49	1.08	43.63	
09/09/2024 06:20	21.03	3.16	89.48	11.39	20.45	0.84	30.55	11.4	30.73	4.62	130.77	29.94	1.24	44.71	
09/09/2024 06:25	21.35	3.48	89.67	11.4	20.05	0.67	32.19	11.4	31.22	5.09	131.15	29.35	0.98	47.1	
09/09/2024 06:30	21.27	3.34	86.52	11.4	20.03	0.71	30.14	11.4	31.12	4.89	126.57	29.31	1.04	44.11	
09/09/2024 06:35	20.89	3.17	89.83	11.39	20.27	0.77	30.03	11.4	30.54	4.63	131.29	29.65	1.12	43.94	
09/09/2024 06:40	21.21	3.52	90.17	11.4	19.97	0.62	32.43	11.4	31.03	5.15	131.92	29.22	0.91	47.45	
09/09/2024 06:45	21.09	3.45	88.51	11.4	20.02	0.66	28.35	11.4	30.85	5.05	129.5	29.3	0.96	41.48	
09/09/2024 06:50	21.06	3.11	88.29	11.39	20.25	0.73	28.16	11.4	30.78	4.54	129.03	29.62	1.07	41.18	
09/09/2024 06:55	21.42	3.51	88.87	11.4	19.95	0.59	30.56	11.4	31.34	5.14	130.02	29.19	0.86	44.71	
09/09/2024 07:00	21.43	3.39	86.04	11.4	20.16	0.64	29.68	11.4	31.36	4.97	125.88	29.5	0.94	43.44	
09/09/2024 07:05	20.88	3.12	89.59	11.39	20.03	0.55	29.41	11.4	30.51	4.55	130.88	29.3	0.8	43.01	
09/09/2024 07:10	21.06	3.46	89.43	11.39	19.88	0.55	31.75	11.39	30.77	5.06	130.66	29.06	0.81	46.42	
09/09/2024 07:15	21	3.44	87.58	11.39	20.08	0.71	29.65	11.39	30.68	5.02	127.96	29.35	1.03	43.35	
09/09/2024 07:20	20.86	3.06	89.95	11.38	20.3	0.81	29.94	11.39	30.46	4.47	131.32	29.67	1.19	43.77	
09/09/2024 07:25	21.13	3.49	90.66	11.39	19.97	0.67	31.78	11.39	30.88	5.1	132.47	29.2	0.99	46.45	
09/09/2024 07:30	21.09	3.43	87.68	11.39	19.97	0.56	30.05	11.39	30.82	5.01	128.13	29.2	0.82	43.93	
09/09/2024 07:35	20.84	3.24	92.08	11.38	20.05	0.52	30.33	11.39	30.43	4.74	134.47	29.31	0.75	44.34	
09/09/2024 07:40	20.85	3.58	92.35	11.39	19.76	0.54	32.69	11.39	30.47	5.23	134.95	28.9	0.79	47.79	
09/09/2024 07:45	20.68	3.48	90.4	11.39	20.05	0.65	30.22	11.39	30.22	5.09	132.09	29.31	0.95	44.19	
09/09/2024 07:50	20.86	3.28	92.74	11.38</											



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/09/2024 09:30	21.06	3.21	85.33	11.4	20.3	0.57	29.32	11.4	30.79	4.69	124.79	29.7	0.84	42.9	
09/09/2024 09:35	21	2.82	87.47	11.39	20.78	0.84	29.27	11.4	30.69	4.12	127.83	30.41	1.24	42.83	
09/09/2024 09:40	21.36	3.19	86.93	11.4	20.45	0.68	31.52	11.4	31.25	4.67	127.18	29.94	0.99	46.13	
09/09/2024 09:45	21.21	3.13	85.7	11.4	20.13	0.37	28.98	11.41	31.03	4.58	125.39	29.46	0.54	42.42	
09/09/2024 09:50	21.04	2.81	87.02	11.4	20.53	0.48	28.2	11.41	30.77	4.12	127.3	30.06	0.71	41.29	
09/09/2024 09:55	21.48	3.14	85.5	11.41	20.32	0.51	30.78	11.41	31.45	4.6	125.17	29.76	0.75	45.08	
09/09/2024 10:00	21.48	3.07	83.38	11.41	19.71	0.16	29.13	11.41	31.45	4.5	122.07	28.88	0.23	42.68	
09/09/2024 10:05	21.01	2.78	86.68	11.4	19.77	0.28	29.92	11.41	30.75	4.06	126.88	28.96	0.41	43.85	
09/09/2024 10:10	21.39	3.14	85.65	11.41	19.39	0.32	31.19	11.41	31.32	4.6	125.42	28.41	0.47	45.68	
09/09/2024 10:15	21.39	3.08	82.29	11.41	20.24	0.43	29.01	11.41	31.32	4.51	120.49	29.66	0.64	42.51	
09/09/2024 10:20	20.99	2.85	87.04	11.4	20.97	1	28.91	11.41	30.72	4.17	127.38	30.73	1.47	42.36	
09/09/2024 10:25	21.4	3.3	87.57	11.41	20.18	0.68	31.43	11.41	31.34	4.83	128.28	29.57	1	46.05	
09/09/2024 10:30	21.27	3.22	85.49	11.41	19.85	0.31	29.74	11.42	31.15	4.71	125.22	29.1	0.46	43.58	
09/09/2024 10:35	21	2.74	86.65	11.4	19.7	0	29.66	11.41	30.75	4.01	126.84	28.86	0	43.44	
09/09/2024 10:40	21.29	3.17	86.51	11.41	19.65	0.18	30.12	11.41	31.19	4.65	126.76	28.79	0.26	44.13	
09/09/2024 10:45	21.17	3.07	84.08	11.41	20.15	0.3	29.61	11.42	31.02	4.5	123.21	29.56	0.43	43.43	
09/09/2024 10:50	20.98	2.77	87.22	11.41	20.36	0.28	29.27	11.42	30.73	4.06	127.74	29.86	0.41	42.92	
09/09/2024 10:55	21.32	3.21	87.86	11.42	19.8	0.41	32.74	11.42	31.27	4.71	128.86	29.05	0.6	48.02	
09/09/2024 11:00	21.29	3.16	84.89	11.42	19.9	0.3	30	11.43	31.23	4.63	124.51	29.02	0.44	44.02	
09/09/2024 11:05	20.88	2.74	86.74	11.42	20.23	0.36	28.88	11.43	30.61	4.02	127.16	29.68	0.53	42.36	
09/09/2024 11:10	21.31	3.13	86.24	11.43	19.86	0.43	32	11.43	31.28	4.59	126.57	29.15	0.63	46.97	
09/09/2024 11:15	21.18	3	83.87	11.43	19.99	0.23	29.03	11.44	31.09	4.41	123.1	29.36	0.33	42.64	
09/09/2024 11:20	20.81	2.77	87.66	11.43	19.64	0	29.77	11.44	30.54	4.06	128.69	28.85	0	43.72	
09/09/2024 11:25	21.34	3.21	87.7	11.44	19.98	0.33	32.98	11.44	31.37	4.71	128.91	29.37	0.49	48.48	
09/09/2024 11:30	21.32	3.14	84.48	11.44	20.1	0.32	30.11	11.45	31.34	4.62	124.18	29.57	0.47	44.29	
09/09/2024 11:35	20.8	2.83	87.87	11.44	19.63	0	30.98	11.45	30.58	4.15	129.17	28.87	0	45.57	
09/09/2024 11:40	21.25	3.31	88.69	11.45	19.51	0.21	32.21	11.45	31.27	4.88	130.51	28.71	0.31	47.38	
09/09/2024 11:45	21.17	3.22	86.44	11.46	19.91	0.21	30.19	11.46	31.16	4.74	127.22	29.32	0.31	44.46	
09/09/2024 11:50	20.86	2.83	88.91	11.45	20.23	0.33	30.66	11.46	30.68	4.17	130.81	29.8	0.48	45.15	
09/09/2024 11:55	21.3	3.22	88.66	11.46	19.5	0.37	32.54	11.46	31.36	4.74	130.5	28.72	0.54	47.93	
09/09/2024 12:00	21.25	3.15	87.21	11.46	20.02	0.41	29.72	11.46	31.28	4.64	128.36	29.49	0.61	43.79	
09/09/2024 12:05	20.81	2.88	88.65	11.45	20.16	0.72	30.23	11.46	30.62	4.24	130.44	29.69	1.06	44.54	
09/09/2024 12:10	21.16	3.24	89.2	11.47	19.66	0.51	33.81	11.46	31.18	4.77	131.44	28.96	0.76	49.8	
09/09/2024 12:15	21.08	3.12	87.42	11.47	19.59	0.2	30.63	11.47	31.07	4.59	128.82	28.86	0.29	45.13	
09/09/2024 12:20	20.87	2.88	89.6	11.46	19.77	0.44	30.72	11.47	30.71	4.24	131.86	29.13	0.65	45.27	
09/09/2024 12:25	21.12	3.23	88.9	11.46	19.42	0.39	33.04	11.47	31.11	4.76	130.95	28.62	0.58	48.69	
09/09/2024 12:30	21.08	3.19	86.59	11.46	20.05	0.48	30.56	11.47	31.05	4.71	127.55	29.56	0.7	45.05	
09/09/2024 12:35	20.88	2.79	89.23	11.46	20.94	1.03	31.06	11.48	30.74	4.11	131.38	30.89	1.52	45.83	
09/09/2024 12:40	21.01	3.25	90.35	11.47	19.81	0.65	32.43	11.47	30.96	4.79	133.12	29.21	0.95	47.81	
09/09/2024 12:45	20.77	3.1	87.75	11.46	19.78	0.41	30.1	11.47	30.6	4.57	129.28	29.15	0.6	44.37	
09/09/2024 12:50	20.88	2.87	90.71	11.45	19	0	29.44	11.46	30.73	4.22	133.5	27.98	0	43.35	
09/09/2024 12:55	21.3	3.31	89.92	11.47	19.33	0.24	31.36	11.47	31.38	4.87	132.48	28.48	0.35	46.21	
09/09/2024 13:00	21.21	3.23	88.2	11.47	19.83	0.38	29.59	11.47	31.24	4.76	129.94	29.23	0.56	43.61	
09/09/2024 13:05	20.96	2.73	88.05	11.46	19.13	0	28.98	11.46	30.85	4.02	129.62	28.17	0	42.69	
09/09/2024 13:10	21.09	3.23	88.99	11.46	18.86	0.26	32.55	11.46	31.06	4.76	131.1	27.78	0.39	47.95	
09/09/2024 13:15	20.85	3.1	86.89	11.46	19.48	0.4	30.16	11.47	30.71	4.57	128	28.73	0.59	44.46	
09/09/2024 13:20	20.8	2.86	88.92	11.46	18.45	0	30.55	11.47	30.62	4.21	130.87	27.19	0	45.01	
09/09/2024 13:25	21.37	3.35	89.47	11.46	18.97	0.28	33.69	11.47	31.48	4.94	131.8	27.95	0.42	49.65	
09/09/2024 13:30	21.38	3.3	87.39	11.47	19.79	0.53	30.78	11.47	31.51	4.86	128.76	29.17	0.78	45.37	
09/09/2024 13:35	20.89	2.82	89.04	11.46	20.23	0.92	30.77	11.47	30.75	4.15	131.06	29.82	1.36	45.34	
09/09/2024 13:40	21.29	3.33	89.99	11.46	19.85	0.71	33	11.47	31.37	4.9	132.57	29.27	1.04	48.64	
09/09/2024 13:45	21.14	3.29	88.22	11.47	19.53	0.44	29.71	11.47	31.15	4.84	129.97	28.79	0.65	43.79	
09/09/2024 13:50	20.98	2.85	88.85	11.45	20.09	0.61	29.66	11.47	30.88	4.19	130.76	29.63	0.9	43.73	
09/09/2024 13:55	21.37	3.24	88.43	11.47	19.62	0.5	31.64	11.47	31.49	4.77	130.3	28.92	0.74	46.64	
09/09/2024 14:00	21.28	3.15	86.23	11.47	19.76	0.42	29.85	11.47	31.36	4.65	127.07	29.13	0.62	44	
09/09/2024 14:05	20.91	2.8	88.78	11.45	19.8	0.28	29.59	11.47	30.77	4.13	130.61	29.17	0.41	43.6	
09/09/2024 14:10	21.34	3.31	88.78	11.46	19.69	0.37	32.87	11.47	31.43	4.88	130.76	29.02	0.55	48.43	
09/09/2024 14:15	21.35	3.27	86.52	11.46	19.48	0.34	29.75	11.47	31.45	4.81	127.45	28.7	0.5	43.84	
09/09/2024 14:20	20.91	2.83	88.11	11.45	20.05	0.56	29.56	11.47	30.76	4.17	129.58	29.54	0.83	43.56	
09/09/2024 14:25	21.27	3.22	88.53	11.46	19.66	0.5	31.67	11.46	31.31	4.74	130.31	28.96	0.74	46.65	
09/09/2024 14:30	21.16	3.2	86.8	11.46	19.38	0.47	30.25	11.46	31.15	4.71	127.77	28.55	0.69	44.57	
09/09/2024 14:35	20.79	2.75	87.63	11.45	20.14	0.81	30.13	11.47	30.58	4.05	128.88	29.67	1.2	44.38	
09/09/2024 14:40	21.4	3.19	87.84	11.46	19.59	0.56	31.94	11.46	31.5	4.69	129.28	28.85	0.83	47.04	
09/09/2024 14:45	21.43	3.12	84.79	11.46	19.54	0.42	29.71	11.46	31.55	4.59	124.8	28.78	0.61	43.76	
09/09/2024 14:50	20.82	2.71	87.31	11.45	20.33	1.14	29.73	11.47	30.62	3.99	128.37	29.96	1.68	43.82	
09/09/2024 14:55	21.29	3.1	86.95	11.45	19.29	0.68	31.95	11.45	31.32	4.56	127.93	28.39	1.01	47.02	
09/09/2024 15:00	21.12	2.96	84.72	11.45	19.85	0.33	28.97	11.45	31.07	4.35	124.64	29.21	0.49	42.64	
09/09/2024 15:05	20.97	2.7	86.5	11.44	19.95	0.19	28.7	11.45	30.82	3.97	127.13	29.36	0.28	42.23	
09/09/2024 15:10	21.5	3.13	87.07	11.45	19.49	0.31	30.59	11.45	31.62	4.6	128.1	28.67	0.45	45.01	
09/09/2024 15:15	21.4	3.12	85.74	11.45	19.77	0.36	28.39	11.45	31.49	4.58	126.15	29.08	0.53	41.76	
09/09/2024 15:20	20.98	2.63	86.72	11.44	19.97	0.47	28.38	11.45	30.82	3.86	127.43	29.38	0.69	41.75	
09/09/2024 15:25	21.43	3.08	86.9	11.45	19.72	0.46	30.86	11.45	31.51	4.53	127.81	29.01	0.68	45.4	
09/09/2024 15:30	21.4	2.97	84.54	11.45	19.82	0.36	28.82	11.46	31.48	4.38	124.35	29.17	0.53	42.42	
09/09/2024 15:35	20.91	2.68	87.4	11.44	19.75	0.									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/09/2024 17:15	21.09	2.78	82.62	11.36	19.36	0.12	26.78	11.36	30.72	4.05	120.38	28.21	0.18	39.02	
09/09/2024 17:20	21.03	2.63	83.65	11.34	19.55	0.17	26.47	11.35	30.58	3.83	121.63	28.46	0.25	38.54	
09/09/2024 17:25	21.55	3.08	84.98	11.34	19.32	0.31	28.59	11.35	31.35	4.48	123.62	28.12	0.44	41.62	
09/09/2024 17:30	21.51	2.97	82.66	11.34	19.8	0.46	28.02	11.35	31.28	4.31	120.23	28.81	0.68	40.77	
09/09/2024 17:35	21.04	2.6	84.27	11.33	20.5	0.64	27.61	11.34	30.54	3.78	122.34	29.81	0.93	40.15	
09/09/2024 17:40	21.69	2.96	83.76	11.33	19.72	0.47	28.13	11.34	31.51	4.3	121.71	28.68	0.69	40.9	
09/09/2024 17:45	21.79	2.97	80.49	11.33	19.58	0.27	27.45	11.34	31.67	4.31	116.97	28.47	0.39	39.91	
09/09/2024 17:50	21.21	2.49	82.51	11.33	19.61	0.33	27.95	11.34	30.8	3.61	119.8	28.51	0.48	40.64	
09/09/2024 17:55	21.48	2.79	81.48	11.33	19.53	0.39	28.89	11.34	31.2	4.05	118.33	28.38	0.57	41.99	
09/09/2024 18:00	21.34	2.62	78.39	11.33	19.69	0.39	26.43	11.34	30.99	3.8	113.83	28.61	0.56	38.42	
09/09/2024 18:05	21.2	1.95	70.13	11.29	19.59	0.47	26.27	11.34	30.66	2.81	101.43	28.48	0.68	38.18	
09/09/2024 18:10	21.6	2.33	71.86	11.29	19.67	0.51	28.68	11.33	31.25	3.38	103.95	28.56	0.73	41.65	
09/09/2024 18:15	21.66	2.31	70.56	11.29	19.77	0.46	27.45	11.32	31.34	3.33	102.07	28.7	0.66	39.84	
09/09/2024 18:20	21.15	2.08	73.86	11.27	20.39	0.63	27.56	11.32	30.54	3	106.64	29.59	0.91	40	
09/09/2024 18:25	21.47	2.49	75.39	11.28	19.65	0.49	29.97	11.32	31.02	3.59	108.92	28.49	0.72	43.45	
09/09/2024 18:30	21.24	2.39	73.9	11.28	19.65	0.31	28.5	11.31	30.7	3.46	106.79	28.5	0.45	41.33	
09/09/2024 18:35	21.06	2.7	83.66	11.3	19.22	0.14	29.06	11.31	30.47	3.9	121.08	27.86	0.2	42.13	
09/09/2024 18:40	21.19	3.02	86.46	11.3	19.25	0.29	29.77	11.29	30.68	4.37	125.2	27.85	0.41	43.08	
09/09/2024 18:45	21.03	2.94	85.84	11.3	19.32	0.36	27.44	11.28	30.45	4.25	124.28	27.92	0.53	39.64	
09/09/2024 18:50	20.95	2.95	89.09	11.29	19.72	0.81	28.31	11.28	30.31	4.27	128.87	28.5	1.17	40.91	
09/09/2024 18:55	21.2	3.22	89.17	11.29	19.32	0.58	30.08	11.28	30.68	4.66	129.03	27.91	0.83	43.46	
09/09/2024 19:00	21.09	3.05	86.3	11.29	19.28	0.33	27.87	11.27	30.5	4.42	124.84	27.84	0.47	40.24	
09/09/2024 19:05	20.92	2.99	89.79	11.28	19.56	0.5	28.16	11.27	30.23	4.33	129.77	28.24	0.72	40.65	
09/09/2024 19:10	21.29	3.26	90.45	11.29	19.81	0.47	29.73	11.28	30.79	4.72	130.8	28.64	0.67	42.97	
09/09/2024 19:15	21.24	3.2	88.18	11.29	19.64	0.34	29.98	11.29	30.72	4.63	127.53	28.41	0.49	43.36	
09/09/2024 19:20	21.01	2.98	89.56	11.27	18.94	0	29.52	11.28	30.34	4.31	129.34	27.37	0	42.66	
09/09/2024 19:25	21.34	3.21	89.71	11.28	19.48	0.32	31.34	11.29	30.83	4.64	129.59	28.17	0.46	45.3	
09/09/2024 19:30	21.26	3.07	87.24	11.28	19.78	0.48	29.27	11.29	30.71	4.44	126.03	28.61	0.7	42.31	
09/09/2024 19:35	21.05	2.98	89.64	11.27	19.86	0.36	29.38	11.29	30.38	4.3	129.38	28.72	0.52	42.48	
09/09/2024 19:40	21.24	3.27	89.86	11.28	19.56	0.39	31.38	11.29	30.68	4.73	129.81	28.28	0.56	45.37	
09/09/2024 19:45	21.14	3.24	89.2	11.28	19.77	0.45	29.46	11.29	30.54	4.68	128.87	28.59	0.64	42.59	
09/09/2024 19:50	21.06	2.92	88.53	11.27	20.59	1.03	29.88	11.3	30.42	4.21	127.84	29.8	1.49	43.24	
09/09/2024 19:55	21.39	3.23	88.15	11.28	20.22	0.73	32.88	11.29	30.9	4.67	127.37	29.26	1.06	47.57	
09/09/2024 20:00	21.32	3.13	86.4	11.28	19.71	0.3	28.32	11.28	30.81	4.53	124.84	28.48	0.43	40.93	
09/09/2024 20:05	21.11	2.86	88.04	11.27	19.58	0.09	27.92	11.28	30.47	4.12	127.09	28.29	0.14	40.34	
09/09/2024 20:10	21.59	3.2	88.08	11.28	19.86	0.34	30.22	11.28	31.19	4.62	127.22	28.69	0.49	43.67	
09/09/2024 20:15	21.69	3.12	85.53	11.28	19.86	0.32	28.33	11.28	31.32	4.51	123.52	28.69	0.46	40.93	
09/09/2024 20:20	21.1	2.86	87.64	11.26	20.95	0.8	28.81	11.28	30.44	4.12	126.42	30.28	1.15	41.64	
09/09/2024 20:25	21.17	3.07	87.37	11.27	20.42	0.65	30.07	11.28	30.55	4.43	126.09	29.5	0.94	43.44	
09/09/2024 20:30	21.03	2.91	84.7	11.27	19.86	0.36	28.51	11.28	30.35	4.2	122.24	28.68	0.52	41.17	
09/09/2024 20:35	21.11	2.81	86.46	11.26	19.92	0.33	28.44	11.27	30.44	4.06	124.66	28.76	0.47	41.05	
09/09/2024 20:40	21.46	3.08	87.5	11.27	19.82	0.38	30.65	11.27	30.97	4.44	126.23	28.61	0.55	44.24	
09/09/2024 20:45	21.34	2.89	85.42	11.26	20.06	0.44	28.05	11.26	30.79	4.17	123.21	28.94	0.64	40.46	
09/09/2024 20:50	21.05	2.77	85.9	11.25	20.09	0.13	29.02	11.26	30.32	3.99	123.73	28.99	0.18	41.86	
09/09/2024 20:55	21.34	3.13	86.5	11.26	19.65	0.29	30.14	11.26	30.76	4.51	124.68	28.33	0.41	43.47	
09/09/2024 21:00	21.24	3.02	84.15	11.26	19.86	0.27	28.07	11.26	30.61	4.35	121.31	28.64	0.39	40.48	
09/09/2024 21:05	21.14	2.83	87.3	11.25	20.36	0.42	27.48	11.26	30.45	4.07	125.72	29.34	0.61	39.61	
09/09/2024 21:10	21.43	3.09	86.83	11.25	20.04	0.5	29.99	11.26	30.88	4.45	125.11	28.89	0.72	43.22	
09/09/2024 21:15	21.31	2.97	84.47	11.25	19.72	0.22	28.21	11.26	30.71	4.27	121.7	28.43	0.31	40.65	
09/09/2024 21:20	21.15	2.83	87.83	11.24	19.78	0.17	27.81	11.25	30.43	4.08	126.39	28.5	0.25	40.07	
09/09/2024 21:25	21.3	3.16	88.2	11.25	19.74	0.46	30.98	11.25	30.67	4.55	127	28.45	0.67	44.64	
09/09/2024 21:30	21.19	3.06	86.11	11.25	19.31	0.32	28.39	11.26	30.51	4.41	123.99	27.83	0.46	40.92	
09/09/2024 21:35	21.06	2.78	86.54	11.24	20.13	0.42	27.86	11.26	30.32	4	124.58	29.02	0.61	40.17	
09/09/2024 21:40	21.59	3.07	86.77	11.25	20.02	0.62	30.19	11.26	31.1	4.43	124.99	28.87	0.89	43.54	
09/09/2024 21:45	21.6	2.98	84.42	11.25	19.56	0.29	27.97	11.26	31.11	4.29	121.61	28.2	0.42	40.32	
09/09/2024 21:50	21.03	2.83	87.06	11.24	19.97	0.42	27.81	11.26	30.28	4.07	125.32	28.78	0.61	40.09	
09/09/2024 21:55	21.31	3.15	87.44	11.25	19.68	0.46	30.04	11.26	30.7	4.53	125.95	28.36	0.67	43.29	
09/09/2024 22:00	21.16	3.07	85.73	11.25	19.59	0.32	27.65	11.26	30.48	4.42	123.49	28.24	0.46	39.85	
09/09/2024 22:05	21.17	2.86	86.43	11.24	19.58	0.53	27.56	11.25	30.47	4.12	124.42	28.21	0.77	39.71	
09/09/2024 22:10	21.5	3.05	85.98	11.25	19.58	0.53	30.12	11.26	30.97	4.39	123.83	28.23	0.76	43.42	
09/09/2024 22:15	21.49	2.91	83.42	11.25	19.79	0.52	27.83	11.26	30.96	4.19	120.14	28.54	0.76	40.13	
09/09/2024 22:20	21.12	2.83	86.66	11.24	20.67	0.92	27.64	11.26	30.41	4.07	124.75	29.82	1.33	39.87	
09/09/2024 22:25	21.45	3.11	86.56	11.25	20.02	0.7	29.38	11.26	30.9	4.48	124.68	28.86	1	42.35	
09/09/2024 22:30	21.38	2.96	84.14	11.25	19.68	0.43	27.55	11.26	30.8	4.27	121.17	28.37	0.62	39.71	
09/09/2024 22:35	21.24	2.81	85.39	11.24	20.06	0.59	27.25	11.25	30.56	4.04	122.85	28.9	0.86	39.25	
09/09/2024 22:40	21.51	3.13	86.88	11.25	19.86	0.56	29.54	11.25	30.98	4.52	125.14	28.63	0.81	42.56	
09/09/2024 22:45	21.43	3.05	84.82	11.25	19.6	0.41	27.59	11.26	30.87	4.4	122.17	28.25	0.59	39.77	
09/09/2024 22:50	21.06	2.83	86.34	11.24	19.77	0.45	26.83	11.25	30.31	4.08	124.26	28.48	0.65	38.66	
09/09/2024 22:55	21.35	3.21	86.59	11.24	19.62	0.49	29.33	11.25	30.72	4.63	124.63	28.26	0.7	42.25	
09/09/2024 23:00	21.17	3.07	84.09	11.24	19.45	0.41	27.97	11.25	30.47	4.42	121.04	28.02	0.59	40.3	
09/09/2024 23:05	21.09	2.91	86.41	11.24	19.64	0.69	28.66	11.25	30.33	4.18	124.29	28.3	0.99	41.28	
09/09/2024 23:10	21.08	3.15	86.12	11.24	19.51	0.58	30.33	11.25	30.34	4.53	123.95	28.1	0.83	43.69	
09/09/2024 23:15	20.89	3.01	83.55	11.24	19.48	0.4	28.57	11.25	30.06	4.33	120.25	28.05			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/09/2024 01:00	21.26	3.02	84.27	11.24	19.65	0.51	28.85	11.25	30.58	4.34	121.23	28.29	0.73	41.54	
10/09/2024 01:05	21.17	3.05	87.2	11.23	20.05	0.52	28.16	11.24	30.45	4.38	125.4	28.85	0.74	40.52	
10/09/2024 01:10	21.41	3.3	87.45	11.24	19.67	0.62	32.03	11.25	30.82	4.75	125.87	28.33	0.89	46.11	
10/09/2024 01:15	21.32	3.21	86.01	11.24	19.51	0.49	29.01	11.25	30.69	4.62	123.78	28.09	0.7	41.76	
10/09/2024 01:20	20.96	2.96	87.81	11.24	19.7	0.56	29.45	11.25	30.16	4.26	126.3	28.37	0.81	42.41	
10/09/2024 01:25	21.5	3.29	87.46	11.24	19.73	0.65	32.29	11.25	30.94	4.73	125.88	28.42	0.94	46.5	
10/09/2024 01:30	21.42	3.15	84.21	11.24	19.29	0.39	29.43	11.25	30.83	4.53	121.2	27.78	0.57	42.4	
10/09/2024 01:35	20.96	3.04	87.31	11.24	19.52	0.66	29.59	11.25	30.15	4.37	125.6	28.11	0.95	42.63	
10/09/2024 01:40	21.45	3.24	87.42	11.25	19.41	0.58	31.11	11.25	30.88	4.66	125.85	27.96	0.83	44.81	
10/09/2024 01:45	21.45	3.16	84.8	11.25	19.33	0.54	30.05	11.25	30.88	4.55	122.09	27.85	0.78	43.29	
10/09/2024 01:50	21.04	2.96	87.07	11.23	19.56	0.75	30.33	11.25	30.25	4.25	125.22	28.18	1.08	43.69	
10/09/2024 01:55	21.31	3.26	87.19	11.24	19.44	0.61	31.19	11.25	30.66	4.69	125.45	27.99	0.88	44.91	
10/09/2024 02:00	21.17	3.2	86.16	11.24	19.31	0.48	29.99	11.24	30.45	4.61	123.96	27.79	0.69	43.16	
10/09/2024 02:05	20.96	2.98	87.34	11.23	19.52	0.7	30.11	11.24	30.13	4.28	125.51	28.07	1.01	43.31	
10/09/2024 02:10	21.47	3.23	86.72	11.23	19.49	0.62	32.53	11.24	30.87	4.65	124.71	28.05	0.9	46.8	
10/09/2024 02:15	21.39	3.15	84.5	11.24	19.18	0.45	29.85	11.24	30.77	4.53	121.54	27.61	0.64	42.96	
10/09/2024 02:20	21.11	3.02	86.91	11.23	19.34	0.67	29.34	11.24	30.35	4.34	124.98	27.84	0.97	42.24	
10/09/2024 02:25	21.36	3.33	87.15	11.24	19.2	0.59	31.34	11.25	30.74	4.79	125.44	27.65	0.86	45.13	
10/09/2024 02:30	21.22	3.27	83.89	11.24	19.36	0.48	30.07	11.24	30.54	4.71	120.75	27.88	0.69	43.29	
10/09/2024 02:35	21.16	3.06	86.88	11.23	20	0.73	30.16	11.25	30.41	4.39	124.88	28.79	1.06	43.42	
10/09/2024 02:40	21.49	3.29	86.92	11.23	19.7	0.65	32.02	11.24	30.89	4.74	124.98	28.35	0.94	46.08	
10/09/2024 02:45	21.48	3.22	84.42	11.23	19.54	0.63	29.78	11.24	30.88	4.63	121.39	28.12	0.9	42.85	
10/09/2024 02:50	21.09	3.01	87.02	11.23	19.69	0.67	29.78	11.24	30.3	4.33	125.03	28.34	0.97	42.86	
10/09/2024 02:55	21.53	3.24	86.74	11.23	19.72	0.7	32.48	11.24	30.95	4.65	124.72	28.38	1	46.75	
10/09/2024 03:00	21.46	3.09	84.51	11.23	19.54	0.49	29.35	11.24	30.86	4.45	121.5	28.12	0.7	42.23	
10/09/2024 03:05	21.04	3.03	87.79	11.23	19.72	0.8	29.41	11.24	30.23	4.36	126.17	28.38	1.15	42.32	
10/09/2024 03:10	21.38	3.34	89.2	11.23	19.52	0.64	30.64	11.24	30.74	4.81	128.25	28.09	0.92	44.09	
10/09/2024 03:15	21.43	3.32	88.63	11.23	19.48	0.56	29.52	11.24	30.8	4.77	127.41	28.03	0.8	42.47	
10/09/2024 03:20	21.14	2.98	87.21	11.23	20	0.98	29.88	11.24	30.37	4.28	125.29	28.78	1.42	42.99	
10/09/2024 03:25	21.32	3.39	87.55	11.23	19.84	0.91	32.89	11.24	30.66	4.87	125.87	28.56	1.31	47.33	
10/09/2024 03:30	21.14	3.21	85.2	11.23	19.37	0.45	29.48	11.24	30.39	4.62	122.49	27.86	0.64	42.41	
10/09/2024 03:35	21.04	3.14	87.92	11.23	19.63	0.44	29.45	11.23	30.24	4.51	126.36	28.22	0.63	42.35	
10/09/2024 03:40	21.37	3.29	87.51	11.24	19.42	0.49	31.4	11.24	30.74	4.73	125.89	27.94	0.71	45.17	
10/09/2024 03:45	21.29	3.18	85.27	11.24	19.33	0.54	29.4	11.24	30.63	4.57	122.68	27.82	0.78	42.31	
10/09/2024 03:50	21.16	3	87.71	11.23	19.7	0.72	30.55	11.24	30.4	4.32	126.02	28.36	1.03	43.96	
10/09/2024 03:55	21.46	3.36	88.27	11.24	19.57	0.68	31.89	11.24	30.87	4.83	126.99	28.18	0.97	45.9	
10/09/2024 04:00	21.47	3.27	86.2	11.24	19.26	0.42	29.41	11.24	30.89	4.7	124.02	27.73	0.6	42.34	
10/09/2024 04:05	21.11	3.02	87.86	11.23	19.61	0.58	28.7	11.24	30.33	4.35	126.25	28.22	0.83	41.31	
10/09/2024 04:10	21.41	3.33	88.51	11.23	19.58	0.63	30.64	11.24	30.78	4.78	127.26	28.18	0.91	44.09	
10/09/2024 04:15	21.37	3.29	87.13	11.23	19.44	0.56	29.58	11.24	30.72	4.72	125.26	27.97	0.8	42.57	
10/09/2024 04:20	21.1	2.96	88.09	11.23	20.09	0.72	29.92	11.24	30.33	4.25	126.64	28.92	1.04	43.07	
10/09/2024 04:25	21.33	3.37	89.08	11.24	19.82	0.65	31.43	11.24	30.69	4.85	128.15	28.53	0.93	45.24	
10/09/2024 04:30	21.18	3.26	86.88	11.24	19.28	0.43	29.49	11.24	30.48	4.69	125.01	27.74	0.61	42.43	
10/09/2024 04:35	21.18	3.13	89.7	11.22	19.81	0.61	29.83	11.24	30.42	4.5	128.85	28.5	0.88	42.91	
10/09/2024 04:40	21.52	3.33	89.5	11.23	19.58	0.59	32.19	11.24	30.94	4.79	128.64	28.16	0.85	46.31	
10/09/2024 04:45	21.55	3.22	88.22	11.23	19.44	0.5	30.38	11.24	30.98	4.63	126.81	27.96	0.72	43.69	
10/09/2024 04:50	20.94	3.13	89.99	11.23	19.45	0.7	31.47	11.24	30.09	4.49	129.31	27.98	1.01	45.26	
10/09/2024 04:55	21.53	3.37	89.2	11.23	19.52	0.69	32.67	11.24	30.96	4.85	128.25	28.08	0.99	46.99	
10/09/2024 05:00	21.52	3.27	87.12	11.23	19.19	0.38	30.36	11.24	30.94	4.7	125.26	27.61	0.55	43.69	
10/09/2024 05:05	21.12	3.1	89.85	11.23	19.55	0.42	30.2	11.24	30.36	4.46	129.12	28.12	0.61	43.46	
10/09/2024 05:10	21.46	3.38	89.46	11.23	19.27	0.54	33.54	11.24	30.85	4.85	128.62	27.73	0.78	48.26	
10/09/2024 05:15	21.36	3.3	86.19	11.23	19.39	0.48	29.9	11.24	30.71	4.75	123.9	27.89	0.69	43.01	
10/09/2024 05:20	21.16	3.05	88.61	11.22	19.08	0.17	29.39	11.23	30.38	4.38	127.26	27.42	0.25	42.25	
10/09/2024 05:25	21.39	3.32	89.07	11.23	19.32	0.5	33.63	11.24	30.75	4.77	128.03	27.78	0.72	48.37	
10/09/2024 05:30	21.3	3.25	87.96	11.23	19.46	0.51	30	11.24	30.61	4.67	126.43	27.99	0.73	43.16	
10/09/2024 05:35	21.24	3.1	89.52	11.22	19.53	0.56	30.48	11.24	30.51	4.45	128.56	28.1	0.81	43.85	
10/09/2024 05:40	21.34	3.39	90.2	11.23	19.31	0.55	32.49	11.23	30.68	4.88	129.66	27.77	0.79	46.72	
10/09/2024 05:45	21.2	3.21	87.81	11.23	19.25	0.47	30.97	11.23	30.48	4.61	126.24	27.68	0.67	44.54	
10/09/2024 05:50	21.09	3.17	89.79	11.22	19.3	0.44	31.38	11.23	30.27	4.55	128.9	27.74	0.63	45.1	
10/09/2024 05:55	21.26	3.35	89.76	11.22	19.38	0.53	33.02	11.23	30.54	4.81	128.94	27.85	0.76	47.46	
10/09/2024 06:00	21.09	3.18	87.13	11.23	19.43	0.62	31.06	11.23	30.3	4.57	125.18	27.94	0.89	44.66	
10/09/2024 06:05	21.03	3.11	88.79	11.22	19.67	0.84	31.89	11.23	30.2	4.47	127.46	28.29	1.21	45.86	
10/09/2024 06:10	21.25	3.36	88.77	11.23	19.6	0.74	33.9	11.23	30.54	4.82	127.57	28.19	1.07	48.74	
10/09/2024 06:15	21.2	3.26	86.41	11.23	19.3	0.5	30.66	11.23	30.47	4.68	124.18	27.75	0.72	44.08	
10/09/2024 06:20	21.07	3.18	89.5	11.22	20.03	1.03	30.72	11.24	30.26	4.57	128.53	28.81	1.48	44.18	
10/09/2024 06:25	21.23	3.38	89.3	11.23	19.62	0.82	34.63	11.23	30.51	4.85	128.33	28.22	1.18	49.8	
10/09/2024 06:30	21.17	3.28	85.94	11.23	19.31	0.58	31.05	11.23	30.43	4.71	123.51	27.76	0.84	44.64	
10/09/2024 06:35	21	3.11	89.38	11.22	19.47	0.5	30.72	11.23	30.16	4.46	128.34	28	0.72	44.18	
10/09/2024 06:40	21.43	3.41	88.37	11.23	19.27	0.57	33.6	11.23	30.8	4.9	126.96	27.71	0.82	48.3	
10/09/2024 06:45	21.39	3.32	87.28	11.23	19.17	0.48	30.25	11.23	30.73	4.77	125.39	27.56	0.7	43.48	
10/09/2024 06:50	21.1	3.14	88.83	11.22	19.66	0.95	30.28	11.23	30.29	4.51	127.53	28.26	1.37	43.54	
10/09/2024 06:55	21.33	3.35	88.88	11.23	19.43	0.71	32.15	11.23	30.65	4.81	127.71	27.94	1.02	46.23	
10/09/2024 07:00	21.34	3.23	85.34	11.23	19.31	0.51	30.14	11.23	30.66	4.63	122.63	27.77	0.73	43.34	
10/09/2024 07:05															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/09/2024 08:45	21.31	3.1	84.34	11.25	19.67	0.37	28.9	11.25	30.69	4.46	121.45	28.34	0.53	41.65	
10/09/2024 08:50	21.3	2.84	85.91	11.24	20.23	0.64	28.95	11.26	30.66	4.09	123.65	29.16	0.92	41.73	
10/09/2024 08:55	21.56	3.14	86.2	11.25	20	0.65	30.97	11.26	31.05	4.52	124.14	28.83	0.94	44.65	
10/09/2024 09:00	21.47	3.07	83.95	11.25	19.47	0.35	28.66	11.26	30.92	4.42	120.88	28.06	0.5	41.31	
10/09/2024 09:05	21.23	2.77	85.86	11.24	20.09	0.64	28.52	11.26	30.56	3.99	123.59	28.96	0.92	41.1	
10/09/2024 09:10	21.59	3.04	85.56	11.25	19.69	0.49	32.11	11.26	31.1	4.37	123.25	28.38	0.71	46.28	
10/09/2024 09:15	21.52	2.97	84.21	11.25	19.61	0.54	29.58	11.26	31.01	4.27	121.32	28.28	0.78	42.65	
10/09/2024 09:20	21.2	2.78	85.85	11.24	19.91	0.56	30.03	11.26	30.51	3.99	123.56	28.7	0.81	43.29	
10/09/2024 09:25	21.58	3.07	85.6	11.24	19.89	0.56	31.08	11.25	31.06	4.43	123.21	28.67	0.8	44.77	
10/09/2024 09:30	21.5	2.92	82.91	11.24	19.32	0.18	28.77	11.25	30.95	4.21	119.34	27.82	0.27	41.41	
10/09/2024 09:35	21.28	2.81	85.74	11.23	19.5	0.38	28.22	11.24	30.6	4.03	123.3	28.07	0.54	40.62	
10/09/2024 09:40	21.68	3.08	86.44	11.24	19.33	0.37	30.7	11.25	31.2	4.43	124.41	27.83	0.53	44.2	
10/09/2024 09:45	21.64	3	84.84	11.24	19.57	0.35	28.84	11.25	31.16	4.31	122.13	28.19	0.5	41.55	
10/09/2024 09:50	21.34	2.8	86.5	11.24	20.11	0.64	28.95	11.25	30.7	4.03	124.47	28.98	0.92	41.72	
10/09/2024 09:55	21.56	3.17	87.28	11.24	19.61	0.51	31.21	11.25	31.03	4.56	125.65	28.26	0.74	44.97	
10/09/2024 10:00	21.61	3.09	84.93	11.24	19.38	0.3	29.73	11.26	31.11	4.45	122.26	27.93	0.43	42.85	
10/09/2024 10:05	21.23	2.84	86.34	11.25	19.25	0.03	29.77	11.25	30.57	4.09	124.3	27.73	0.05	42.87	
10/09/2024 10:10	21.54	3.08	86.59	11.25	19.65	0.34	30.96	11.25	31.02	4.43	124.69	28.31	0.49	44.61	
10/09/2024 10:15	21.47	2.99	84	11.25	19.58	0.4	28.97	11.26	30.91	4.3	120.95	28.23	0.58	41.77	
10/09/2024 10:20	21.09	2.76	86.04	11.24	19	0	28.58	11.25	30.36	3.97	123.85	27.38	0	41.18	
10/09/2024 10:25	21.51	3.13	86.43	11.26	19.44	0.3	31	11.26	31.02	4.51	124.65	28.03	0.43	44.71	
10/09/2024 10:30	21.55	3.06	83.3	11.26	19.51	0.3	29.03	11.27	31.09	4.41	120.16	28.15	0.43	41.9	
10/09/2024 10:35	21.15	2.76	85.76	11.26	19.58	0.33	29.33	11.27	30.48	3.98	123.61	28.25	0.47	42.32	
10/09/2024 10:40	21.23	3	85.78	11.26	19.42	0.42	30.99	11.27	30.63	4.33	123.73	28.04	0.6	44.73	
10/09/2024 10:45	21.06	2.86	83.69	11.26	19.34	0.2	28.58	11.27	30.38	4.12	120.71	27.92	0.29	41.27	
10/09/2024 10:50	21.08	2.68	85.04	11.27	19.28	0.34	29.66	11.28	30.43	3.87	122.74	27.85	0.5	42.84	
10/09/2024 10:55	21.34	3.11	85.9	11.28	19.42	0.44	31.08	11.28	30.82	4.49	124.08	28.06	0.63	44.92	
10/09/2024 11:00	21.12	2.93	83.51	11.28	19.25	0.15	29.1	11.28	30.51	4.24	120.65	27.83	0.22	42.06	
10/09/2024 11:05	20.94	2.72	85.35	11.27	19.38	0.28	29.33	11.28	30.24	3.92	123.24	28	0.41	42.39	
10/09/2024 11:10	21.37	3	85.2	11.28	19.2	0.36	31.11	11.28	30.86	4.33	123.05	27.75	0.52	44.96	
10/09/2024 11:15	21.25	2.88	83.56	11.28	19.18	0.14	28.74	11.28	30.69	4.16	120.68	27.73	0.21	41.54	
10/09/2024 11:20	20.87	2.64	86.03	11.28	19.05	0.25	28.81	11.29	30.15	3.82	124.31	27.54	0.36	41.66	
10/09/2024 11:25	21.29	2.91	85.31	11.29	18.92	0.36	31.39	11.29	30.78	4.21	123.37	27.37	0.52	45.4	
10/09/2024 11:30	21.24	2.8	82.98	11.29	19.15	0.16	28.9	11.3	30.72	4.04	119.99	27.73	0.24	41.84	
10/09/2024 11:35	20.99	2.65	85.35	11.29	19.47	0.48	29.42	11.3	30.36	3.84	123.46	28.2	0.7	42.61	
10/09/2024 11:40	21.37	3.02	85.52	11.3	19.13	0.5	31.55	11.31	30.96	4.38	123.89	27.72	0.72	45.71	
10/09/2024 11:45	21.25	2.93	83.47	11.31	19.08	0.17	28.87	11.31	30.78	4.24	120.93	27.66	0.25	41.84	
10/09/2024 11:50	21.03	2.5	83.38	11.3	19.48	0.19	28.45	11.31	30.43	3.61	120.69	28.23	0.27	41.23	
10/09/2024 11:55	21.29	2.99	84.23	11.31	19.17	0.31	30.45	11.31	30.86	4.33	122.08	27.79	0.44	44.15	
10/09/2024 12:00	21.16	2.97	82.1	11.31	19.26	0.14	28.79	11.32	30.68	4.31	119.01	27.94	0.2	41.77	
10/09/2024 12:05	21	2.55	84.47	11.31	19.14	0.11	28.67	11.32	30.45	3.69	122.49	27.78	0.16	41.62	
10/09/2024 12:10	21.44	2.98	85.19	11.32	19.03	0.28	30.6	11.32	31.12	4.32	123.65	27.63	0.4	44.41	
10/09/2024 12:15	21.32	2.83	83.21	11.32	19.11	0.12	29.05	11.33	30.95	4.11	120.77	27.75	0.18	42.18	
10/09/2024 12:20	21.07	2.62	84.79	11.31	19.42	0.33	29.44	11.32	30.54	3.8	122.94	28.19	0.48	42.73	
10/09/2024 12:25	21.36	2.97	85.28	11.32	19.12	0.3	32.07	11.33	31	4.3	123.77	27.76	0.44	46.56	
10/09/2024 12:30	21.16	2.82	82.88	11.33	19.26	0.25	29.47	11.34	30.71	4.09	120.31	27.98	0.36	42.83	
10/09/2024 12:35	20.75	2.6	86.07	11.32	19.47	0.36	30.45	11.33	30.11	3.77	124.87	28.29	0.52	44.25	
10/09/2024 12:40	21.34	3.04	86.21	11.33	19.09	0.38	32.04	11.34	30.99	4.42	125.2	27.74	0.55	46.56	
10/09/2024 12:45	21.18	2.83	82.95	11.33	19.15	0.2	29.66	11.34	30.76	4.11	120.48	27.85	0.3	43.13	
10/09/2024 12:50	20.72	2.55	86.31	11.32	19.41	0.09	28.98	11.33	30.07	3.7	125.25	28.2	0.14	42.11	
10/09/2024 12:55	21.31	3.04	87.03	11.33	19.1	0.26	31.38	11.33	30.94	4.42	126.37	27.76	0.37	45.58	
10/09/2024 13:00	21.18	2.98	85.4	11.33	19.16	0.22	30.02	11.33	30.76	4.33	124.01	27.85	0.32	43.63	
10/09/2024 13:05	20.81	2.65	86.59	11.32	19.16	0.22	30.77	11.33	30.21	3.85	125.68	27.84	0.32	44.71	
10/09/2024 13:10	21.26	3.02	87.18	11.33	19.09	0.31	32.31	11.33	30.87	4.38	126.6	27.74	0.45	46.94	
10/09/2024 13:15	21.16	2.93	84.39	11.33	18.94	0.18	30.29	11.34	30.73	4.25	122.55	27.54	0.26	44.04	
10/09/2024 13:20	20.82	2.68	87.82	11.33	18.17	0	30.27	11.34	30.24	3.89	127.55	26.41	0	43.99	
10/09/2024 13:25	21.38	3.11	87.9	11.33	18.26	0.19	31.97	11.34	31.06	4.51	127.72	26.54	0.27	46.47	
10/09/2024 13:30	21.38	3.01	85.93	11.33	19.52	0.45	30.01	11.34	31.06	4.37	124.84	28.39	0.65	43.66	
10/09/2024 13:35	21.07	2.63	85.99	11.33	19.2	0.02	29.61	11.34	30.6	3.83	124.89	27.93	0.02	43.06	
10/09/2024 13:40	21.5	3.05	86.06	11.33	19.13	0.25	32.02	11.34	31.24	4.43	125.06	27.81	0.37	46.54	
10/09/2024 13:45	21.41	2.94	83.77	11.33	19.14	0.18	29.85	11.34	31.11	4.27	121.72	27.82	0.26	43.39	
10/09/2024 13:50	21.04	2.72	86.63	11.33	18.94	0.3	29.56	11.34	30.55	3.96	125.77	27.53	0.43	42.98	
10/09/2024 13:55	21.29	3.09	87.36	11.33	19.15	0.39	31.66	11.34	30.92	4.48	126.87	27.84	0.57	46.01	
10/09/2024 14:00	21.1	2.92	84.07	11.33	19.17	0.19	29.85	11.33	30.65	4.23	122.1	27.86	0.28	43.38	
10/09/2024 14:05	21.02	2.72	87.81	11.32	19.3	0.28	29.83	11.33	30.49	3.95	127.37	28.04	0.41	43.34	
10/09/2024 14:10	21.07	3.12	87.87	11.33	19.03	0.33	31.46	11.33	30.59	4.54	127.58	27.65	0.48	45.7	
10/09/2024 14:15	21.19	3.17	85.42	11.33	19.07	0.21	30.28	11.33	30.76	4.61	124.04	27.7	0.3	43.99	
10/09/2024 14:20	20.91	2.73	87.25	11.32	19.28	0.22	30.3	11.33	30.33	3.97	126.56	28.01	0.32	44.01	
10/09/2024 14:25	21.36	3.15	88.2	11.33	19.18	0.37	32.41	11.33	31.01	4.57	128.06	27.87	0.53	47.08	
10/09/2024 14:30	21.33	3.05	87.31	11.33	19.02	0.26	29.56	11.33	30.98	4.43	126.79	27.62	0.38	42.93	
10/09/2024 14:35	20.82	2.78	87.6	11.32	19.2	0.56	30.52	11.33	30.2	4.04	127.09	27.89	0.82	44.32	
10/09/2024 14:40	21.34	3.17	87.87	11.33	18.99	0.49	32.31	11.33	30.98	4.61	127.57	27.58	0.71	46.91	
10/09/2024 14:45	21.29	3.12	84.45	11.33	18.99	0.2	30.12	11.33	30.91	4.52	122.62	27.58	0.29	43.75	
10/09/2024 14:50	20.67	2.65													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/09/2024 16:30	21.26	3.17	86.92	11.31	19.53	0.69	30.26	11.31	30.81	4.6	125.94	28.31	1	43.86	
10/09/2024 16:35	21.02	3.08	88.8	11.29	19.7	0.67	30.64	11.31	30.41	4.45	128.48	28.56	0.97	44.42	
10/09/2024 16:40	21.45	3.32	88.76	11.3	19.39	0.61	32.48	11.31	31.05	4.81	128.49	28.1	0.88	47.06	
10/09/2024 16:45	21.46	3.15	86.42	11.3	19.34	0.52	30.01	11.3	31.06	4.56	125.09	28.01	0.75	43.46	
10/09/2024 16:50	21.01	3.04	88.8	11.29	19.44	0.67	29.95	11.3	30.37	4.39	128.38	28.14	0.97	43.36	
10/09/2024 16:55	21.27	3.33	88.06	11.29	19.27	0.6	32.15	11.3	30.77	4.81	127.41	27.89	0.88	46.54	
10/09/2024 17:00	21.12	3.17	84.53	11.29	19.35	0.49	29.89	11.3	30.56	4.58	122.3	28.02	0.71	43.27	
10/09/2024 17:05	20.93	3.02	88.45	11.28	19.59	0.59	29.25	11.3	30.24	4.36	127.82	28.36	0.86	42.33	
10/09/2024 17:10	21.32	3.24	88.4	11.28	19.43	0.52	31.37	11.29	30.81	4.68	127.76	28.11	0.75	45.36	
10/09/2024 17:15	21.19	3.07	84.65	11.28	19.34	0.49	29.82	11.28	30.63	4.43	122.34	27.96	0.71	43.1	
10/09/2024 17:20	21.13	2.97	87.76	11.26	19.61	0.7	30.22	11.28	30.48	4.28	126.58	28.33	1.02	43.65	
10/09/2024 17:25	21.32	2.94	83.05	11.24	19.43	0.58	32.32	11.27	30.68	4.23	119.53	28.05	0.83	46.65	
10/09/2024 17:30	21.3	2.69	79.18	11.24	19.18	0.4	30.36	11.27	30.63	3.87	113.89	27.68	0.58	43.81	
10/09/2024 17:35	21.12	2.44	78.68	11.22	19.5	0.5	29.55	11.27	30.33	3.5	113	28.14	0.72	42.64	
10/09/2024 17:40	21.51	2.77	78.56	11.23	19.47	0.49	30.9	11.26	30.93	3.99	112.94	28.08	0.7	44.56	
10/09/2024 17:45	21.51	2.71	77.49	11.23	19.58	0.5	29.41	11.26	30.93	3.89	111.43	28.24	0.72	42.42	
10/09/2024 17:50	21.22	2.57	80.52	11.21	20.05	0.58	29.13	11.26	30.45	3.69	115.54	28.9	0.83	41.99	
10/09/2024 17:55	21.57	3.15	84.4	11.23	19.69	0.53	32.97	11.25	31.02	4.53	121.38	28.37	0.76	47.5	
10/09/2024 18:00	21.49	3.19	83.64	11.24	19.27	0.46	29.89	11.25	30.92	4.59	120.34	27.74	0.66	43.04	
10/09/2024 18:05	21.22	3.11	89.24	11.23	19.19	0.67	29.88	11.24	30.51	4.48	128.35	27.6	0.97	42.97	
10/09/2024 18:10	21.44	3.34	88.73	11.24	19.59	0.61	30.09	11.23	30.86	4.8	127.69	28.16	0.88	43.24	
10/09/2024 18:15	21.41	3.25	85.89	11.24	19.75	0.36	27.16	11.22	30.82	4.67	123.61	28.35	0.52	38.99	
10/09/2024 18:20	21.13	3.1	89.31	11.23	20.09	0.52	27.48	11.22	30.36	4.45	128.31	28.84	0.74	39.45	
10/09/2024 18:25	21.48	3.37	89.41	11.23	19.97	0.52	29.22	11.22	30.89	4.85	128.56	28.66	0.75	41.95	
10/09/2024 18:30	21.44	3.32	86.84	11.23	19.69	0.37	26.5	11.21	30.83	4.78	124.87	28.25	0.53	38.01	
10/09/2024 18:35	21.45	3.11	87.56	11.22	20	0.48	26.78	11.22	30.8	4.47	125.77	28.71	0.7	38.45	
10/09/2024 18:40	21.48	3.29	88.06	11.23	19.7	0.54	30.22	11.23	30.87	4.73	126.53	28.31	0.77	43.42	
10/09/2024 18:45	21.37	3.23	85.98	11.23	19.54	0.59	29.5	11.23	30.71	4.65	123.55	28.09	0.84	42.42	
10/09/2024 18:50	21.13	3.2	90.27	11.22	19.75	0.69	29.56	11.23	30.33	4.6	129.58	28.39	0.99	42.49	
10/09/2024 18:55	21.56	3.5	90.75	11.22	19.63	0.67	32.1	11.23	30.96	5.03	130.33	28.21	0.96	46.12	
10/09/2024 19:00	21.47	3.38	88.66	11.22	19.45	0.59	29.86	11.22	30.83	4.85	127.33	27.93	0.85	42.89	
10/09/2024 19:05	21.18	3.32	90.48	11.2	19.67	0.8	29.81	11.22	30.37	4.76	129.72	28.25	1.15	42.82	
10/09/2024 19:10	21.33	3.48	90.32	11.21	19.45	0.69	32.16	11.22	30.61	5	129.59	27.93	0.98	46.18	
10/09/2024 19:15	21.24	3.39	88.69	11.21	19.28	0.61	30.6	11.22	30.48	4.86	127.28	27.68	0.88	43.94	
10/09/2024 19:20	21	3.24	89.57	11.21	19.36	0.72	30.19	11.22	30.11	4.65	128.45	27.8	1.03	43.34	
10/09/2024 19:25	21.45	3.59	89.52	11.22	19.36	0.67	31.08	11.22	30.79	5.16	128.5	27.81	0.96	44.64	
10/09/2024 19:30	21.26	3.45	86.79	11.22	19.31	0.61	29.86	11.22	30.52	4.95	124.6	27.74	0.87	42.9	
10/09/2024 19:35	21.03	3.37	89.7	11.21	19.56	0.73	29.97	11.22	30.16	4.83	128.67	28.1	1.06	43.05	
10/09/2024 19:40	21.33	3.57	90.15	11.22	19.56	0.73	32.07	11.22	30.62	5.12	129.41	28.1	1.05	46.07	
10/09/2024 19:45	21.32	3.49	88.12	11.22	19.27	0.64	29.97	11.22	30.6	5.01	126.5	27.67	0.92	43.04	
10/09/2024 19:50	21.12	3.18	88.66	11.2	19.39	0.78	29.42	11.22	30.28	4.56	127.1	27.85	1.12	42.26	
10/09/2024 19:55	21.56	3.54	89.27	11.21	19.48	0.77	33.09	11.22	30.92	5.08	128.03	27.97	1.11	47.51	
10/09/2024 20:00	21.53	3.34	86.2	11.21	19.39	0.61	29.77	11.21	30.87	4.79	123.63	27.83	0.88	42.73	
10/09/2024 20:05	21.21	3.29	89.94	11.2	19.67	0.67	29.11	11.21	30.39	4.72	128.86	28.22	0.96	41.75	
10/09/2024 20:10	21.7	3.48	89.35	11.21	19.44	0.59	30.2	11.21	31.11	4.99	128.13	27.89	0.85	43.32	
10/09/2024 20:15	21.67	3.32	86.74	11.21	19.4	0.67	29.71	11.21	31.08	4.76	124.4	27.83	0.96	42.62	
10/09/2024 20:20	21.29	3.32	89.31	11.19	19.64	0.72	29.58	11.21	30.49	4.75	127.89	28.16	1.03	42.41	
10/09/2024 20:25	21.5	3.52	89.09	11.2	19.35	0.66	32.41	11.21	30.8	5.05	127.66	27.75	0.95	46.48	
10/09/2024 20:30	21.45	3.43	88.46	11.2	19.2	0.63	30.17	11.21	30.74	4.91	126.76	27.54	0.9	43.28	
10/09/2024 20:35	20.99	3.23	89.16	11.19	19.2	0.89	30.47	11.21	30.05	4.62	127.67	27.54	1.28	43.7	
10/09/2024 20:40	21.18	3.47	89.38	11.2	19.3	0.76	32.38	11.21	30.35	4.97	128.07	27.68	1.1	46.44	
10/09/2024 20:45	20.92	3.35	87.22	11.2	19.35	0.7	30.76	11.21	29.98	4.8	124.99	27.77	1.01	44.14	
10/09/2024 20:50	21.08	3.37	91	11.2	19.89	0.69	30.58	11.21	30.2	4.83	130.35	28.53	0.99	43.86	
10/09/2024 20:55	21.36	3.68	91.48	11.2	19.64	0.65	32.43	11.21	30.62	5.28	131.13	28.17	0.94	46.51	
10/09/2024 21:00	21.25	3.63	90.05	11.2	19.33	0.71	30.4	11.21	30.46	5.2	129.08	27.72	1.01	43.59	
10/09/2024 21:05	21.1	3.3	90.61	11.19	19.34	0.69	30.25	11.2	30.21	4.72	129.72	27.73	0.99	43.36	
10/09/2024 21:10	21.43	3.55	90.92	11.2	19.48	0.75	32.68	11.21	30.7	5.09	130.28	27.93	1.08	46.86	
10/09/2024 21:15	21.38	3.46	87.41	11.2	19.26	0.63	30.11	11.21	30.64	4.96	125.23	27.63	0.91	43.19	
10/09/2024 21:20	21.18	3.38	91.12	11.2	19.33	0.69	29.41	11.21	30.34	4.84	130.54	27.73	0.99	42.19	
10/09/2024 21:25	21.34	3.58	91.5	11.2	19.42	0.7	32.14	11.21	30.59	5.13	131.18	27.86	1	46.1	
10/09/2024 21:30	21.26	3.46	89.41	11.2	19.41	0.7	30.21	11.21	30.48	4.95	128.18	27.84	1.01	43.32	
10/09/2024 21:35	21.11	3.32	91.26	11.2	19.69	0.92	30.19	11.21	30.24	4.76	130.72	28.24	1.32	43.31	
10/09/2024 21:40	21.52	3.67	92.03	11.2	19.79	0.89	33.04	11.21	30.84	5.26	131.88	28.4	1.28	47.39	
10/09/2024 21:45	21.52	3.59	89.14	11.2	19.36	0.67	30.48	11.21	30.84	5.15	127.74	27.76	0.96	43.71	
10/09/2024 21:50	21.19	3.4	91.3	11.19	19.38	0.83	30.58	11.2	30.33	4.87	130.69	27.78	1.19	43.84	
10/09/2024 21:55	21.37	3.61	91.12	11.2	19.38	0.73	33.38	11.2	30.61	5.18	130.52	27.78	1.04	47.86	
10/09/2024 22:00	21.24	3.48	87.64	11.2	19.36	0.75	31.19	11.2	30.43	4.99	125.54	27.76	1.08	44.72	
10/09/2024 22:05	21.22	3.36	90.96	11.19	20	0.78	30.63	11.2	30.38	4.81	130.2	28.66	1.12	43.89	
10/09/2024 22:10	21.48	3.63	91.39	11.2	19.73	0.7	33.6	11.2	30.77	5.2	130.93	28.28	1	48.17	
10/09/2024 22:15	21.31	3.51	89.52	11.2	19.53	0.66	30.68	11.2	30.53	5.03	128.26	28	0.95	43.99	
10/09/2024 22:20	21.25	3.39	90.99	11.19	19.63	0.84	31.03	11.2	30.43	4.85	130.28	28.14	1.21	44.49	
10/09/2024 22:25	21.67	3.57	91.41	11.2	19.61	0.74	33.12	11.2	31.04	5.12	130.95	28.11	1.06	47.47	
10/09/2024 22:30	21.71	3.48	89.07	11.2	19.53	0.67	30.2	11.2	31.11	4.99	127.59	27.99	0.96	43.28	
10/09/2024 22:35	21.2	3.34	91.37	11.19	19.95										







Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/09/2024 08:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 08:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 08:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 08:15	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
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11/09/2024 09:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
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11/09/2024 09:50	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
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11/09/2024 11:20	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 11:25	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 11:30	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
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11/09/2024 12:25	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 12:30	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 12:35	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 12:40	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 12:45	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 12:50	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 12:55	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 13:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 13:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 13:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 13:15	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11/09/2024 13:20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11/09/2024 13:25	21.42	3.1	88.38	11.17	18.37	0.68	49.71	11.19	30.61	4.42	126.27	26.28	0.97	71.12	
11/09/2024 13:30	21.33	3.02	87.04	11.17	19.04	1.12	50.49	11.16	30.47	4.32	124.36	27.19	1.59	72.09	
11/09/2024 13:35	20.86	2.96	87.92	11.11	18.78	1.03	51.05	11.14	29.62	4.21	124.87	26.75	1.47	72.72	
11/09/2024 13:40	21.18	3.26	89.73	11.13	18.87	0.9	51.77	11.15	30.14	4.64	127.7	26.9	1.28	73.8	
11/09/2024 13:45	21.17	3.21	87.69	11.14	18.6	0.94	49.88	11.19	30.14	4.57	124.83	26.62	1.35	71.38	
11/09/2024 13:50	20.79	3	88.74	11.19	19.61	1.78	49.63	11.2	29.78	4.3	127.08	28.11	2.55	71.14	
11/09/2024 13:55	21.36	3.35	89.29	11.23	19	1.26	51.06	11.22	30.69	4.81	128.29	27.3	1.81	73.35	
11/09/2024 14:00	21.3	3.3	88.13	11.23	18.62	0.98	49.81	11.26	30.62	4.74	126.69	26.85	1.42	71.82	
11/09/2024 14:05	20.96	3.03	89.08	11.25	19.28	1.78	50.17	11.27	30.19	4.36	128.31	27.83	2.57	72.41	
11/09/2024 14:10	21.19	3.33	90.25	11.27	19.18	1.43	52.63	11.28	30.57	4.8	130.22	27.7	2.07	76.01	
11/09/2024 14:15	21.1	3.23	89.11	11.27	18.79	1.07	51.1	11.29	30.45	4.66	128.59	27.18	1.55	73.91	
11/09/2024 14:20	20.41	2.86	85.77	11.27	18.47	0.69	50.09	11.29	29.45	4.13	123.78	26.71	0.99	72.44	
11/09/2024 14:25	21.03	3.23	87.61	11.28	18.7	0.88	51.12	11.3	30.39	4.66	126.62	27.07	1.27	73.99	
11/09/2024 14:30	21.03	3.14	86.36	11.28	18.83	1.18	50.09	11.31	30.41	4.53	124.83	27.29	1.71	72.6	
11/09/2024 14:35	20.8	2.95	86.74	11.29	19.3	1.75	49.89	11.31	30.07	4.27	125.42	27.98	2.54	72.34	
11/09/2024 14:40	21.09	3.22	87.38	11.3	19.06	1.35	51.03	11.31	30.53	4.67	126.5	27.64	1.96	73.99	
11/09/2024 14:45	20.97	3.14	86.57	11.3	19.08	1.17	49.9	11.32	30.37	4.55	125.35	27.68	1.7	72.37	
11/09/2024 14:50	20.74	2.9	86.63	11.3	18.47	0.8	50.22	11.31	30.02	4.19	125.4	26.78	1.16	72.81	
11/09/2024 14:55	21.16	3.25	86.83	11.31	18.92	1.07	52.01	11.32	30.67	4.71	125.84	27.45	1.55	75.47	
11/09/2024 15:00	21.16	3.09	85.21	11.31	18.99	1.2	49.78	11.34	30.67	4.49	123.5	27.59	1.74	72.35	
11/09/2024 15:05	20.78	2.87	86.43	11.31	18.33	0.36	49.14	11.33	30.11	4.16	125.24	26.61	0.52	71.34	
11/09/2024 15:10	21.2	3.32	86.86	11.32	18.63	0.69	50.84	11.33	30.76	4.82	126.02	27.06	1	73.85	
11/09/2024 15:15	21.16	3.34	85.39	11.32	18.57	0.95	50.03	11.34	30.7	4.84	123.9	26.98	1.38	72.71	
11/09/2024 15:20	20.69	2.89	86.26	11.32	18.86	1.42	50.55	11.34	30.02	4.19	125.13	27.42	2.07	73.49	
11/09/2024 15:25	20.44	5.81	114.25	11.32	18.93	1.55	54.68	11.34	29.65	8.42	165.75	27.52	2.25	79.49	
11/09/2024 15:30	20.05	7.35	126.7	11.32	19.11	1.42	52.66	11.34	29.09	10.67	183.79	27.8	2.07	76.58	
11/09/2024 15:35	20.92	2.88	86.75	11.32	20.09	1.59	49.22	11.35	30.34	4.18	125.82	29.23	2.32	71.6	
11/09/2024 15:40	21.4	3.36	88.37	11.32	19.77	1.43	51.14	11.34	31.06	4.88	128.27	28			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/09/2024 15:45	21.34	3.33	87.73	11.33	19.05	1.23	50.19	11.35	30.98	4.83	127.36	27.71	1.79	73.02	
11/09/2024 15:50	21.03	2.92	87.17	11.32	19.47	1.22	51.16	11.35	30.52	4.23	126.49	28.32	1.77	74.42	
11/09/2024 15:55	21.33	3.26	87.88	11.33	18.92	0.9	51.5	11.34	30.97	4.74	127.62	27.52	1.31	74.9	
11/09/2024 16:00	21.14	3.2	86.51	11.33	18.96	1.14	49.32	11.35	30.7	4.65	125.66	27.59	1.66	71.76	
11/09/2024 16:05	21.16	2.98	88.44	11.32	18.81	1.23	49.36	11.35	30.7	4.33	128.35	27.37	1.8	71.81	
11/09/2024 16:10	21.35	3.38	89.12	11.33	18.96	1.07	51.28	11.34	31	4.9	129.4	27.58	1.56	74.59	
11/09/2024 16:15	21.08	3.31	88.08	11.33	19.13	1.22	50.53	11.35	30.62	4.81	127.92	27.83	1.78	73.51	
11/09/2024 16:20	20.88	2.97	88.13	11.32	18.27	0.81	50.33	11.34	30.28	4.31	127.83	26.56	1.18	73.17	
11/09/2024 16:25	21.27	3.27	88.43	11.33	18.6	0.85	51.8	11.34	30.88	4.75	128.39	27.04	1.24	75.3	
11/09/2024 16:30	21.08	3.24	87.06	11.33	19.09	1.17	51.16	11.34	30.6	4.7	126.4	27.75	1.7	74.38	
11/09/2024 16:35	21.05	2.91	88.84	11.31	18.58	0.72	51.8	11.33	30.52	4.21	128.79	27	1.04	75.27	
11/09/2024 16:40	21.74	3.4	89.8	11.32	18.9	0.83	52.17	11.34	31.56	4.94	130.35	27.46	1.21	75.82	
11/09/2024 16:45	21.79	3.34	88.94	11.33	18.95	0.97	50.08	11.34	31.64	4.84	129.12	27.55	1.4	72.8	
11/09/2024 16:50	21.18	3.08	89.71	11.32	19.38	1.36	51.25	11.34	30.71	4.47	130.13	28.16	1.98	74.5	
11/09/2024 16:55	21.42	3.36	88.84	11.32	19.45	1.33	52.41	11.34	31.09	4.88	128.94	28.27	1.94	76.2	
11/09/2024 17:00	21.37	3.23	86.04	11.32	18.96	1.21	50.98	11.34	31.03	4.69	124.9	27.56	1.76	74.12	
11/09/2024 17:05	21.09	3.05	89.8	11.31	19.64	1.78	51.38	11.34	30.56	4.42	130.14	28.57	2.59	74.73	
11/09/2024 17:10	21.73	3.43	90.31	11.31	19.2	1.31	52.95	11.34	31.5	4.97	130.92	27.91	1.91	76.94	
11/09/2024 17:15	21.66	3.32	88.42	11.31	18.83	1.07	50.88	11.33	31.41	4.82	128.2	27.36	1.55	73.91	
11/09/2024 17:20	21.22	2.5	79.38	11.27	18.98	1.11	50.59	11.32	30.62	3.6	114.54	27.55	1.61	73.42	
11/09/2024 17:25	21.57	2.95	80.3	11.27	19.31	1.22	52.33	11.32	31.16	4.25	115.96	28.02	1.77	75.92	
11/09/2024 17:30	21.4	2.92	79.76	11.28	19.02	1.1	51.28	11.32	30.91	4.22	115.19	27.6	1.6	74.4	
11/09/2024 17:35	21.18	2.5	80.17	11.26	19.31	1.28	51.55	11.32	30.55	3.61	115.62	28.02	1.86	74.79	
11/09/2024 17:40	21.71	2.8	79.85	11.27	19.53	1.36	52.41	11.32	31.33	4.04	115.22	28.32	1.97	76.03	
11/09/2024 17:45	21.61	2.71	78.86	11.27	18.97	1.13	51.58	11.32	31.18	3.91	113.8	27.53	1.64	74.85	
11/09/2024 17:50	21.13	3.06	88.93	11.29	18.97	1.06	51.2	11.32	30.58	4.43	128.67	27.52	1.54	74.3	
11/09/2024 17:55	21.81	3.48	89.13	11.3	19.11	1.05	48.78	11.31	31.58	5.03	129.08	27.69	1.53	70.68	
11/09/2024 18:00	21.92	3.49	87	11.3	18.75	0.99	43	11.29	31.75	5.05	126.01	27.12	1.43	62.2	
11/09/2024 18:05	21	2.95	88.06	11.29	18.48	0.63	42.22	11.29	30.36	4.27	127.34	26.72	0.9	61.04	
11/09/2024 18:10	21.47	3.42	89.16	11.29	18.81	0.74	43.51	11.28	31.06	4.95	128.99	27.19	1.07	62.88	
11/09/2024 18:15	21.33	3.36	87.5	11.29	18.73	0.98	42.51	11.28	30.86	4.86	126.58	27.06	1.42	61.41	
11/09/2024 18:20	21.27	3.12	89.76	11.28	19.14	1.39	42.23	11.28	30.74	4.5	129.68	27.65	2.01	61.01	
11/09/2024 18:25	21.53	3.45	89.83	11.29	19.31	1.29	45.59	11.29	31.12	4.98	129.87	27.93	1.86	65.94	
11/09/2024 18:30	21.32	3.37	88.14	11.28	18.83	0.85	45.77	11.3	30.82	4.87	127.41	27.26	1.23	66.26	
11/09/2024 18:35	21.12	3.05	90.07	11.28	18.83	0.67	45.33	11.3	30.51	4.41	130.13	27.25	0.97	65.6	
11/09/2024 18:40	21.62	3.38	90.4	11.28	18.8	0.65	47.49	11.29	31.24	4.88	130.65	27.2	0.94	68.72	
11/09/2024 18:45	21.54	3.28	89.15	11.28	18.99	0.97	45.61	11.29	31.13	4.74	128.84	27.49	1.41	66	
11/09/2024 18:50	21.21	3.08	90	11.27	18.28	0.19	45.47	11.29	30.62	4.45	129.92	26.43	0.27	65.74	
11/09/2024 18:55	21.71	3.45	89.66	11.27	18.64	0.49	47.76	11.29	31.35	4.99	129.47	26.95	0.71	69.05	
11/09/2024 19:00	21.74	3.41	87.99	11.28	18.97	0.96	45.83	11.29	31.4	4.92	127.07	27.44	1.38	66.29	
11/09/2024 19:05	21.21	3.03	88.73	11.27	19.14	1.14	45.23	11.29	30.61	4.38	128.08	27.68	1.65	65.42	
11/09/2024 19:10	21.67	3.28	88.02	11.28	19.44	1.15	46.61	11.29	31.3	4.73	127.12	28.12	1.66	67.42	
11/09/2024 19:15	21.67	3.2	86.43	11.28	19.11	0.99	44.65	11.29	31.3	4.62	124.82	27.65	1.44	64.6	
11/09/2024 19:20	21.24	3.06	89.41	11.27	18.8	0.89	45.56	11.29	30.66	4.42	129.07	27.19	1.29	65.92	
11/09/2024 19:25	21.6	3.33	88.48	11.28	19.01	0.87	46.57	11.29	31.2	4.81	127.81	27.5	1.26	67.35	
11/09/2024 19:30	21.54	3.22	86.75	11.28	19.24	1.19	45.23	11.29	31.12	4.65	125.32	27.84	1.72	65.43	
11/09/2024 19:35	21.21	3.08	89.4	11.27	19.56	1.72	45.3	11.29	30.61	4.45	129.02	28.31	2.49	65.54	
11/09/2024 19:40	21.63	3.41	89.14	11.27	19.44	1.37	47.01	11.29	31.23	4.92	128.73	28.13	1.98	68.01	
11/09/2024 19:45	21.61	3.33	87.15	11.28	19.07	1.09	45.65	11.29	31.2	4.82	125.86	27.58	1.58	66.02	
11/09/2024 19:50	21.27	3.07	88.59	11.27	19.47	1.27	46.11	11.29	30.7	4.43	127.88	28.16	1.83	66.69	
11/09/2024 19:55	21.56	3.45	90.2	11.28	19.13	0.96	48.02	11.29	31.14	4.98	130.31	27.66	1.39	69.43	
11/09/2024 20:00	21.52	3.4	89.76	11.28	18.99	1.09	46.41	11.29	31.09	4.91	129.67	27.47	1.58	67.12	
11/09/2024 20:05	21.29	3.05	88.77	11.26	19.11	1.22	46.91	11.29	30.71	4.4	128.06	27.65	1.76	67.86	
11/09/2024 20:10	21.56	3.39	89.09	11.27	19.3	1.26	48.42	11.29	31.12	4.89	128.61	27.92	1.83	70.03	
11/09/2024 20:15	21.33	3.32	87.48	11.27	19.07	1.09	46.8	11.29	30.79	4.79	126.29	27.58	1.58	67.67	
11/09/2024 20:20	21.16	3.05	89.61	11.26	18.97	1.03	46.92	11.28	30.52	4.39	129.24	27.42	1.49	67.82	
11/09/2024 20:25	21.68	3.43	91.4	11.27	18.85	0.87	48.88	11.28	31.31	4.95	131.97	27.24	1.26	70.65	
11/09/2024 20:30	21.59	3.38	90.88	11.28	18.94	1.11	47.3	11.29	31.18	4.88	131.25	27.4	1.61	68.4	
11/09/2024 20:35	21.14	3.13	90.73	11.26	19.2	1.17	47.31	11.29	30.5	4.51	130.87	27.76	1.7	68.4	
11/09/2024 20:40	21.54	3.47	90.03	11.27	19.08	1.03	50.09	11.28	31.1	5.01	130	27.58	1.49	72.4	
11/09/2024 20:45	21.56	3.5	88.59	11.28	19.03	1.17	48.04	11.28	31.14	5.06	127.96	27.51	1.69	69.45	
11/09/2024 20:50	21.15	3.1	89.41	11.26	18.66	1	48.56	11.28	30.5	4.47	128.91	26.96	1.45	70.19	
11/09/2024 20:55	21.6	3.43	90.03	11.27	18.86	0.93	50.16	11.28	31.17	4.95	129.9	27.25	1.35	72.49	
11/09/2024 21:00	21.52	3.39	88.79	11.27	18.93	1.12	48.31	11.28	31.06	4.89	128.12	27.36	1.62	69.82	
11/09/2024 21:05	21.12	3.11	90.39	11.26	19.48	1.59	48.66	11.29	30.47	4.48	130.37	28.18	2.31	70.36	
11/09/2024 21:10	21.69	3.55	90.81	11.27	19.42	1.34	50.29	11.29	31.31	5.12	131.06	28.07	1.94	72.71	
11/09/2024 21:15	21.63	3.52	89.76	11.27	18.82	1.13	49.01	11.28	31.22	5.08	129.57	27.21	1.63	70.84	
11/09/2024 21:20	21.2	3.2	90.87	11.26	18.75	1.36	49.23	11.28	30.56	4.62	131.03	27.1	1.97	71.17	
11/09/2024 21:25	21.65	3.44	90.87	11.26	18.92	1.2	50.56	11.28	31.24	4.97	131.08	27.35	1.74	73.06	
11/09/2024 21:30	21.7	3.47	89.79	11.26	18.88	1.16	49.09	11.28	31.31	5.01	129.53	27.28	1.67	70.93	
11/09/2024 21:35	21.21	3.02	89.69	11.26	18.75	1.09	49.08	11.28	30.58	4.35	129.28	27.08	1.58	70.88	
11/09/2024 21:40	21.76	3.36	88.63	11.26	19.15	1.05	50.01	11.28	31.38	4.84	127.84	27.66	1.51	72.23	
11/09/2024 21:45	21.79	3.29	86.87	11.26	19.11	1.17	49.11	11.28	31.43	4.74	125.32	27.61	1.69	70.95	
11/09/2															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/09/2024 23:30	21.72	3.78	89.79	11.24	19.44	1.63	50.69	11.26	31.25	5.43	129.18	28.02	2.35	73.07	
11/09/2024 23:35	21.32	3.6	91.13	11.23	19.53	1.81	51.58	11.26	30.64	5.17	130.99	28.16	2.61	74.35	
11/09/2024 23:40	21.54	4.03	92.34	11.24	19.25	1.6	53.43	11.25	30.99	5.81	132.87	27.74	2.31	77	
11/09/2024 23:45	21.48	4.06	90.88	11.24	18.99	1.68	52.73	11.25	30.92	5.85	130.79	27.36	2.42	75.97	
11/09/2024 23:50	21.57	3.64	90.66	11.23	19.67	1.91	52.06	11.26	31	5.23	130.33	28.35	2.75	75.04	
11/09/2024 23:55	21.88	3.99	91.04	11.24	19.51	1.72	53.63	11.25	31.47	5.74	130.98	28.11	2.48	77.28	
12/09/2024 00:00	21.9	3.99	89.79	11.24	19.17	1.77	52.28	11.26	31.51	5.74	129.2	27.65	2.56	75.4	
12/09/2024 00:05	21.43	3.69	90.97	11.24	19.31	1.86	52.28	11.26	30.83	5.3	130.87	27.85	2.68	75.39	
12/09/2024 00:10	21.91	3.93	90.85	11.25	19.34	1.71	53.79	11.26	31.55	5.67	130.82	27.88	2.46	77.56	
12/09/2024 00:15	21.82	3.82	89.57	11.25	19.17	1.69	51.95	11.26	31.42	5.51	129	27.63	2.44	74.9	
12/09/2024 00:20	21.44	3.58	90.3	11.23	19.67	1.86	52.34	11.26	30.82	5.15	129.79	28.35	2.68	75.45	
12/09/2024 00:25	21.81	3.89	90.2	11.23	19.48	1.67	53.06	11.25	31.35	5.59	129.66	28.06	2.41	76.43	
12/09/2024 00:30	21.75	3.86	89.02	11.23	19.27	1.77	51.39	11.25	31.26	5.54	127.97	27.76	2.55	74.02	
12/09/2024 00:35	21.32	3.63	90.38	11.22	19.33	1.91	51.36	11.24	30.62	5.22	129.79	27.82	2.75	73.93	
12/09/2024 00:40	21.75	3.93	91.15	11.23	19.39	1.79	53.06	11.25	31.26	5.65	131.01	27.92	2.58	76.39	
12/09/2024 00:45	21.73	3.88	89.48	11.23	19.39	1.88	52.26	11.25	31.24	5.57	128.63	27.93	2.71	75.27	
12/09/2024 00:50	21.43	3.72	90.48	11.23	19.67	2.02	51.42	11.25	30.8	5.35	130	28.33	2.9	74.06	
12/09/2024 00:55	21.72	4.1	91.85	11.23	19.44	1.94	54.21	11.25	31.24	5.89	132.09	28	2.8	78.07	
12/09/2024 01:00	21.65	4.09	90.55	11.24	19.04	1.95	53.24	11.25	31.14	5.88	130.27	27.44	2.81	76.72	
12/09/2024 01:05	21.58	3.75	90.89	11.22	19.11	2.08	52.77	11.25	31	5.39	130.58	27.53	2.99	76	
12/09/2024 01:10	21.88	3.99	89.05	11.24	19.24	1.89	53.25	11.25	31.48	5.75	128.09	27.71	2.73	76.69	
12/09/2024 01:15	21.7	3.99	87.04	11.24	19.05	1.92	52.23	11.25	31.23	5.74	125.23	27.45	2.76	75.26	
12/09/2024 01:20	21.38	3.62	89.33	11.22	19.16	2.06	52.14	11.25	30.71	5.2	128.34	27.61	2.97	75.14	
12/09/2024 01:25	21.7	4.02	90.04	11.24	19.13	1.85	53.65	11.25	31.21	5.78	129.51	27.57	2.67	77.3	
12/09/2024 01:30	21.61	3.94	88.84	11.24	19.21	1.97	53.08	11.26	31.09	5.67	127.81	27.68	2.84	76.5	
12/09/2024 01:35	21.49	3.79	90.15	11.23	19.33	2.22	55.33	11.26	30.9	5.45	129.63	27.86	3.2	79.76	
12/09/2024 01:40	21.71	4.08	90.03	11.24	19.22	2.02	56.09	11.26	31.26	5.88	129.62	27.72	2.91	80.89	
12/09/2024 01:45	21.62	4.06	88.94	11.25	19.02	1.99	54.32	11.26	31.13	5.84	128.07	27.43	2.87	78.37	
12/09/2024 01:50	21.43	3.7	90.25	11.24	19.38	2.02	53.42	11.26	30.82	5.31	129.8	27.94	2.91	77.04	
12/09/2024 01:55	21.91	3.99	90.53	11.24	19.36	1.89	54.88	11.26	31.53	5.75	130.32	27.91	2.73	79.12	
12/09/2024 02:00	21.74	3.95	89.75	11.25	19.09	1.95	54.09	11.26	31.3	5.69	129.21	27.53	2.82	77.98	
12/09/2024 02:05	21.36	3.7	89.89	11.23	19.47	2.02	54.09	11.25	30.71	5.32	129.21	28.06	2.91	77.96	
12/09/2024 02:10	21.85	4.03	89.84	11.23	19.23	1.86	55.82	11.25	31.42	5.79	129.2	27.71	2.68	80.41	
12/09/2024 02:15	21.87	3.97	88.37	11.24	19.06	1.97	54.46	11.25	31.46	5.71	127.1	27.46	2.84	78.47	
12/09/2024 02:20	21.42	3.77	90.56	11.23	19.53	2.11	54.92	11.26	30.78	5.42	130.12	28.15	3.04	79.16	
12/09/2024 02:25	21.72	4.01	90.16	11.23	19.33	1.93	56.41	11.25	31.23	5.76	129.63	27.84	2.77	81.26	
12/09/2024 02:30	21.61	3.93	88.5	11.23	18.91	1.92	54.06	11.26	31.08	5.66	127.25	27.25	2.76	77.92	
12/09/2024 02:35	21.34	3.63	88.94	11.22	18.95	1.94	53.89	11.25	30.66	5.21	127.76	27.31	2.79	77.65	
12/09/2024 02:40	21.71	3.91	89.16	11.23	18.93	1.8	56.17	11.25	31.2	5.63	128.17	27.26	2.59	80.89	
12/09/2024 02:45	21.59	3.83	87.74	11.23	18.91	1.98	55.12	11.25	31.03	5.51	126.13	27.22	2.86	79.37	
12/09/2024 02:50	21.5	3.62	89.28	11.23	19.08	2.03	53.61	11.25	30.89	5.21	128.27	27.47	2.93	77.19	
12/09/2024 02:55	22.02	4.01	89.92	11.23	19.18	1.89	55.23	11.25	31.65	5.77	129.23	27.61	2.71	79.52	
12/09/2024 03:00	21.98	3.96	88.66	11.23	19.04	1.96	54.21	11.25	31.59	5.7	127.42	27.42	2.82	78.09	
12/09/2024 03:05	21.22	3.6	87.85	11.22	19.39	2.11	55.02	11.25	30.49	5.17	126.2	27.93	3.04	79.25	
12/09/2024 03:10	21.52	3.9	89.11	11.23	19.2	1.96	56.58	11.25	30.94	5.61	128.09	27.66	2.82	81.49	
12/09/2024 03:15	21.5	3.91	89.73	11.23	19.29	1.99	55.85	11.25	30.9	5.62	128.96	27.8	2.87	80.46	
12/09/2024 03:20	21.45	3.69	89.27	11.23	19.39	2.2	56.67	11.25	30.82	5.31	128.26	27.94	3.18	81.67	
12/09/2024 03:25	21.74	4.06	91.04	11.23	19.31	2.03	57.99	11.25	31.27	5.84	130.92	27.83	2.93	83.56	
12/09/2024 03:30	21.58	3.97	89.25	11.23	19.04	2.1	57.43	11.25	31.04	5.71	128.36	27.44	3.03	82.75	
12/09/2024 03:35	21.11	3.94	93.26	11.23	19.14	2.17	56.78	11.25	30.35	5.66	134.08	27.58	3.13	81.82	
12/09/2024 03:40	21.65	4.25	93.61	11.23	19	2.01	59.55	11.25	31.13	6.1	134.59	27.38	2.9	85.81	
12/09/2024 03:45	21.72	4.25	93.33	11.23	19	2.11	58.6	11.25	31.23	6.11	134.19	27.38	3.04	84.44	
12/09/2024 03:50	21.22	3.96	93.97	11.23	19.36	2.2	58.77	11.25	30.49	5.69	135.04	27.89	3.18	84.65	
12/09/2024 03:55	21.75	4.22	94.24	11.24	19.13	2.06	61.11	11.25	31.28	6.07	135.54	27.55	2.97	88.03	
12/09/2024 04:00	21.73	4.13	92.57	11.24	19.02	2.16	59.04	11.26	31.26	5.94	133.15	27.41	3.11	85.12	
12/09/2024 04:05	21.18	4.06	95.52	11.23	19.17	2.19	58.23	11.26	30.44	5.84	137.28	27.64	3.16	83.95	
12/09/2024 04:10	21.45	4.38	96.45	11.24	18.97	2.11	61.56	11.25	30.86	6.3	138.75	27.34	3.04	88.71	
12/09/2024 04:15	21.31	4.31	95.43	11.24	18.8	2.35	63.63	11.25	30.67	6.21	137.33	27.08	3.38	91.66	
12/09/2024 04:20	21.11	4.49	102.35	11.22	19.17	2.6	64.73	11.25	30.33	6.45	147.03	27.62	3.74	93.24	
12/09/2024 04:25	21.28	4.77	103.43	11.23	18.94	2.45	67.46	11.25	30.6	6.86	148.69	27.28	3.53	97.15	
12/09/2024 04:30	21.25	4.74	101.63	11.23	18.59	2.43	67.15	11.25	30.55	6.81	146.1	26.78	3.51	96.71	
12/09/2024 04:35	20.79	4.58	103.56	11.22	18.55	2.61	68.08	11.25	29.85	6.58	148.7	26.71	3.76	98.03	
12/09/2024 04:40	21.12	4.91	104.74	11.23	18.58	2.45	68.54	11.25	30.36	7.06	150.59	26.76	3.53	98.69	
12/09/2024 04:45	20.96	4.81	103.35	11.23	18.56	2.43	67.32	11.25	30.14	6.91	148.61	26.72	3.5	96.93	
12/09/2024 04:50	20.9	4.56	104.56	11.22	18.94	2.69	68	11.25	30.01	6.55	150.17	27.26	3.87	97.9	
12/09/2024 04:55	21.22	4.85	104.88	11.23	18.86	2.49	69.15	11.25	30.48	6.98	150.68	27.15	3.58	99.56	
12/09/2024 05:00	21.23	4.86	103.85	11.23	18.57	2.44	67.38	11.25	30.51	6.98	149.21	26.73	3.51	97.03	
12/09/2024 05:05	20.85	4.57	103.54	11.22	18.39	2.56	66.98	11.24	29.94	6.56	148.67	26.46	3.69	96.39	
12/09/2024 05:10	21.36	4.85	104	11.23	18.48	2.39	68.47	11.24	30.69	6.96	149.45	26.59	3.44	98.54	
12/09/2024 05:15	21.38	4.83	103.88	11.23	18.6	2.49	68.12	11.24	30.72	6.94	149.28	26.77	3.59	98.06	
12/09/2024 05:20	20.94	4.52	103.57	11.22	18.94	2.67	67.7	11.24	30.06	6.48	148.67	27.26	3.85	97.44	
12/09/2024 05:25	21.49	4.95	104.94	11.22	18.9	2.48	69.17	11.24	30.87	7.11	150.71	27.2	3.57	99.54	
12/09/2024 05:30	21.56	4.9	103.65	11.22	18.64	2.48	67.9	11.24	30.97	7.04	148.84	26.83	3.57	97.73	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
12/09/2024 07:15	21.78	4.06	93.06	11.21	18.96	2.02	59.93	11.23	31.25	5.83	133.51	27.24	2.91	86.13	
12/09/2024 07:20	21.18	3.82	94.23	11.2	19.06	2.22	61.03	11.23	30.36	5.48	135.07	27.4	3.19	87.73	
12/09/2024 07:25	21.43	4.18	94.71	11.22	18.97	2	61.73	11.23	30.76	5.99	135.93	27.27	2.87	88.73	
12/09/2024 07:30	21.34	4.1	93.58	11.22	18.88	1.95	60.67	11.23	30.64	5.89	134.35	27.14	2.81	87.24	
12/09/2024 07:35	21.16	3.89	94.95	11.21	18.88	2.08	60.72	11.23	30.35	5.57	136.18	27.13	2.99	87.26	
12/09/2024 07:40	21.42	4.17	95.68	11.21	18.88	1.9	61.75	11.23	30.74	5.98	137.31	27.13	2.74	88.75	
12/09/2024 07:45	21.26	4.12	94.92	11.21	18.83	1.97	60.75	11.23	30.51	5.91	136.22	27.07	2.83	87.3	
12/09/2024 07:50	21.12	3.86	95.26	11.21	18.92	2.08	60.05	11.23	30.29	5.54	136.64	27.19	2.99	86.28	
12/09/2024 07:55	21.68	4.05	94.79	11.21	18.92	1.91	61.29	11.22	31.1	5.81	135.94	27.19	2.75	88.04	
12/09/2024 08:00	21.7	4.02	94.73	11.21	18.92	1.96	60.88	11.23	31.12	5.76	135.84	27.19	2.82	87.49	
12/09/2024 08:05	21.22	3.71	93.5	11.2	19.3	2.09	60.31	11.23	30.4	5.31	133.95	27.73	3.01	86.68	
12/09/2024 08:10	21.5	4.14	95.13	11.2	19.12	1.93	62.04	11.23	30.83	5.94	136.38	27.48	2.78	89.13	
12/09/2024 08:15	21.52	4.19	94.35	11.21	18.91	1.85	61.05	11.22	30.86	6.01	135.31	27.17	2.66	87.69	
12/09/2024 08:20	21.04	3.81	94.82	11.2	18.97	2.06	61.69	11.22	30.15	5.46	135.85	27.24	2.96	88.6	
12/09/2024 08:25	21.88	4.05	94.2	11.21	19.12	1.93	62.43	11.22	31.38	5.81	135.09	27.47	2.77	89.67	
12/09/2024 08:30	22.09	4.02	93.7	11.21	18.9	1.87	60.2	11.22	31.69	5.76	134.38	27.16	2.68	86.49	
12/09/2024 08:35	21.27	3.58	91.76	11.2	19.03	2.03	59.22	11.23	30.48	5.13	131.48	27.34	2.92	85.08	
12/09/2024 08:40	21.62	3.9	92.15	11.21	19.1	1.91	60.15	11.23	31.02	5.59	132.16	27.44	2.75	86.43	
12/09/2024 08:45	21.63	3.91	91.05	11.21	18.93	1.83	59.36	11.23	31.02	5.61	130.6	27.22	2.62	85.32	
12/09/2024 08:50	21.24	3.53	90.59	11.21	18.92	1.89	58.95	11.23	30.46	5.06	129.9	27.2	2.72	84.75	
12/09/2024 08:55	21.61	3.74	90.82	11.21	18.97	1.75	59.31	11.23	31	5.37	130.31	27.28	2.52	85.26	
12/09/2024 09:00	21.63	3.69	90.45	11.21	18.89	1.75	59.07	11.23	31.02	5.29	129.74	27.14	2.51	84.87	
12/09/2024 09:05	21.3	3.48	89.89	11.2	19.11	1.95	58.17	11.22	30.5	4.98	128.75	27.45	2.81	83.55	
12/09/2024 09:10	21.64	3.77	91.41	11.2	19.15	1.79	60.43	11.22	31.02	5.41	131.05	27.51	2.57	86.8	
12/09/2024 09:15	21.53	3.73	90.54	11.21	18.76	1.72	60.13	11.23	30.87	5.35	129.82	26.97	2.47	86.44	
12/09/2024 09:20	21.3	3.47	91.33	11.2	18.75	1.89	61.28	11.23	30.53	4.97	130.93	26.95	2.72	88.08	
12/09/2024 09:25	21.8	3.71	91.71	11.21	19.06	1.74	61.76	11.23	31.28	5.32	131.57	27.4	2.5	88.75	
12/09/2024 09:30	21.78	3.61	90.34	11.21	18.92	1.71	59.99	11.23	31.25	5.19	129.6	27.19	2.46	86.22	
12/09/2024 09:35	21.48	3.39	91.8	11.2	18.94	1.94	59.55	11.23	30.78	4.86	131.57	27.22	2.79	85.58	
12/09/2024 09:40	21.6	3.77	92.58	11.21	19.09	1.76	61.21	11.23	30.98	5.41	132.77	27.43	2.53	87.94	
12/09/2024 09:45	21.56	3.81	92.77	11.21	19.08	1.63	59.59	11.22	30.92	5.47	133.04	27.41	2.34	85.59	
12/09/2024 09:50	21.31	3.41	91.45	11.2	19.17	1.83	60.03	11.23	30.54	4.88	131.05	27.54	2.63	86.25	
12/09/2024 09:55	21.63	3.7	91.87	11.2	19.2	1.69	60.96	11.22	31	5.31	131.7	27.59	2.43	87.57	
12/09/2024 10:00	21.57	3.68	90.83	11.2	18.88	1.58	59.21	11.23	30.92	5.28	130.22	27.13	2.27	85.09	
12/09/2024 10:05	21.36	3.31	91.04	11.2	19.16	1.86	59.78	11.23	30.61	4.75	130.49	27.53	2.67	85.92	
12/09/2024 10:10	22.03	3.65	91.26	11.21	19.1	1.59	60.86	11.23	31.61	5.24	130.93	27.45	2.28	87.47	
12/09/2024 10:15	22.13	3.63	89.88	11.21	19	1.59	58.96	11.23	31.75	5.2	128.99	27.31	2.28	84.75	
12/09/2024 10:20	21.23	3.34	90.09	11.21	19.33	1.78	59.41	11.23	30.45	4.79	129.23	27.78	2.56	85.39	
12/09/2024 10:25	21.82	3.66	91.61	11.22	19.09	1.57	61.65	11.23	31.32	5.25	131.51	27.45	2.26	88.63	
12/09/2024 10:30	21.79	3.59	90.63	11.22	18.97	1.55	59.44	11.24	31.28	5.16	130.1	27.29	2.23	85.51	
12/09/2024 10:35	21.21	3.34	91.4	11.21	19.22	1.66	60.11	11.24	30.44	4.8	131.14	27.65	2.38	86.47	
12/09/2024 10:40	21.75	3.71	91.71	11.22	19.16	1.55	61.37	11.24	31.24	5.33	131.69	27.56	2.23	88.29	
12/09/2024 10:45	21.62	3.62	90.49	11.22	18.97	1.57	59.15	11.24	31.05	5.2	129.95	27.29	2.26	85.09	
12/09/2024 10:50	21.21	3.24	91.01	11.22	18.72	1.3	59.34	11.24	30.44	4.65	130.62	26.93	1.87	85.37	
12/09/2024 10:55	21.58	3.54	91.51	11.22	18.89	1.34	60.53	11.24	30.99	5.09	131.44	27.19	1.93	87.08	
12/09/2024 11:00	21.63	3.52	90.36	11.22	18.86	1.58	59.87	11.24	31.06	5.05	129.78	27.15	2.28	86.19	
12/09/2024 11:05	21.28	3.26	90.88	11.22	18.66	1.7	59.97	11.25	30.55	4.68	130.45	26.86	2.45	86.34	
12/09/2024 11:10	21.69	3.66	91.84	11.22	18.88	1.47	60.97	11.24	31.16	5.26	131.92	27.17	2.11	87.74	
12/09/2024 11:15	21.68	3.65	91.28	11.23	18.83	1.58	60.9	11.24	31.15	5.25	131.15	27.11	2.28	87.68	
12/09/2024 11:20	21.13	3.22	90.37	11.22	19.03	2.09	60.98	11.25	30.35	4.63	129.81	27.42	3.02	87.86	
12/09/2024 11:25	21.79	3.6	90.92	11.23	19.05	1.62	61.49	11.25	31.33	5.17	130.75	27.44	2.34	88.57	
12/09/2024 11:30	21.66	3.57	90.18	11.24	19.06	1.57	59.05	11.25	31.15	5.13	129.7	27.47	2.26	85.1	
12/09/2024 11:35	21.12	3.08	89.96	11.23	19.56	1.88	58.92	11.26	30.35	4.42	129.31	28.2	2.7	84.93	
12/09/2024 11:40	21.9	3.61	91.42	11.24	19.24	1.54	61.32	11.25	31.51	5.2	131.53	27.73	2.22	88.36	
12/09/2024 11:45	22	3.6	90.89	11.24	18.81	1.59	60.2	11.26	31.66	5.19	130.8	27.13	2.29	86.79	
12/09/2024 11:50	21.04	3.17	90.22	11.23	18.81	1.5	59.63	11.26	30.25	4.55	129.71	27.12	2.16	85.94	
12/09/2024 11:55	21.63	3.54	90.78	11.24	18.93	1.37	60.99	11.26	31.12	5.09	130.61	27.29	1.97	87.91	
12/09/2024 12:00	21.67	3.47	89.88	11.24	19.09	1.65	58.51	11.26	31.18	4.99	129.33	27.53	2.39	84.4	
12/09/2024 12:05	20.96	3.15	90.5	11.23	19.11	1.61	59.61	11.26	30.15	4.52	130.15	27.57	2.32	85.99	
12/09/2024 12:10	21.55	3.53	91.04	11.22	19.25	1.63	60.31	11.25	30.96	5.08	130.78	27.73	2.35	86.88	
12/09/2024 12:15	21.61	3.52	89.93	11.22	18.88	1.48	59.34	11.24	31.04	5.05	129.18	27.16	2.13	85.37	
12/09/2024 12:20	21.1	3.17	90.14	11.21	19.56	1.89	59.11	11.24	30.27	4.55	129.33	28.15	2.72	85.06	
12/09/2024 12:25	21.7	3.51	90.61	11.22	19.25	1.62	60.47	11.24	31.16	5.03	130.11	27.69	2.33	86.99	
12/09/2024 12:30	21.57	3.4	89.44	11.22	18.76	1.49	59.15	11.23	30.98	4.88	128.46	26.98	2.14	85.07	
12/09/2024 12:35	21.06	3.13	90.18	11.21	19.23	1.22	59.09	11.23	30.22	4.5	129.37	27.66	1.75	84.97	
12/09/2024 12:40	21.48	3.54	91.41	11.22	18.85	1.05	61.13	11.23	30.84	5.09	131.19	27.1	1.52	87.89	
12/09/2024 12:45	21.53	3.56	91.36	11.21	18.7	1.5	58.71	11.23	30.9	5.11	131.11	26.89	2.16	84.42	
12/09/2024 12:50	21.04	3.1	88.57	11.21	19.52	2.09	56.89	11.24	30.19	4.44	127.06	28.08	3.01	81.85	
12/09/2024 12:55	21.74	3.39	89.6	11.21	19.19	1.57	58.55	11.24	31.2	4.86	128.57	27.6	2.26	84.2	
12/09/2024 13:00	21.8	3.36	88.56	11.21	19.05	1.53	58.38	11.24	31.28	4.82	127.08	27.4	2.2	84.01	
12/09/2024 13:05	21.09	2.93	88.04	11.22	19.45	1.47	57.84	11.24	30.27	4.2	126.36	28	2.11	83.25	
12/09/2024 13:10	21.69	3.32	87.75	11.22	18.92	1.07	58.61	11.24	31.14	4.77	126	27.22	1.54	84.32	
12/09/2024 13:15	21.55	3.3	86.96	11.22	18.83	1.34	57.53	11.25	30.95	4.73	124.88	27.11	1.93	82.84	
12/09/202															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
12/09/2024 15:00	21.11	3.13	85.34	11.24	18.89	1.07	55.05	11.25	30.37	4.5	122.77	27.22	1.55	79.32	
12/09/2024 15:05	20.9	2.62	85.2	11.22	18.91	0.89	54.89	11.25	30.02	3.77	122.39	27.23	1.28	79.05	
12/09/2024 15:10	21.57	3.04	84.86	11.23	18.8	0.83	56.05	11.25	31	4.37	121.97	27.08	1.2	80.71	
12/09/2024 15:15	21.56	2.91	83.36	11.23	18.94	1.16	55.44	11.25	30.99	4.19	119.81	27.29	1.68	79.89	
12/09/2024 15:20	21.03	2.75	85.95	11.23	18.94	1.22	55.48	11.26	30.23	3.95	123.55	27.3	1.76	79.99	
12/09/2024 15:25	21.26	3.26	86.59	11.24	18.86	1.02	56.46	11.26	30.6	4.69	124.62	27.19	1.47	81.39	
12/09/2024 15:30	21.06	3.31	87.09	11.24	18.94	1.13	55.2	11.26	30.32	4.77	125.37	27.32	1.63	79.63	
12/09/2024 15:35	20.76	2.69	85.46	11.24	18.94	1.22	55.16	11.27	29.88	3.87	122.99	27.32	1.76	79.58	
12/09/2024 15:40	22.06	3.73	86.02	11.26	18.92	1.06	55.79	11.27	31.8	5.38	124	27.3	1.53	80.5	
12/09/2024 15:45	22.31	3.8	85.59	11.26	18.86	1.2	54.93	11.27	32.18	5.48	123.43	27.23	1.73	79.29	
12/09/2024 15:50	20.8	2.71	85.41	11.24	19.28	1.25	54.89	11.27	29.93	3.9	122.93	27.82	1.8	79.21	
12/09/2024 15:55	21.13	3.13	87.46	11.25	18.96	1.02	56.17	11.27	30.44	4.51	125.97	27.37	1.47	81.04	
12/09/2024 16:00	20.96	3.1	87.09	11.25	18.67	1.16	55.66	11.27	30.2	4.47	125.45	26.95	1.68	80.35	
12/09/2024 16:05	20.88	2.76	87.21	11.24	19.3	1.99	56.09	11.28	30.05	3.98	125.54	27.87	2.87	81.01	
12/09/2024 16:10	21.19	3.2	88.13	11.25	19.13	1.5	56.81	11.27	30.52	4.61	126.91	27.62	2.17	82.02	
12/09/2024 16:15	21.17	3.2	87.33	11.25	18.99	1.27	55.82	11.27	30.49	4.61	125.76	27.4	1.83	80.56	
12/09/2024 16:20	21.1	3.02	88.17	11.24	18.95	1.39	56.06	11.27	30.37	4.34	126.91	27.35	2.01	80.91	
12/09/2024 16:25	21.12	3.03	89.39	11.24	18.76	1.15	57.85	11.27	30.39	4.37	128.66	27.07	1.66	83.47	
12/09/2024 16:30	20.81	2.83	89.89	11.24	18.82	1.21	57.19	11.27	29.94	4.07	129.33	27.16	1.75	82.52	
12/09/2024 16:35	21.16	3.16	87.77	11.24	19.2	1.61	56.34	11.27	30.45	4.55	126.3	27.71	2.32	81.3	
12/09/2024 16:40	21.76	3.62	89.37	11.24	19.18	1.45	57.41	11.27	31.32	5.21	128.63	27.67	2.1	82.82	
12/09/2024 16:45	21.78	3.67	90.02	11.24	19.08	1.46	57.06	11.27	31.35	5.29	129.55	27.54	2.11	82.34	
12/09/2024 16:50	21.1	3.22	88.16	11.24	19.08	1.23	57.28	11.26	30.35	4.63	126.79	27.52	1.78	82.63	
12/09/2024 16:55	21.65	3.68	89.58	11.24	19.12	1.18	58.37	11.26	31.15	5.29	128.92	27.58	1.71	84.16	
12/09/2024 17:00	21.55	3.64	88.66	11.24	18.83	1.28	57.31	11.26	31.01	5.24	127.59	27.15	1.85	82.62	
12/09/2024 17:05	21.29	3.33	89.61	11.23	19.91	1.84	57.06	11.26	30.6	4.79	128.81	28.7	2.66	82.27	
12/09/2024 17:10	21.86	3.68	89.8	11.24	19.49	1.48	57.9	11.26	31.44	5.3	129.16	28.09	2.14	83.45	
12/09/2024 17:15	22.06	3.72	89.8	11.24	18.88	1.3	57.08	11.26	31.73	5.35	129.16	27.22	1.87	82.27	
12/09/2024 17:20	21.04	3.06	86.45	11.21	18.36	1.11	56.89	11.25	30.19	4.39	124.07	26.45	1.6	81.95	
12/09/2024 17:25	22.07	3.25	80.72	11.2	18.63	1.1	57.59	11.25	31.64	4.66	115.7	26.82	1.58	82.93	
12/09/2024 17:30	22.3	3.28	79.61	11.2	18.92	1.5	57.51	11.25	31.96	4.71	114.12	27.25	2.16	82.84	
12/09/2024 17:35	21.41	2.81	80.81	11.19	20	2.03	58.45	11.26	30.65	4.02	115.68	28.83	2.93	84.25	
12/09/2024 17:40	21.75	3.2	81.91	11.19	19.6	1.69	58.87	11.25	31.14	4.58	117.29	28.23	2.43	84.76	
12/09/2024 17:45	21.64	3.17	82.11	11.19	18.94	1.49	58.49	11.24	30.99	4.54	117.57	27.27	2.15	84.19	
12/09/2024 17:50	21.31	2.93	82.81	11.2	20.16	2.28	59.13	11.25	30.53	4.2	118.63	29.04	3.29	85.18	
12/09/2024 17:55	21.7	3.81	91.8	11.22	19.73	1.92	60	11.25	31.17	5.47	131.84	28.4	2.77	86.38	
12/09/2024 18:00	21.6	3.76	90.96	11.22	18.66	1.31	57.64	11.23	31.03	5.41	130.66	26.83	1.89	82.9	
12/09/2024 18:05	21.11	3.34	90.86	11.21	17.64	0.64	51.23	11.21	30.27	4.79	130.32	25.3	0.92	73.48	
12/09/2024 18:10	21.46	3.69	91.66	11.21	17.94	0.82	54.39	11.2	30.79	5.29	131.52	25.71	1.17	77.99	
12/09/2024 18:15	21.44	3.8	91.63	11.21	17.96	1.04	51.22	11.2	30.76	5.45	131.49	25.75	1.49	73.41	
12/09/2024 18:20	20.87	3.08	89.93	11.2	18	1	51.19	11.2	29.91	4.42	128.86	25.8	1.43	73.36	
12/09/2024 18:25	21.76	3.87	91.93	11.21	18.31	1.08	52.21	11.2	31.21	5.55	131.86	26.24	1.55	74.82	
12/09/2024 18:30	21.88	3.94	92.64	11.21	18.48	1.28	50.51	11.2	31.38	5.65	132.88	26.47	1.84	72.38	
12/09/2024 18:35	21.25	3.3	90.03	11.2	19.45	2.25	53.16	11.22	30.44	4.73	128.95	27.93	3.23	76.33	
12/09/2024 18:40	21.55	3.62	91.41	11.2	19.21	1.83	55.8	11.22	30.88	5.19	130.98	27.58	2.63	80.09	
12/09/2024 18:45	21.45	3.54	90.28	11.2	18.6	1.27	55.77	11.21	30.74	5.07	129.37	26.69	1.82	80.01	
12/09/2024 18:50	21.01	3.25	90.66	11.19	18.2	0.98	55.84	11.21	30.06	4.65	129.72	26.1	1.41	80.08	
12/09/2024 18:55	21.82	3.69	90.8	11.19	18.66	1.22	56.27	11.21	31.23	5.29	129.95	26.76	1.75	80.68	
12/09/2024 19:00	21.86	3.63	89.15	11.19	18.79	1.41	54.84	11.2	31.28	5.19	127.59	26.94	2.03	78.61	
12/09/2024 19:05	21.24	3.21	90.59	11.18	19.09	1.36	53.25	11.2	30.38	4.59	129.53	27.36	1.95	76.31	
12/09/2024 19:10	21.67	3.68	90.94	11.18	19.05	1.25	55.13	11.2	31	5.27	130.08	27.29	1.8	78.99	
12/09/2024 19:15	21.56	3.69	89.5	11.18	18.98	1.4	53.31	11.2	30.85	5.28	128.04	27.19	2.01	76.37	
12/09/2024 19:20	21.4	3.28	90.83	11.18	19.27	1.5	53.59	11.19	30.58	4.69	129.82	27.59	2.15	76.75	
12/09/2024 19:25	21.92	3.67	92.02	11.18	19.01	1.23	55.26	11.19	31.35	5.24	131.6	27.22	1.76	79.12	
12/09/2024 19:30	21.81	3.57	90.78	11.18	18.95	1.43	53.54	11.19	31.2	5.1	129.83	27.14	2.05	76.67	
12/09/2024 19:35	21.37	3.26	90.99	11.17	19.06	1.23	52.8	11.19	30.54	4.66	130.01	27.29	1.77	75.58	
12/09/2024 19:40	21.95	3.69	92.08	11.18	19.13	1.31	55.42	11.19	31.38	5.27	131.64	27.39	1.87	79.34	
12/09/2024 19:45	22.02	3.63	90.75	11.18	18.87	1.39	54.3	11.19	31.47	5.19	129.73	27.01	1.99	77.71	
12/09/2024 19:50	21.44	3.33	92.08	11.16	19.36	1.52	54.73	11.19	30.6	4.75	131.43	27.7	2.17	78.32	
12/09/2024 19:55	21.89	3.74	93.45	11.17	19.3	1.44	56.79	11.18	31.26	5.34	133.43	27.61	2.06	81.22	
12/09/2024 20:00	21.83	3.74	92.32	11.17	18.91	1.45	55.57	11.18	31.17	5.34	131.83	27.04	2.07	79.45	
12/09/2024 20:05	21.38	3.39	92.99	11.16	19.28	1.67	56.38	11.18	30.49	4.83	132.64	27.57	2.39	80.6	
12/09/2024 20:10	21.48	3.69	93.29	11.15	19.13	1.46	56.55	11.17	30.63	5.27	133.06	27.34	2.08	80.82	
12/09/2024 20:15	21.31	3.7	91.62	11.15	18.97	1.44	54.65	11.17	30.4	5.28	130.68	27.1	2.05	78.06	
12/09/2024 20:20	21.29	3.41	92.79	11.15	19.05	1.63	55.19	11.17	30.34	4.85	132.24	27.21	2.32	78.83	
12/09/2024 20:25	21.79	3.83	94.56	11.16	19.09	1.49	56.49	11.17	31.08	5.47	134.88	27.27	2.13	80.68	
12/09/2024 20:30	21.78	3.85	95.16	11.16	18.84	1.41	55.3	11.17	31.07	5.49	135.75	26.91	2.01	78.98	
12/09/2024 20:35	21.24	3.38	91.76	11.15	18.78	1.56	55.05	11.17	30.27	4.82	130.76	26.83	2.23	78.63	
12/09/2024 20:40	21.83	3.73	93.15	11.15	18.97	1.41	55.78	11.17	31.12	5.32	132.8	27.09	2.01	79.65	
12/09/2024 20:45	21.89	3.64	92.11	11.15	18.91	1.42	54.27	11.16	31.2	5.18	131.31	26.99	2.03	77.46	
12/09/2024 20:50	21.4	3.45	92.88	11.14	19.03	1.67	54.97	11.16	30.48	4.92	132.28	27.17	2.39	78.48	
12/09/2024 20:55	21.74	3.84	93.28	11.14	19	1.53	56.68	11.16	30.97	5.47	132.9	27.11	2.18	80.87	
12/09/2024 21:00	21.6	3.77	91.52	11.14	18.73	1.44	55.21	11.16	30.77	5.37	130.4	26.73	2.06	78.79	
12/09/2024 21:05	21.24	3.													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
12/09/2024 22:45	21.81	4.17	93.58	11.14	18.86	1.89	56.17	11.16	31.07	5.95	133.3	26.93	2.7	80.19	
12/09/2024 22:50	21.36	3.68	91.88	11.14	19.33	1.99	55.33	11.16	30.44	5.25	130.9	27.59	2.83	78.99	
12/09/2024 22:55	21.66	4.06	93.22	11.15	19.09	1.82	56.44	11.16	30.87	5.79	132.88	27.26	2.59	80.57	
12/09/2024 23:00	21.61	4.06	91.93	11.15	18.72	1.79	54.86	11.16	30.81	5.79	131.06	26.72	2.55	78.31	
12/09/2024 23:05	21.33	3.7	93.03	11.13	18.81	1.84	54.94	11.16	30.36	5.27	132.4	26.84	2.63	78.38	
12/09/2024 23:10	21.83	4.08	92.42	11.14	18.95	1.74	56.04	11.16	31.1	5.81	131.67	27.03	2.48	79.94	
12/09/2024 23:15	21.76	3.98	90.46	11.15	18.74	1.79	54.64	11.16	31.01	5.68	128.92	26.74	2.55	77.96	
12/09/2024 23:20	21.33	3.75	92.49	11.14	19.05	1.91	53.42	11.16	30.36	5.34	131.69	27.18	2.72	76.25	
12/09/2024 23:25	21.77	4.13	93.44	11.15	19.04	1.79	55.54	11.16	31.02	5.88	133.17	27.17	2.56	79.28	
12/09/2024 23:30	21.65	4.11	92.55	11.15	18.68	1.78	54	11.16	30.86	5.86	131.93	26.67	2.54	77.08	
12/09/2024 23:35	21.47	3.69	91.45	11.14	18.92	1.83	52.84	11.16	30.56	5.25	130.19	27	2.61	75.4	
12/09/2024 23:40	21.72	3.96	91.06	11.15	18.86	1.7	54.92	11.16	30.97	5.65	129.82	26.93	2.43	78.39	
12/09/2024 23:45	21.7	3.96	91.11	11.15	18.88	1.78	53.96	11.17	30.95	5.64	129.91	26.96	2.54	77.04	
12/09/2024 23:50	21.38	3.67	90.79	11.14	19.16	1.89	53.47	11.16	30.45	5.23	129.33	27.35	2.7	76.34	
12/09/2024 23:55	21.66	4.05	91.13	11.15	19.02	1.82	55	11.17	30.89	5.77	129.97	27.17	2.6	78.54	
13/09/2024 00:00	21.43	3.97	89.85	11.16	18.67	1.84	54.16	11.17	30.58	5.66	128.21	26.67	2.63	77.36	
13/09/2024 00:05	21.46	3.76	91.05	11.14	19.03	2.02	54.72	11.17	30.57	5.36	129.69	27.18	2.88	78.13	
13/09/2024 00:10	21.77	4.02	91.6	11.15	19.11	1.91	56.44	11.16	31.03	5.73	130.56	27.29	2.73	80.56	
13/09/2024 00:15	21.88	4.08	91.81	11.15	18.86	1.92	54.3	11.17	31.18	5.81	130.85	26.94	2.74	77.55	
13/09/2024 00:20	21.26	3.73	90.29	11.14	19.13	2.34	55.11	11.17	30.29	5.31	128.63	27.33	3.35	78.74	
13/09/2024 00:25	21.79	4.1	91.51	11.15	19.08	2.04	55.48	11.17	31.07	5.84	130.49	27.25	2.91	79.26	
13/09/2024 00:30	21.83	4.13	91.86	11.15	18.83	1.9	53.85	11.17	31.12	5.88	130.98	26.91	2.72	76.94	
13/09/2024 00:35	21.09	3.65	89.9	11.15	18.84	2.16	54.25	11.17	30.06	5.2	128.13	26.92	3.08	77.49	
13/09/2024 00:40	21.67	3.99	90.42	11.15	18.88	1.86	55.28	11.17	30.9	5.69	128.94	26.96	2.65	78.95	
13/09/2024 00:45	21.67	3.97	90.19	11.15	18.73	1.87	53.94	11.17	30.9	5.66	128.6	26.75	2.67	77.04	
13/09/2024 00:50	21.05	3.66	90.53	11.14	18.94	2.11	54.5	11.17	29.99	5.21	128.98	27.05	3.01	77.85	
13/09/2024 00:55	21.77	4.11	92.08	11.15	18.97	1.98	56.6	11.17	31.03	5.85	131.29	27.09	2.83	80.84	
13/09/2024 01:00	21.98	4.13	92.36	11.15	18.76	1.94	55.53	11.17	31.35	5.89	131.71	26.8	2.77	79.32	
13/09/2024 01:05	21.14	3.82	92.14	11.14	18.81	1.99	55.64	11.17	30.12	5.44	131.25	26.86	2.83	79.45	
13/09/2024 01:10	21.68	4.17	92.98	11.15	18.83	1.88	57.46	11.16	30.91	5.95	132.57	26.89	2.68	82.04	
13/09/2024 01:15	21.63	4.16	92.59	11.15	18.74	1.98	55.19	11.17	30.83	5.93	132.03	26.77	2.83	78.81	
13/09/2024 01:20	21.17	3.83	91.72	11.14	18.5	1.94	55.25	11.17	30.15	5.45	130.62	26.43	2.77	78.92	
13/09/2024 01:25	21.65	4.28	93.22	11.14	18.74	1.87	56.65	11.16	30.83	6.09	132.79	26.75	2.67	80.87	
13/09/2024 01:30	21.6	4.21	91.61	11.14	18.6	1.93	55.6	11.16	30.78	6	130.52	26.54	2.75	79.34	
13/09/2024 01:35	21.11	3.83	92.37	11.14	19	2.11	55.13	11.16	30.06	5.45	131.5	27.11	3.01	78.65	
13/09/2024 01:40	21.45	4.26	93.92	11.14	18.8	1.87	56.85	11.16	30.57	6.07	133.81	26.82	2.66	81.11	
13/09/2024 01:45	21.41	4.27	93.94	11.14	18.43	1.85	55.82	11.16	30.49	6.08	133.81	26.31	2.65	79.68	
13/09/2024 01:50	20.87	3.77	92.47	11.14	18.72	2.09	55.92	11.16	29.72	5.36	131.66	26.72	2.99	79.84	
13/09/2024 01:55	21.5	4.32	94.31	11.15	18.65	1.9	56.82	11.16	30.64	6.16	134.44	26.62	2.71	81.09	
13/09/2024 02:00	21.39	4.31	94.48	11.15	18.63	2	55.26	11.16	30.5	6.15	134.7	26.59	2.86	78.86	
13/09/2024 02:05	21.05	3.87	91.87	11.14	18.67	2.2	55.23	11.16	29.97	5.51	130.81	26.65	3.15	78.83	
13/09/2024 02:10	21.4	4.28	93.11	11.14	18.51	1.82	56.99	11.16	30.48	6.1	132.66	26.41	2.6	81.31	
13/09/2024 02:15	21.31	4.28	91.53	11.15	18.6	1.96	55.18	11.16	30.37	6.1	130.42	26.55	2.8	78.76	
13/09/2024 02:20	21.16	3.8	90.59	11.14	19.06	2.2	55	11.16	30.12	5.41	128.98	27.2	3.15	78.49	
13/09/2024 02:25	21.71	4.11	91.67	11.15	19	2.01	56.03	11.16	30.95	5.86	130.67	27.12	2.86	79.97	
13/09/2024 02:30	21.75	4.06	91.28	11.15	18.54	1.89	54.99	11.16	31.01	5.79	130.13	26.47	2.7	78.52	
13/09/2024 02:35	20.95	3.81	91.37	11.15	18.81	2.17	55.14	11.17	29.86	5.44	130.24	26.87	3.1	78.75	
13/09/2024 02:40	21.57	4.12	92.66	11.15	18.89	2.08	56.92	11.17	30.76	5.87	132.13	26.97	2.97	81.29	
13/09/2024 02:45	21.66	4.1	92.45	11.15	18.58	1.98	55.98	11.17	30.88	5.84	131.85	26.54	2.83	79.94	
13/09/2024 02:50	20.83	3.7	91.88	11.14	18.86	2.24	56.19	11.17	29.68	5.28	130.9	26.93	3.19	80.24	
13/09/2024 02:55	21.54	4.27	93.36	11.14	18.9	2.06	58.29	11.16	30.67	6.08	132.97	26.98	2.94	83.18	
13/09/2024 03:00	21.63	4.36	93.52	11.14	18.69	2.02	56.68	11.16	30.8	6.21	133.19	26.67	2.89	80.9	
13/09/2024 03:05	21.25	3.95	92.11	11.14	19	2.08	55.66	11.16	30.26	5.63	131.16	27.11	2.97	79.41	
13/09/2024 03:10	21.61	4.24	93.72	11.15	19.05	2.11	57.18	11.16	30.8	6.05	133.57	27.19	3.01	81.62	
13/09/2024 03:15	21.63	4.21	92.26	11.15	18.6	1.96	55.99	11.16	30.82	5.99	131.49	26.54	2.79	79.9	
13/09/2024 03:20	21.06	4	92.65	11.14	19.08	2.38	56.48	11.16	29.99	5.69	131.95	27.23	3.39	80.63	
13/09/2024 03:25	21.56	4.16	92.94	11.15	18.88	2.05	57.96	11.16	30.72	5.93	132.43	26.95	2.92	82.72	
13/09/2024 03:30	21.67	4.06	91.65	11.15	18.49	2.02	55.96	11.16	30.88	5.79	130.62	26.4	2.88	79.88	
13/09/2024 03:35	21.05	3.91	92.1	11.14	18.84	2.22	55.83	11.16	29.98	5.57	131.19	26.89	3.17	79.68	
13/09/2024 03:40	21.47	4.21	92.86	11.15	18.68	2.04	57.06	11.16	30.61	6	132.39	26.67	2.91	81.46	
13/09/2024 03:45	21.48	4.16	92.59	11.15	18.66	2.08	56.03	11.17	30.63	5.93	132.03	26.65	2.97	80.01	
13/09/2024 03:50	21.01	3.82	91.82	11.14	18.72	2.24	55.97	11.17	29.93	5.44	130.79	26.73	3.19	79.92	
13/09/2024 03:55	21.7	4.22	93.88	11.14	18.76	2.04	58.71	11.16	30.91	6.02	133.72	26.78	2.92	83.8	
13/09/2024 04:00	21.75	4.19	93.28	11.14	18.52	1.99	56.47	11.16	30.98	5.97	132.88	26.43	2.83	80.6	
13/09/2024 04:05	21.15	3.92	92.32	11.13	18.83	2.11	56.14	11.15	30.09	5.57	131.33	26.86	3.01	80.07	
13/09/2024 04:10	21.5	4.32	93.73	11.13	18.87	1.97	57.38	11.15	30.6	6.15	133.4	26.9	2.81	81.81	
13/09/2024 04:15	21.48	4.36	93.81	11.13	18.54	2.01	55.45	11.15	30.58	6.21	133.51	26.43	2.86	79.07	
13/09/2024 04:20	21.13	3.93	91.86	11.13	18.66	2.19	56.06	11.15	30.06	5.6	130.71	26.61	3.12	79.95	
13/09/2024 04:25	21.34	4.3	94.04	11.14	18.74	2.01	56.84	11.15	30.38	6.12	133.87	26.72	2.86	81.06	
13/09/2024 04:30	21.14	4.3	93.36	11.14	18.53	1.98	55.55	11.16	30.1	6.12	132.91	26.43	2.82	79.26	
13/09/2024 04:35	21.11	3.92	93.04	11.13	18.78	2.09	55.59	11.15	30.04	5.58	132.4	26.79	2.99	79.29	
13/09/2024 04:40	21.4	4.2	92.48	11.14	18.84	1.94	56.98	11.15	30.49	5.99	131.73	26.87	2.76	81.27	
13/09/2024 04:45	21.27	4.16	92.23	11.14	18.63	1.96	55.3	11.16	30.29	5.92	131.39	26.58	2.8	78.9	
13															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/09/2024 06:30	21.66	4.44	94.06	11.14	18.45	2.07	57.38	11.15	30.84	6.32	133.97	26.32	2.95	81.84	
13/09/2024 06:35	20.86	3.88	93.09	11.13	18.59	2.2	56.78	11.15	29.69	5.51	132.46	26.51	3.14	80.96	
13/09/2024 06:40	21.39	4.39	94.72	11.14	18.57	2.05	58.13	11.15	30.46	6.25	134.88	26.47	2.92	82.89	
13/09/2024 06:45	21.31	4.39	94.5	11.14	18.41	2.1	57.26	11.15	30.35	6.26	134.57	26.26	2.99	81.66	
13/09/2024 06:50	20.96	4	92.53	11.13	18.67	2.19	56.64	11.15	29.8	5.68	131.58	26.61	3.12	80.72	
13/09/2024 06:55	21.65	4.37	94.61	11.13	18.55	1.89	57.28	11.15	30.8	6.21	134.64	26.44	2.7	81.63	
13/09/2024 07:00	21.63	4.41	94.83	11.13	18.56	2.02	56.73	11.15	30.78	6.27	134.97	26.44	2.88	80.83	
13/09/2024 07:05	21.17	3.98	92.65	11.12	18.78	2.25	57.59	11.15	30.09	5.65	131.7	26.77	3.21	82.08	
13/09/2024 07:10	21.89	4.23	93.08	11.13	18.7	2.04	58.35	11.15	31.14	6.02	132.37	26.65	2.9	83.16	
13/09/2024 07:15	22.16	4.24	92.7	11.13	18.44	1.95	56.49	11.15	31.51	6.03	131.84	26.29	2.77	80.52	
13/09/2024 07:20	21.17	3.86	92.84	11.12	19.02	2.05	55.92	11.14	30.09	5.48	131.94	27.09	2.92	79.66	
13/09/2024 07:25	21.68	4.3	94.86	11.13	18.89	1.98	57.82	11.14	30.82	6.11	134.89	26.9	2.82	82.35	
13/09/2024 07:30	21.72	4.31	93.64	11.13	18.51	1.94	56.71	11.14	30.89	6.14	133.18	26.35	2.76	80.75	
13/09/2024 07:35	21.07	3.96	94.53	11.12	18.33	2.11	56.53	11.14	29.94	5.63	134.3	26.1	3	80.49	
13/09/2024 07:40	21.48	4.22	95.24	11.12	18.59	2	58.11	11.14	30.54	6	135.42	26.47	2.85	82.74	
13/09/2024 07:45	21.42	4.13	94.8	11.13	18.36	1.95	57.62	11.14	30.46	5.87	134.8	26.14	2.77	82.06	
13/09/2024 07:50	20.96	3.86	93.94	11.11	18.78	2.13	57.52	11.14	29.77	5.48	133.43	26.75	3.03	81.9	
13/09/2024 07:55	21.57	4.31	95.26	11.11	18.82	1.96	58.32	11.14	30.64	6.12	135.32	26.79	2.79	83.01	
13/09/2024 08:00	21.66	4.35	95.19	11.11	18.5	1.95	56.84	11.14	30.76	6.17	135.2	26.34	2.77	80.92	
13/09/2024 08:05	21.02	3.93	93.25	11.11	18.69	2.25	55.88	11.13	29.84	5.57	132.37	26.59	3.2	79.52	
13/09/2024 08:10	21.66	4.18	93.45	11.11	18.79	2	57.56	11.13	30.77	5.94	132.75	26.74	2.85	81.93	
13/09/2024 08:15	21.73	4.1	91.22	11.12	18.64	1.89	56.42	11.13	30.88	5.82	129.58	26.52	2.69	80.28	
13/09/2024 08:20	21.02	3.88	93.62	11.11	18.39	1.95	56.17	11.13	29.84	5.5	132.89	26.16	2.78	79.91	
13/09/2024 08:25	21.34	4.2	94.01	11.11	18.73	1.86	56.93	11.13	30.31	5.96	133.53	26.64	2.64	80.97	
13/09/2024 08:30	21.28	4.28	94.17	11.12	18.72	1.86	55.98	11.13	30.23	6.09	133.78	26.64	2.65	79.64	
13/09/2024 08:35	21.1	3.74	92.55	11.11	19.16	2.06	55.94	11.13	29.96	5.31	131.38	27.26	2.94	79.59	
13/09/2024 08:40	21.76	4.1	93.27	11.12	19.01	1.87	57.54	11.13	30.91	5.82	132.49	27.05	2.66	81.87	
13/09/2024 08:45	21.98	4.14	93.17	11.12	18.49	1.78	56.83	11.13	31.23	5.89	132.36	26.32	2.53	80.89	
13/09/2024 08:50	20.9	3.66	92.1	11.11	18.83	1.97	56.84	11.13	29.67	5.19	130.72	26.79	2.8	80.9	
13/09/2024 08:55	21.67	4.12	93.76	11.11	18.93	1.84	57.12	11.13	30.78	5.85	133.16	26.93	2.62	81.28	
13/09/2024 09:00	21.81	4.14	93.75	11.11	18.75	1.77	56.7	11.13	30.98	5.88	133.16	26.67	2.52	80.65	
13/09/2024 09:05	21.11	3.69	92.11	11.11	19.11	2.2	57.45	11.13	29.95	5.24	130.73	27.19	3.14	81.75	
13/09/2024 09:10	21.61	4.11	94.49	11.11	18.96	1.89	58.3	11.13	30.68	5.83	134.15	26.97	2.69	82.94	
13/09/2024 09:15	21.7	4.13	93.98	11.11	18.47	1.73	57.46	11.13	30.81	5.86	133.41	26.28	2.46	81.77	
13/09/2024 09:20	21.04	3.67	92.64	11.11	18.67	1.74	57.52	11.13	29.86	5.21	131.48	26.56	2.47	81.8	
13/09/2024 09:25	21.44	3.99	92.92	11.11	18.76	1.67	58.71	11.12	30.43	5.67	131.88	26.67	2.37	83.47	
13/09/2024 09:30	21.42	4.02	91.52	11.1	18.78	1.79	57.66	11.12	30.4	5.7	129.87	26.71	2.55	81.98	
13/09/2024 09:35	20.88	3.54	93	11.1	18.17	1.36	56.72	11.12	29.61	5.02	131.88	25.82	1.93	80.59	
13/09/2024 09:40	21.57	4.02	93.02	11.1	18.52	1.43	58.13	11.12	30.6	5.7	132	26.32	2.03	82.62	
13/09/2024 09:45	21.53	4.06	92.8	11.1	18.72	1.72	57.04	11.13	30.55	5.77	131.68	26.63	2.44	81.13	
13/09/2024 09:50	21.06	3.55	91.56	11.11	18.64	1.67	56.06	11.13	29.89	5.04	129.97	26.51	2.38	79.72	
13/09/2024 09:55	21.62	3.88	93.2	11.12	18.88	1.6	57.57	11.13	30.71	5.51	132.4	26.85	2.28	81.88	
13/09/2024 10:00	21.67	3.85	93.23	11.12	18.77	1.6	56.73	11.14	30.79	5.46	132.45	26.72	2.28	80.76	
13/09/2024 10:05	21.06	3.49	91.6	11.11	18.94	1.72	56	11.14	29.91	4.96	130.09	26.96	2.45	79.72	
13/09/2024 10:10	21.63	3.96	92.92	11.12	18.94	1.55	57.2	11.14	30.75	5.63	132.08	26.95	2.21	81.42	
13/09/2024 10:15	21.62	3.92	91.62	11.12	18.53	1.56	56.19	11.14	30.74	5.57	130.24	26.39	2.22	80	
13/09/2024 10:20	21.08	3.53	92.38	11.12	19.17	1.92	56.67	11.14	29.95	5.02	131.24	27.31	2.74	80.72	
13/09/2024 10:25	21.27	3.95	93.92	11.12	19.16	1.85	58.14	11.14	30.23	5.61	133.5	27.28	2.64	82.78	
13/09/2024 10:30	21.06	4	94.03	11.12	18.8	1.64	56.76	11.14	29.94	5.69	133.67	26.77	2.33	80.81	
13/09/2024 10:35	21.07	3.47	91.74	11.11	19.03	1.53	56.5	11.13	29.93	4.93	130.31	27.09	2.18	80.42	
13/09/2024 10:40	21.42	3.94	93.91	11.13	18.95	1.43	57.7	11.14	30.46	5.6	133.54	26.98	2.04	82.15	
13/09/2024 10:45	21.34	3.99	93.89	11.13	18.42	1.31	56.41	11.14	30.36	5.67	133.53	26.23	1.86	80.33	
13/09/2024 10:50	20.99	3.42	91.53	11.12	18.66	1.63	56.17	11.14	29.83	4.87	130.09	26.57	2.32	80	
13/09/2024 10:55	21.62	3.82	92.83	11.13	18.64	1.4	57.39	11.14	30.75	5.43	132.02	26.55	2	81.73	
13/09/2024 11:00	21.69	3.83	92.31	11.13	18.86	1.63	55.8	11.15	30.84	5.45	131.29	26.88	2.33	79.54	
13/09/2024 11:05	21.02	3.4	91.24	11.13	19.39	1.94	56.05	11.15	29.89	4.83	129.74	27.65	2.76	79.92	
13/09/2024 11:10	21.47	3.93	93.13	11.13	19.43	1.9	57.8	11.15	30.56	5.59	132.54	27.69	2.71	82.39	
13/09/2024 11:15	21.44	4.02	93.58	11.13	18.72	1.5	54.94	11.15	30.51	5.72	133.2	26.68	2.13	78.32	
13/09/2024 11:20	20.77	3.32	90.86	11.12	18.39	1.45	55.03	11.15	29.53	4.72	129.19	26.21	2.07	78.43	
13/09/2024 11:25	21.42	3.77	93.03	11.13	18.58	1.28	56.48	11.15	30.48	5.36	132.36	26.47	1.82	80.48	
13/09/2024 11:30	21.45	3.77	91.8	11.13	18.7	1.47	55.46	11.15	30.53	5.36	130.62	26.65	2.1	79.02	
13/09/2024 11:35	20.97	3.35	91.25	11.13	18.5	1.42	55.63	11.14	29.82	4.76	129.76	26.36	2.03	79.25	
13/09/2024 11:40	21.35	3.75	92.9	11.13	18.9	1.53	56.37	11.15	30.38	5.34	132.19	26.94	2.18	80.34	
13/09/2024 11:45	21.38	3.75	92.94	11.13	18.51	1.32	55.94	11.15	30.42	5.34	132.28	26.39	1.88	79.73	
13/09/2024 11:50	21.02	3.34	90.53	11.12	19	1.72	56.42	11.15	29.89	4.74	128.72	27.09	2.45	80.44	
13/09/2024 11:55	21.55	3.75	92.77	11.13	19.1	1.65	57.8	11.15	30.65	5.34	131.96	27.23	2.35	82.37	
13/09/2024 12:00	21.42	3.75	93.31	11.13	18.56	1.33	55.57	11.14	30.47	5.34	132.71	26.44	1.9	79.15	
13/09/2024 12:05	20.86	3.2	88.94	11.12	18.06	1.16	56.13	11.14	29.65	4.55	126.39	25.73	1.65	79.94	
13/09/2024 12:10	21.56	3.57	90.52	11.12	18.52	1.21	56.16	11.14	30.66	5.08	128.71	26.38	1.73	79.98	
13/09/2024 12:15	21.61	3.55	88.93	11.12	18.49	1.23	54.25	11.14	30.72	5.05	126.44	26.33	1.75	77.26	
13/09/2024 12:20	21.26	3.18	88.81	11.12	19.17	1.81	54.69	11.15	30.22	4.52	126.2	27.32	2.58	77.93	
13/09/2024 12:25	21.55	3.6	90.65	11.12	19.12	1.52	56.02	11.14	30.63	5.12	128.88	27.23	2.17	79.78	
13/09/2024 12:30	21.63	3.67	91.25	11.13	18.98	1.41	54.03	11.14	30.75	5.22	129.76	27.04	2.01	76.97	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/09/2024 14:15	21.52	3.85	89.58	11.15	18.75	1.45	55.45	11.17	30.68	5.48	127.73	26.79	2.07	79.23	
13/09/2024 14:20	20.87	3.21	89.45	11.15	19	1.64	55	11.17	29.74	4.57	127.48	27.15	2.35	78.59	
13/09/2024 14:25	21.35	3.52	90.95	11.15	18.73	1.26	56.76	11.17	30.45	5.02	129.71	26.76	1.8	81.07	
13/09/2024 14:30	21.41	3.44	91.11	11.15	18.79	1.52	55.4	11.17	30.53	4.9	129.93	26.84	2.17	79.14	
13/09/2024 14:35	20.78	3.11	89.16	11.14	19.67	1.83	55.06	11.17	29.61	4.43	127.04	28.11	2.61	78.68	
13/09/2024 14:40	21.51	3.71	89.51	11.15	19.44	1.63	57.05	11.17	30.68	5.3	127.67	27.77	2.33	81.49	
13/09/2024 14:45	21.8	3.91	89.64	11.16	18.58	1.29	55.33	11.17	31.09	5.58	127.88	26.54	1.84	79.03	
13/09/2024 14:50	20.58	3.16	91.06	11.15	18.58	1.39	55.78	11.17	29.33	4.5	129.77	26.54	1.99	79.68	
13/09/2024 14:55	20.79	3.38	91.95	11.15	18.79	1.47	57.57	11.17	29.65	4.82	131.09	26.84	2.11	82.23	
13/09/2024 15:00	20.48	3.3	90.85	11.15	18.57	1.29	55.51	11.17	29.2	4.7	129.52	26.52	1.84	79.29	
13/09/2024 15:05	20.64	2.95	89.94	11.14	18.58	1.05	56.14	11.17	29.41	4.2	128.14	26.53	1.5	80.18	
13/09/2024 15:10	20.98	3.45	91.31	11.15	18.78	1.16	56.9	11.17	29.91	4.91	130.19	26.82	1.65	81.26	
13/09/2024 15:15	20.88	3.42	91.44	11.15	18.74	1.35	55.03	11.17	29.77	4.88	130.38	26.77	1.92	78.61	
13/09/2024 15:20	20.6	2.97	89.74	11.15	19.67	1.99	55.72	11.18	29.37	4.24	127.9	28.12	2.84	79.65	
13/09/2024 15:25	21.18	3.44	90.35	11.16	19.39	1.77	57.28	11.18	30.22	4.91	128.93	27.72	2.53	81.88	
13/09/2024 15:30	21.27	3.42	89.98	11.16	18.29	1.16	54.55	11.18	30.35	4.89	128.41	26.14	1.66	77.98	
13/09/2024 15:35	20.53	2.85	87.94	11.16	18.97	1.81	55.58	11.18	29.29	4.07	125.44	27.13	2.59	79.5	
13/09/2024 15:40	20.99	3.27	90.37	11.16	19.07	1.62	56.94	11.18	29.96	4.67	128.98	27.27	2.32	81.43	
13/09/2024 15:45	20.84	3.24	90.11	11.16	18.64	1.28	56.04	11.18	29.75	4.62	128.61	26.67	1.83	80.16	
13/09/2024 15:50	20.55	2.99	91.23	11.16	18.69	1.25	55.66	11.18	29.32	4.27	130.17	26.72	1.79	79.59	
13/09/2024 15:55	21	3.35	92.32	11.16	18.81	1.24	56.43	11.18	29.97	4.79	131.78	26.9	1.77	80.69	
13/09/2024 16:00	20.98	3.3	92.41	11.16	18.91	1.57	55.69	11.18	29.95	4.71	131.89	27.05	2.25	79.68	
13/09/2024 16:05	20.34	2.98	90.41	11.15	19.06	1.39	55.33	11.18	29	4.25	128.93	27.26	1.99	79.13	
13/09/2024 16:10	21.07	3.49	91.88	11.16	19.29	1.59	56.52	11.18	30.07	4.97	131.12	27.59	2.27	80.82	
13/09/2024 16:15	20.98	3.39	90.22	11.16	18.47	1.23	55.4	11.18	29.94	4.84	128.74	26.41	1.76	79.2	
13/09/2024 16:20	20.59	3.1	91.41	11.16	18.72	1.58	56.61	11.18	29.37	4.42	130.4	26.77	2.26	80.95	
13/09/2024 16:25	21.26	3.4	91.45	11.16	18.8	1.4	57.23	11.18	30.35	4.86	130.57	26.89	2	81.83	
13/09/2024 16:30	21.27	3.39	91.38	11.17	18.69	1.41	56.04	11.18	30.37	4.84	130.48	26.73	2.02	80.15	
13/09/2024 16:35	20.6	3.07	90.15	11.16	19.36	1.84	55.33	11.18	29.38	4.38	128.6	27.69	2.64	79.14	
13/09/2024 16:40	21.18	3.45	91.33	11.16	19.19	1.53	56.57	11.18	30.22	4.92	130.3	27.45	2.19	80.88	
13/09/2024 16:45	21.22	3.52	90.18	11.16	18.69	1.31	55.45	11.18	30.27	5.02	128.64	26.73	1.87	79.29	
13/09/2024 16:50	20.65	2.95	91.02	11.15	18.47	1.2	56.03	11.18	29.44	4.21	129.75	26.4	1.72	80.09	
13/09/2024 16:55	21.11	3.42	91.85	11.16	18.62	1.08	56.62	11.17	30.13	4.88	131.1	26.61	1.55	80.92	
13/09/2024 17:00	20.98	3.35	91.7	11.16	18.5	1.26	55.46	11.18	29.95	4.77	130.88	26.44	1.8	79.28	
13/09/2024 17:05	20.42	2.45	81.3	11.12	18.78	1.58	55.78	11.18	29.04	3.49	115.6	26.85	2.26	79.74	
13/09/2024 17:10	21.33	2.89	83	11.13	18.85	1.38	56.33	11.17	30.33	4.1	118.06	26.93	1.97	80.48	
13/09/2024 17:15	21.34	2.81	82.8	11.13	18.8	1.44	55.23	11.17	30.36	4	117.76	26.86	2.06	78.92	
13/09/2024 17:20	20.82	2.59	84.9	11.11	19.42	1.72	56.19	11.17	29.58	3.68	120.61	27.76	2.46	80.3	
13/09/2024 17:25	21.24	3.03	85.17	11.12	19.15	1.38	57.06	11.17	30.19	4.31	121.03	27.35	1.97	81.47	
13/09/2024 17:30	21.17	3.03	84.94	11.12	18.32	1.14	50.98	11.15	30.09	4.31	120.7	26.11	1.62	72.68	
13/09/2024 17:35	20.66	3.16	92.83	11.14	18.75	1.53	48.5	11.14	29.42	4.5	132.19	26.71	2.18	69.09	
13/09/2024 17:40	21.21	3.51	94.38	11.15	18.47	1.18	50.72	11.14	30.23	5.01	134.5	26.3	1.68	72.23	
13/09/2024 17:45	21.19	3.45	94.5	11.15	17.78	0.96	49.43	11.13	30.19	4.92	134.66	25.31	1.36	70.36	
13/09/2024 17:50	20.6	3.03	92.12	11.14	18.41	1.13	49.61	11.13	29.32	4.31	131.12	26.2	1.6	70.61	
13/09/2024 17:55	21.12	3.51	93.99	11.14	18.16	0.93	51.03	11.13	30.09	5	133.87	25.84	1.32	72.63	
13/09/2024 18:00	21.05	3.52	94.13	11.14	18.16	1.18	50.36	11.14	29.97	5.01	134.04	25.87	1.68	71.73	
13/09/2024 18:05	20.84	3.11	92.39	11.12	19.2	1.7	52.92	11.15	29.63	4.42	131.36	27.38	2.43	75.46	
13/09/2024 18:10	21.13	3.5	94.74	11.13	19.17	1.63	54.94	11.15	30.06	4.99	134.79	27.33	2.33	78.32	
13/09/2024 18:15	21.06	3.5	93.75	11.13	18.61	1.25	54.01	11.15	29.97	4.98	133.4	26.52	1.79	76.96	
13/09/2024 18:20	20.63	3.02	93.68	11.12	18.66	0.94	53.8	11.14	29.32	4.3	133.15	26.57	1.34	76.62	
13/09/2024 18:25	21.29	3.53	94.57	11.13	18.71	1.04	55.47	11.14	30.28	5.03	134.48	26.65	1.48	79.01	
13/09/2024 18:30	21.23	3.52	94.31	11.13	18.27	1.08	53.7	11.14	30.2	5	134.13	26.03	1.54	76.51	
13/09/2024 18:35	20.85	3.11	92.36	11.12	18.48	1.25	53.39	11.14	29.63	4.41	131.24	26.33	1.78	76.04	
13/09/2024 18:40	21.32	3.52	93.89	11.12	18.78	1.33	54.87	11.14	30.3	5.01	133.45	26.74	1.89	78.15	
13/09/2024 18:45	21.34	3.53	94.08	11.12	18.84	1.37	53.79	11.14	30.34	5.02	133.71	26.84	1.95	76.61	
13/09/2024 18:50	20.64	2.9	91.14	11.11	18.28	0.83	53.61	11.13	29.3	4.12	129.41	26.02	1.18	76.29	
13/09/2024 18:55	21.19	3.43	92.68	11.12	18.83	1.23	55.51	11.14	30.12	4.88	131.71	26.8	1.76	79.02	
13/09/2024 19:00	21.13	3.42	92.58	11.12	18.4	1.21	54.37	11.14	30.02	4.87	131.56	26.2	1.72	77.41	
13/09/2024 19:05	20.81	2.98	91.23	11.11	18.33	1.14	55.05	11.13	29.55	4.23	129.53	26.09	1.62	78.35	
13/09/2024 19:10	21.38	3.36	91.76	11.11	18.73	1.21	56.58	11.13	30.37	4.77	130.31	26.65	1.71	80.5	
13/09/2024 19:15	21.45	3.31	91.33	11.11	18.47	1.21	54.12	11.13	30.46	4.71	129.68	26.27	1.73	76.99	
13/09/2024 19:20	20.76	3.09	91.56	11.1	18.64	1.55	54.03	11.13	29.45	4.39	129.89	26.51	2.2	76.84	
13/09/2024 19:25	21.3	3.39	92.92	11.11	18.74	1.38	55.66	11.13	30.25	4.81	131.91	26.66	1.97	79.16	
13/09/2024 19:30	21.45	3.28	92.31	11.11	18.31	1.17	53.9	11.12	30.46	4.66	131.06	26.04	1.66	76.64	
13/09/2024 19:35	20.72	3.08	92.01	11.1	18.5	1.45	53.41	11.12	29.38	4.37	130.44	26.29	2.07	75.91	
13/09/2024 19:40	21.36	3.51	93.57	11.1	18.56	1.3	54.65	11.12	30.3	4.98	132.71	26.38	1.85	77.65	
13/09/2024 19:45	21.28	3.45	93.25	11.1	18.14	1.08	54.31	11.12	30.18	4.9	132.26	25.77	1.54	77.15	
13/09/2024 19:50	20.84	3.19	92.89	11.09	18.53	1.25	54.55	11.12	29.53	4.52	131.62	26.33	1.78	77.5	
13/09/2024 19:55	21.38	3.48	94.46	11.09	18.95	1.46	55.61	11.12	30.31	4.93	133.91	26.92	2.07	79	
13/09/2024 20:00	21.45	3.45	94.23	11.09	18.55	1.3	53.93	11.11	30.41	4.9	133.57	26.35	1.85	76.59	
13/09/2024 20:05	20.7	3.02	92.01	11.09	18.3	1.16	53.55	11.1	29.32	4.27	130.32	25.96	1.64	75.99	
13/09/2024 20:10	21.25	3.47	93.93	11.09	18.64	1.29	55.82	11.11	30.12	4.92	133.15	26.45	1.84	79.23	
13/09/2024 20:15	21.27	3.42	93.52	11.09	18.47	1.31	54.55	11.11	30.14	4.85	132.56	26.22	1.86	77.45	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/09/2024 22:00	21.92	4.3	94	11.09	18.91	1.62	51.64	11.1	31.05	6.09	133.14	26.81	2.3	73.24	
13/09/2024 22:05	21.85	3.98	93.06	11.07	19.09	1.84	50.52	11.09	30.89	5.63	131.58	27.06	2.61	71.59	
13/09/2024 22:10	22.22	4.48	95.51	11.08	19.28	1.8	52.66	11.09	31.46	6.34	135.2	27.33	2.54	74.64	
13/09/2024 22:15	22.23	4.55	96.55	11.08	19.02	1.83	52.31	11.1	31.48	6.44	136.7	26.99	2.6	74.22	
13/09/2024 22:20	21.87	4.13	94.3	11.09	19.33	1.92	52.3	11.11	30.98	5.85	133.55	27.44	2.73	74.25	
13/09/2024 22:25	22.26	4.66	95.25	11.09	19.32	1.91	53.79	11.11	31.55	6.6	135	27.42	2.7	76.35	
13/09/2024 22:30	22.31	4.71	95.23	11.09	18.88	1.87	52.2	11.11	31.63	6.67	134.99	26.8	2.65	74.1	
13/09/2024 22:35	21.65	4.16	93.91	11.09	19.22	2.09	53.09	11.11	30.67	5.9	133.03	27.28	2.97	75.35	
13/09/2024 22:40	22.09	4.67	95.33	11.1	19.08	1.96	54.49	11.11	31.32	6.62	135.2	27.09	2.78	77.35	
13/09/2024 22:45	22.16	4.71	95.33	11.1	18.81	1.97	53.79	11.11	31.43	6.67	135.21	26.7	2.8	76.38	
13/09/2024 22:50	21.54	4.25	94.45	11.09	19.28	2.14	54.14	11.12	30.51	6.02	133.77	27.39	3.04	76.91	
13/09/2024 22:55	22.08	4.85	96.6	11.1	19.19	2.08	56.19	11.11	31.31	6.88	136.95	27.25	2.96	79.8	
13/09/2024 23:00	22.03	4.94	97.06	11.1	18.6	1.96	53.46	11.11	31.24	7	137.63	26.41	2.78	75.92	
13/09/2024 23:05	21.39	4.35	93.62	11.09	18.91	2.14	53.66	11.11	30.31	6.17	132.66	26.85	3.04	76.19	
13/09/2024 23:10	21.82	4.76	95.66	11.1	18.85	2.05	55.34	11.11	30.94	6.76	135.65	26.77	2.91	78.59	
13/09/2024 23:15	21.81	4.77	95.56	11.1	18.63	2.05	54.73	11.12	30.93	6.76	135.52	26.46	2.92	77.76	
13/09/2024 23:20	21.23	4.27	93.49	11.09	18.97	2.24	55.11	11.11	30.09	6.06	132.49	26.94	3.18	78.28	
13/09/2024 23:25	21.81	4.86	96.02	11.1	18.86	2.04	55.83	11.11	30.94	6.9	136.21	26.79	2.89	79.28	
13/09/2024 23:30	21.81	4.92	96.41	11.1	18.47	2.03	54.09	11.11	30.94	6.99	136.76	26.24	2.88	76.82	
13/09/2024 23:35	21.22	4.21	93.21	11.09	18.83	2.2	54.83	11.12	30.07	5.97	132.04	26.76	3.13	77.92	
13/09/2024 23:40	21.93	4.73	94	11.1	18.79	2.05	55.87	11.11	31.1	6.71	133.27	26.7	2.91	79.36	
13/09/2024 23:45	22.17	4.74	93.39	11.1	18.42	2.03	54.5	11.12	31.44	6.72	132.42	26.17	2.88	77.43	
13/09/2024 23:50	21.1	4.21	92.5	11.1	18.69	2.22	53.91	11.12	29.91	5.96	131.15	26.56	3.15	76.61	
13/09/2024 23:55	21.86	4.68	94.09	11.1	18.76	2.09	56.19	11.11	31	6.64	133.41	26.64	2.97	79.82	
14/09/2024 00:00	22.03	4.74	94.27	11.1	18.57	2.12	54.83	11.12	31.23	6.72	133.64	26.38	3.01	77.9	
14/09/2024 00:05	21.27	4.21	92.86	11.09	18.84	2.27	55.22	11.11	30.13	5.96	131.52	26.77	3.22	78.43	
14/09/2024 00:10	21.69	4.67	93.93	11.1	18.71	2.07	56.48	11.11	30.75	6.62	133.18	26.58	2.93	80.21	
14/09/2024 00:15	21.67	4.66	93.66	11.1	18.51	2.11	54.85	11.12	30.73	6.61	132.82	26.3	3	77.93	
14/09/2024 00:20	21.21	4.21	92.47	11.09	18.89	2.2	54.73	11.12	30.05	5.97	131.04	26.84	3.13	77.76	
14/09/2024 00:25	21.64	4.67	93.43	11.1	18.96	2.13	55.89	11.12	30.68	6.62	132.47	26.93	3.03	79.39	
14/09/2024 00:30	21.56	4.72	93.48	11.1	18.53	2.02	54.75	11.12	30.57	6.69	132.55	26.33	2.87	77.78	
14/09/2024 00:35	21.18	4.26	92.01	11.09	18.73	2.27	54.69	11.11	30.02	6.04	130.39	26.61	3.22	77.68	
14/09/2024 00:40	21.61	4.63	93.47	11.1	18.85	2.13	55.99	11.11	30.64	6.57	132.55	26.77	3.03	79.51	
14/09/2024 00:45	21.63	4.58	93.06	11.1	18.51	2.04	53.51	11.12	30.67	6.5	131.98	26.29	2.9	76.02	
14/09/2024 00:50	21.06	4.08	90.66	11.09	18.67	2.11	53.47	11.11	29.85	5.78	128.49	26.52	3	75.95	
14/09/2024 00:55	21.93	4.76	93.79	11.1	18.7	2.04	54.96	11.11	31.11	6.75	133.04	26.57	2.89	78.07	
14/09/2024 01:00	22.17	4.78	93.86	11.1	18.43	2.01	53.77	11.11	31.45	6.79	133.15	26.18	2.86	76.37	
14/09/2024 01:05	21.07	4.19	92.33	11.09	18.86	2.19	54.61	11.12	29.86	5.94	130.82	26.79	3.11	77.58	
14/09/2024 01:10	21.56	4.71	94.38	11.1	18.98	2.22	55.38	11.11	30.56	6.68	133.8	26.96	3.15	78.66	
14/09/2024 01:15	21.58	4.72	94.36	11.1	18.29	1.89	53.81	11.11	30.6	6.69	133.79	25.98	2.69	76.42	
14/09/2024 01:20	21.16	4.32	92.57	11.09	18.78	2.24	53.81	11.11	29.99	6.12	131.21	26.68	3.18	76.44	
14/09/2024 01:25	21.63	4.48	93.92	11.1	18.79	2.17	54.86	11.12	30.66	6.35	133.17	26.7	3.09	77.93	
14/09/2024 01:30	21.64	4.52	93.69	11.1	18.29	1.95	54.15	11.11	30.69	6.41	132.86	25.98	2.76	76.91	
14/09/2024 01:35	21.04	4.14	91.58	11.09	18.53	2.24	54.3	11.12	29.81	5.87	129.74	26.33	3.18	77.14	
14/09/2024 01:40	21.51	4.54	93.46	11.09	18.69	2.14	56.73	11.11	30.48	6.44	132.46	26.54	3.04	80.54	
14/09/2024 01:45	21.41	4.5	93.38	11.09	18.34	1.98	54.35	11.11	30.34	6.38	132.33	26.04	2.82	77.16	
14/09/2024 01:50	20.97	4.17	92.1	11.09	18.55	2.14	54.94	11.11	29.7	5.91	130.44	26.33	3.04	78	
14/09/2024 01:55	21.5	4.59	93.62	11.09	18.83	2.18	55.87	11.11	30.47	6.5	132.66	26.73	3.1	79.3	
14/09/2024 02:00	21.5	4.56	93.5	11.09	18.24	1.98	55.24	11.1	30.47	6.47	132.49	25.87	2.82	78.35	
14/09/2024 02:05	20.76	4.14	93.81	11.08	18.73	2.28	55.11	11.1	29.36	5.86	132.72	26.57	3.24	78.15	
14/09/2024 02:10	21.29	4.74	95.92	11.09	18.63	2.14	57.02	11.1	30.15	6.71	135.84	26.43	3.03	80.88	
14/09/2024 02:15	21.22	4.8	96.13	11.09	18.2	2.08	56.3	11.11	30.05	6.8	136.15	25.83	2.95	79.91	
14/09/2024 02:20	20.83	4.2	94.87	11.09	18.45	2.2	56.56	11.1	29.5	5.95	134.38	26.19	3.13	80.26	
14/09/2024 02:25	21.36	4.82	97.21	11.1	18.52	2.11	57.51	11.11	30.29	6.84	137.83	26.29	2.99	81.63	
14/09/2024 02:30	21.33	4.83	97.61	11.1	18.32	2.14	56.13	11.11	30.24	6.85	138.4	26	3.03	79.68	
14/09/2024 02:35	21.2	4.17	92.06	11.08	18.63	2.38	56.14	11.11	30.02	5.9	130.36	26.44	3.37	79.69	
14/09/2024 02:40	21.7	4.56	92.16	11.09	18.75	2.22	56.2	11.11	30.75	6.46	130.6	26.62	3.16	79.79	
14/09/2024 02:45	21.63	4.52	91.36	11.09	18.47	2.08	53.31	11.11	30.65	6.4	129.5	26.23	2.95	75.72	
14/09/2024 02:50	21.07	4.15	90.34	11.09	18.89	2.17	53.44	11.11	29.86	5.88	127.97	26.82	3.08	75.85	
14/09/2024 02:55	21.56	4.59	92.45	11.09	18.86	2.1	54.3	11.11	30.57	6.51	131.06	26.78	2.98	77.07	
14/09/2024 03:00	21.47	4.6	92.38	11.1	18.63	2.08	52.45	11.11	30.44	6.52	130.96	26.45	2.96	74.46	
14/09/2024 03:05	21.34	4.17	90.68	11.09	19.14	2.17	53.17	11.11	30.23	5.9	128.47	27.18	3.09	75.5	
14/09/2024 03:10	21.82	4.58	92.03	11.1	19.09	2.14	55	11.11	30.93	6.49	130.47	27.11	3.03	78.11	
14/09/2024 03:15	21.84	4.58	92.16	11.1	18.56	2.06	52.71	11.11	30.97	6.49	130.65	26.36	2.92	74.88	
14/09/2024 03:20	21.19	4.27	92.02	11.09	18.95	2.25	52.5	11.11	30.02	6.05	130.4	26.92	3.2	74.57	
14/09/2024 03:25	21.72	4.71	93.75	11.1	18.88	2.15	54.23	11.11	30.81	6.68	132.97	26.81	3.06	77.03	
14/09/2024 03:30	21.7	4.75	94.17	11.1	18.47	2.12	53.48	11.11	30.79	6.74	133.59	26.24	3.01	75.97	
14/09/2024 03:35	21.25	4.18	93.06	11.09	19.11	2.31	54.04	11.11	30.1	5.93	131.81	27.14	3.28	76.75	
14/09/2024 03:40	21.59	4.78	95.13	11.1	18.96	2.2	55.52	11.11	30.6	6.78	134.86	26.93	3.12	78.85	
14/09/2024 03:45	21.58	4.77	95.05	11.1	18.54	2.11	53.79	11.11	30.6	6.76	134.77	26.33	3	76.38	
14/09/2024 03:50	21.18	4.26	92.63	11.08	18.86	2.25	53.28	11.11	29.99	6.03	131.17	26.77	3.19	75.62	
14/09/2024 03:55	21.65	4.81	94.13	11.09	18.76	2.11	55.55	11.11	30.69	6.81	133.43	26.63	3	78.83	
14/09/2024 04:00	21.58	4.85	93.84	11.1	18.67	2.14	53.98	11.11	30.6	6.87	133.06	26.5	3.04	76.63	
14/09/2024 04:05	21.25	4.4	94												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
14/09/2024 05:45	21.28	4.92	97.36	11.09	18.27	2.23	57.13	11.11	30.14	6.97	137.89	25.92	3.17	81.07	
14/09/2024 05:50	20.89	4.47	95.18	11.08	18.31	2.38	57.38	11.1	29.56	6.33	134.7	25.98	3.37	81.39	
14/09/2024 05:55	21.27	4.89	97.77	11.09	18.44	2.26	58.36	11.1	30.12	6.92	138.46	26.16	3.2	82.79	
14/09/2024 06:00	21.3	4.96	97.83	11.09	18.33	2.2	56.06	11.1	30.17	7.02	138.58	26	3.12	79.52	
14/09/2024 06:05	20.77	4.33	96.11	11.08	18.55	2.42	56.53	11.1	29.39	6.13	135.98	26.31	3.44	80.19	
14/09/2024 06:10	21.2	4.79	96.88	11.08	18.51	2.31	58.28	11.1	30.01	6.78	137.18	26.26	3.27	82.67	
14/09/2024 06:15	21.03	4.74	96.42	11.08	18.15	2.19	55.95	11.11	29.78	6.71	136.54	25.76	3.1	79.4	
14/09/2024 06:20	20.91	4.39	95.55	11.08	18.5	2.33	55.72	11.1	29.59	6.21	135.2	26.25	3.3	79.05	
14/09/2024 06:25	21.27	4.87	97.25	11.09	18.35	2.24	58.13	11.1	30.13	6.89	137.73	26.03	3.18	82.46	
14/09/2024 06:30	21.33	4.91	97.02	11.09	18.17	2.19	55.92	11.1	30.21	6.95	137.41	25.76	3.11	79.29	
14/09/2024 06:35	20.65	4.39	94.94	11.08	18.55	2.49	57.11	11.1	29.23	6.21	134.36	26.31	3.53	81	
14/09/2024 06:40	21.27	4.82	98.04	11.08	18.46	2.29	58.31	11.1	30.12	6.82	138.82	26.18	3.24	82.69	
14/09/2024 06:45	21.19	4.85	98.78	11.09	18.08	2.18	57.23	11.1	30.01	6.86	139.91	25.64	3.09	81.19	
14/09/2024 06:50	20.84	4.43	95.48	11.07	18.28	2.49	57.59	11.1	29.47	6.26	135.07	25.93	3.53	81.69	
14/09/2024 06:55	21.26	4.74	96.63	11.09	18.38	2.23	58.68	11.1	30.11	6.71	136.86	26.07	3.17	83.23	
14/09/2024 07:00	21.2	4.71	96.55	11.09	18.14	2.13	56.09	11.1	30.03	6.66	136.74	25.72	3.02	79.53	
14/09/2024 07:05	20.87	4.26	93.91	11.07	18.61	2.19	54.3	11.09	29.52	6.03	132.85	26.38	3.1	76.96	
14/09/2024 07:10	21.35	4.65	94.71	11.08	18.71	2.16	56	11.1	30.22	6.59	134.04	26.52	3.07	79.4	
14/09/2024 07:15	21.39	4.66	94.38	11.08	18.33	2.18	55.07	11.1	30.28	6.59	133.58	26	3.09	78.11	
14/09/2024 07:20	20.82	4.18	91.52	11.08	18.81	2.28	54.48	11.1	29.46	5.91	129.51	26.68	3.24	77.28	
14/09/2024 07:25	21.31	4.58	94.09	11.09	18.68	2.2	55.85	11.1	30.19	6.48	133.25	26.5	3.12	79.22	
14/09/2024 07:30	21.44	4.63	94.17	11.09	18.31	2.16	54.42	11.1	30.36	6.55	133.38	25.97	3.06	77.18	
14/09/2024 07:35	20.87	4.17	92.68	11.07	18.58	2.22	53.91	11.09	29.51	5.9	131.05	26.33	3.15	76.41	
14/09/2024 07:40	21.32	4.5	94.68	11.07	18.74	2.16	55.43	11.09	30.15	6.37	133.87	26.55	3.06	78.53	
14/09/2024 07:45	21.42	4.56	94.91	11.07	18.34	2.03	54.24	11.08	30.29	6.45	134.18	25.97	2.87	76.81	
14/09/2024 07:50	20.86	4.19	93.59	11.06	18.72	2.2	54.92	11.09	29.47	5.92	132.25	26.51	3.12	77.8	
14/09/2024 07:55	21.4	4.59	94.98	11.07	18.74	2.13	56.42	11.08	30.25	6.49	134.28	26.54	3.02	79.89	
14/09/2024 08:00	21.55	4.64	94.72	11.07	18.41	2.04	54.61	11.08	30.46	6.56	133.92	26.07	2.89	77.32	
14/09/2024 08:05	20.98	4.23	93.92	11.06	18.48	2.2	54.78	11.08	29.63	5.98	132.68	26.16	3.12	77.54	
14/09/2024 08:10	21.38	4.56	94.96	11.07	18.64	2.14	56.37	11.08	30.22	6.44	134.23	26.39	3.03	79.79	
14/09/2024 08:15	21.41	4.61	94.67	11.07	18.45	1.95	54.62	11.08	30.27	6.52	133.85	26.11	2.76	77.3	
14/09/2024 08:20	20.94	4.16	93.67	11.06	18.77	2.19	54.68	11.07	29.56	5.87	132.25	26.54	3.09	77.33	
14/09/2024 08:25	21.43	4.52	95.44	11.06	18.79	2.08	56.04	11.07	30.27	6.38	134.84	26.58	2.95	79.27	
14/09/2024 08:30	21.53	4.6	95.5	11.06	18.4	1.91	54.35	11.07	30.42	6.49	134.92	26.02	2.7	76.83	
14/09/2024 08:35	20.88	4.03	93.29	11.05	18.72	2.24	54.64	11.07	29.47	5.69	131.63	26.47	3.16	77.25	
14/09/2024 08:40	21.37	4.37	94.29	11.06	18.76	2.08	55.82	11.07	30.17	6.17	133.12	26.52	2.95	78.93	
14/09/2024 08:45	21.41	4.36	94.23	11.06	18.39	1.88	54.86	11.07	30.23	6.16	133.09	26.01	2.66	77.61	
14/09/2024 08:50	20.82	3.98	93.55	11.05	18.45	2.17	55.76	11.08	29.39	5.61	132.04	26.11	3.07	78.89	
14/09/2024 08:55	21.36	4.43	94.46	11.06	18.64	2.03	56.05	11.07	30.17	6.26	133.39	26.36	2.87	79.28	
14/09/2024 09:00	21.42	4.49	94.36	11.05	18.46	1.81	53.76	11.07	30.24	6.33	133.22	26.1	2.56	76.01	
14/09/2024 09:05	20.94	3.79	91.87	11.04	18.39	1.7	55.09	11.06	29.52	5.34	129.53	25.99	2.41	77.85	
14/09/2024 09:10	21.52	4.23	93.27	11.04	18.74	1.78	56.17	11.06	30.35	5.97	131.54	26.48	2.51	79.34	
14/09/2024 09:15	21.53	4.22	92.81	11.04	18.35	1.69	54.45	11.06	30.36	5.95	130.89	25.93	2.39	76.92	
14/09/2024 09:20	20.83	3.73	91.83	11.04	18.59	1.8	54.03	11.06	29.38	5.26	129.52	26.27	2.54	76.34	
14/09/2024 09:25	21.25	4.02	94.06	11.05	18.61	1.75	55.42	11.06	29.99	5.67	132.73	26.3	2.48	78.3	
14/09/2024 09:30	21.27	4.02	94.45	11.05	18.61	1.89	53.76	11.06	30.01	5.67	133.29	26.3	2.68	75.96	
14/09/2024 09:35	20.98	3.76	91.47	11.04	18.89	1.86	54	11.07	29.57	5.31	128.97	26.7	2.63	76.32	
14/09/2024 09:40	21.75	4.11	93.18	11.05	18.91	1.81	55.71	11.06	30.69	5.8	131.47	26.72	2.55	78.73	
14/09/2024 09:45	21.92	4.13	93.16	11.05	18.61	1.68	52.94	11.06	30.94	5.82	131.46	26.29	2.38	74.82	
14/09/2024 09:50	21	3.62	90.83	11.04	18.75	1.91	53.47	11.06	29.6	5.11	128.05	26.49	2.69	75.55	
14/09/2024 09:55	21.6	3.98	91.74	11.05	18.87	1.77	54.65	11.06	30.47	5.61	129.41	26.65	2.5	77.2	
14/09/2024 10:00	21.8	4.02	91.28	11.05	18.65	1.73	53.37	11.06	30.75	5.67	128.77	26.36	2.45	75.4	
14/09/2024 10:05	20.9	3.41	90.29	11.04	18.75	1.52	53.88	11.06	29.45	4.8	127.26	26.49	2.14	76.11	
14/09/2024 10:10	21.64	4.05	92	11.05	18.76	1.46	54.83	11.06	30.53	5.71	129.78	26.5	2.06	77.45	
14/09/2024 10:15	21.8	4.17	92.22	11.05	18.73	1.58	52.52	11.06	30.75	5.89	130.09	26.46	2.23	74.2	
14/09/2024 10:20	21.03	3.39	88.41	11.04	18.69	1.31	52.05	11.05	29.64	4.78	124.59	26.38	1.85	73.48	
14/09/2024 10:25	21.27	3.79	90.07	11.04	18.68	1.34	53.69	11.06	30.01	5.34	127.04	26.38	1.9	75.82	
14/09/2024 10:30	21.34	3.91	89.88	11.04	18.42	1.58	52.34	11.06	30.1	5.51	126.75	26.02	2.24	73.93	
14/09/2024 10:35	20.92	3.28	88.92	11.04	18.72	1.7	52.95	11.06	29.49	4.62	125.34	26.44	2.41	74.79	
14/09/2024 10:40	21.6	3.86	90.75	11.05	18.72	1.52	54.86	11.06	30.47	5.44	128	26.44	2.15	77.49	
14/09/2024 10:45	21.92	4.11	90.75	11.05	18.3	1.29	52.7	11.06	30.93	5.8	128.04	25.86	1.83	74.47	
14/09/2024 10:50	20.76	3.06	88.7	11.04	18.16	1.31	54.11	11.06	29.27	4.31	125.05	25.66	1.85	76.47	
14/09/2024 10:55	21.33	3.35	90.03	11.05	18.28	1.23	55.52	11.06	30.1	4.73	127.04	25.83	1.74	78.46	
14/09/2024 11:00	21.08	2.89	90.05	11.05	18.67	1.4	52.13	11.07	29.74	4.08	127.03	26.4	1.98	73.7	
14/09/2024 11:05	21.08	3.22	88.82	11.04	18.95	1.56	51.98	11.07	29.72	4.54	125.26	26.8	2.21	73.5	
14/09/2024 11:10	21.43	3.63	89.02	11.06	18.87	1.43	53	11.07	30.26	5.13	125.72	26.68	2.02	74.95	
14/09/2024 11:15	21.55	3.91	89.25	11.06	18.21	1.14	50.95	11.07	30.44	5.52	126.09	25.76	1.62	72.05	
14/09/2024 11:20	20.94	3.13	86.59	11.05	19.33	2	51.45	11.08	29.56	4.41	122.24	27.34	2.83	72.79	
14/09/2024 11:25	21.13	3.21	88.64	11.06	19.04	1.65	52.56	11.08	29.86	4.53	125.24	26.94	2.34	74.37	
14/09/2024 11:30	20.48	2.6	88.72	11.06	18.47	1.31	51.29	11.08	28.94	3.67	125.34	26.14	1.85	72.61	
14/09/2024 11:35	21	3.17	88.4	11.06	19.56	2.17	51.51	11.09	29.67	4.48	124.86	27.7	3.07	72.95	
14/09/2024 11:40	20.87	3.12	89.26	11.06	19.25	1.82	53.94	11.08	29.5	4.42	126.15	27.26	2.58	76.38	
14/09/2024 11:45	20.53	3.03	88.73	11.06	18.59	1.45	52.36	11.09	29.01	4.29	125.4	26.34	2.06	74.19	
14/09															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
14/09/2024 13:30	21.56	3.45	90.89	11.11	18.42	1.18	52.67	11.13	30.61	4.9	129.02	26.2	1.67	74.91	
14/09/2024 13:35	20.48	3.03	90.24	11.1	18	0.81	53.5	11.12	29.06	4.3	128.04	25.59	1.16	76.05	
14/09/2024 13:40	21.37	3.56	91.95	11.11	18.29	1.02	55.48	11.13	30.35	5.06	130.58	26.01	1.46	78.9	
14/09/2024 13:45	21.36	3.53	91.94	11.11	18.19	1.17	53.67	11.13	30.33	5.02	130.57	25.89	1.66	76.38	
14/09/2024 13:50	20.34	2.93	89.49	11.11	17.8	0.92	53.25	11.13	28.87	4.16	127.03	25.32	1.31	75.77	
14/09/2024 13:55	21.05	3.52	91.35	11.12	18.19	1.01	54.55	11.13	29.92	5	129.81	25.88	1.44	77.62	
14/09/2024 14:00	21.14	3.52	91.47	11.12	18.22	1.17	53.77	11.14	30.04	5	129.99	25.94	1.67	76.53	
14/09/2024 14:05	20.54	2.99	90.21	11.11	18.22	1.11	54.44	11.14	29.16	4.25	128.08	25.94	1.58	77.52	
14/09/2024 14:10	20.73	3.32	91.54	11.11	18.6	1.29	55.73	11.14	29.45	4.71	130.03	26.49	1.84	79.33	
14/09/2024 14:15	20.7	3.44	91.52	11.12	18.47	1.23	53.31	11.13	29.41	4.89	130.01	26.29	1.76	75.87	
14/09/2024 14:20	20.58	3.1	90.2	11.11	19.14	1.77	53.71	11.14	29.22	4.4	128.06	27.25	2.52	76.47	
14/09/2024 14:25	20.54	3.18	91.93	11.12	18.74	1.39	55.11	11.13	29.18	4.51	130.6	26.67	1.98	78.44	
14/09/2024 14:30	20.36	3.14	91.95	11.12	18.27	1.26	53.49	11.14	28.92	4.46	130.63	26	1.79	76.15	
14/09/2024 14:35	20.34	2.83	90.44	11.11	18.21	1.2	52.7	11.13	28.88	4.02	128.44	25.92	1.71	75	
14/09/2024 14:40	21.08	3.21	91.05	11.12	18.21	1	54.85	11.14	29.97	4.56	129.43	25.93	1.42	78.07	
14/09/2024 14:45	20.55	2.55	90.73	11.12	17.97	1.09	53.39	11.14	29.2	3.62	128.94	25.58	1.55	76.02	
14/09/2024 14:50	20.35	3	90.16	11.12	17.42	0.78	53.5	11.13	28.91	4.27	128.11	24.79	1.11	76.14	
14/09/2024 14:55	20.96	3.5	92.06	11.12	18.04	1.07	54.47	11.14	29.79	4.98	130.86	25.68	1.52	77.55	
14/09/2024 15:00	21.06	3.53	92.27	11.12	18.48	1.53	53.87	11.14	29.94	5.02	131.16	26.33	2.19	76.75	
14/09/2024 15:05	20.09	2.84	91.09	11.12	18.17	0.91	54	11.14	28.55	4.03	129.4	25.87	1.29	76.89	
14/09/2024 15:10	21.67	4.19	94.33	11.13	18.58	1.15	55.23	11.14	30.82	5.96	134.16	26.46	1.64	78.64	
14/09/2024 15:15	21.78	4.16	94.91	11.13	18.02	1.16	54.3	11.14	30.98	5.91	134.98	25.65	1.64	77.3	
14/09/2024 15:20	20.41	3.01	89.85	11.11	18.47	1.38	53.8	11.14	29	4.27	127.63	26.3	1.96	76.6	
14/09/2024 15:25	21.02	3.65	92.96	11.13	18.44	1.32	54.04	11.14	29.89	5.19	132.19	26.26	1.88	76.96	
14/09/2024 15:30	20.88	3.69	93.48	11.13	18.44	1.36	52.19	11.14	29.69	5.25	132.98	26.28	1.94	74.35	
14/09/2024 15:35	20.47	2.83	87.73	11.11	18.39	0.89	51	11.14	29.07	4.02	124.6	26.18	1.27	72.61	
14/09/2024 15:40	21.09	3.5	89.71	11.12	18.53	1	52.03	11.14	29.98	4.98	127.54	26.38	1.42	74.09	
14/09/2024 15:45	21.47	3.86	89.94	11.13	18.31	1.01	51.27	11.14	30.53	5.49	127.91	26.07	1.43	73	
14/09/2024 15:50	20.29	2.73	88.13	11.12	18.23	0.83	51.2	11.14	28.83	3.88	125.19	25.97	1.18	72.92	
14/09/2024 15:55	21.14	3.44	90.01	11.12	18.2	0.82	52.35	11.14	30.06	4.89	127.97	25.92	1.17	74.54	
14/09/2024 16:00	21.08	3.41	89.94	11.12	18.24	1.14	51.7	11.14	29.97	4.85	127.87	25.98	1.63	73.61	
14/09/2024 16:05	20.39	2.88	88.49	11.11	18.25	1.06	52.3	11.14	28.95	4.09	125.67	25.99	1.51	74.47	
14/09/2024 16:10	21.02	3.49	90.9	11.12	18.66	1.19	52.58	11.14	29.88	4.96	129.25	26.57	1.69	74.87	
14/09/2024 16:15	20.89	3.5	91.11	11.13	18.38	1.27	52.05	11.14	29.71	4.98	129.56	26.18	1.81	74.11	
14/09/2024 16:20	20.68	2.94	88.28	11.11	19.17	1.49	51.86	11.14	29.37	4.18	125.39	27.3	2.12	73.85	
14/09/2024 16:25	21.25	3.4	90.24	11.12	18.81	1.18	52.91	11.14	30.19	4.84	128.23	26.78	1.68	75.32	
14/09/2024 16:30	21.52	3.52	90.22	11.12	18.31	1.11	51.35	11.13	30.58	5	128.21	26.06	1.58	73.08	
14/09/2024 16:35	20.52	2.95	89.73	11.11	19.32	1.36	52.72	11.14	29.12	4.18	127.36	27.51	1.94	75.08	
14/09/2024 16:40	20.87	3.6	90.52	11.11	19.2	1.39	54.06	11.13	29.63	5.11	128.55	27.33	1.98	76.95	
14/09/2024 16:45	20.69	3.63	89.94	11.11	18.14	1.1	53.16	11.13	29.38	5.15	127.71	25.81	1.57	75.62	
14/09/2024 16:50	20.27	2.91	89.95	11.11	19.17	1.94	53.17	11.14	28.77	4.14	127.69	27.29	2.76	75.69	
14/09/2024 16:55	21.07	3.37	91.82	11.11	18.66	1.39	54.15	11.13	29.93	4.79	130.41	26.55	1.98	77.05	
14/09/2024 17:00	21.14	3.27	92.14	11.11	18.46	1.44	53.11	11.13	30.02	4.64	130.86	26.26	2.04	75.56	
14/09/2024 17:05	20.58	2.57	81.36	11.07	17.97	1.03	53.08	11.12	29.11	3.64	115.06	25.55	1.46	75.46	
14/09/2024 17:10	21.55	3.3	83.23	11.07	18.27	1.06	54.72	11.12	30.48	4.66	117.7	25.96	1.51	77.76	
14/09/2024 17:15	21.98	3.52	82.89	11.07	18.53	1.35	52.54	11.12	31.09	4.97	117.23	26.33	1.91	74.67	
14/09/2024 17:20	20.82	2.76	81.94	11.06	18.14	0.89	51.27	11.11	29.42	3.9	115.79	25.76	1.27	72.79	
14/09/2024 17:25	21.09	2.96	85.07	11.06	18.5	1.07	53.36	11.11	29.81	4.18	120.21	26.27	1.52	75.76	
14/09/2024 17:30	21.02	2.88	86.06	11.06	18.12	1.22	49.75	11.1	29.69	4.06	121.6	25.69	1.73	70.56	
14/09/2024 17:35	20.46	3.17	90.91	11.09	18.25	1.39	48.42	11.09	28.98	4.48	128.76	25.85	1.97	68.58	
14/09/2024 17:40	21.39	3.85	93.27	11.09	18.49	1.39	50.27	11.09	30.31	5.46	132.16	26.18	1.96	71.2	
14/09/2024 17:45	21.77	4.27	93.81	11.09	18.2	1.19	48.43	11.08	30.85	6.05	132.95	25.76	1.68	68.56	
14/09/2024 17:50	20.64	3.2	90.63	11.08	18.08	1.16	48.72	11.08	29.21	4.52	128.28	25.58	1.64	68.94	
14/09/2024 17:55	21.52	3.65	91.22	11.08	18.27	1.2	50.02	11.08	30.46	5.17	129.13	25.86	1.71	70.79	
14/09/2024 18:00	21.59	3.66	91.09	11.08	18.2	1.09	47.69	11.08	30.57	5.18	128.96	25.76	1.55	67.5	
14/09/2024 18:05	20.99	3.37	91.38	11.07	19.15	1.58	51.29	11.1	29.69	4.76	129.23	27.16	2.24	72.72	
14/09/2024 18:10	21.49	3.65	93.36	11.07	19.27	1.63	53.74	11.09	30.39	5.17	132.04	27.31	2.31	76.18	
14/09/2024 18:15	21.45	3.63	93.48	11.07	18.54	1.47	53.64	11.09	30.34	5.13	132.22	26.27	2.09	76.03	
14/09/2024 18:20	20.91	3.5	93.75	11.07	19.31	1.63	52.72	11.09	29.56	4.95	132.54	27.37	2.3	74.7	
14/09/2024 18:25	21.43	3.93	95.17	11.07	19.24	1.67	54.17	11.09	30.32	5.55	134.64	27.27	2.36	76.77	
14/09/2024 18:30	21.45	4.06	95.58	11.08	18.54	1.16	51.61	11.09	30.35	5.75	135.22	26.26	1.65	73.12	
14/09/2024 18:35	20.94	3.31	91.23	11.07	18.7	1.22	50.78	11.09	29.6	4.68	128.94	26.49	1.73	71.93	
14/09/2024 18:40	21.47	3.74	92.29	11.07	18.64	1.12	52.61	11.09	30.36	5.29	130.52	26.4	1.59	74.5	
14/09/2024 18:45	21.42	3.69	92.23	11.07	18.68	1.48	52.01	11.09	30.3	5.22	130.47	26.46	2.1	73.66	
14/09/2024 18:50	21.14	3.2	87.12	11.06	18.78	1.42	49.88	11.08	29.86	4.53	123.04	26.58	2.01	70.59	
14/09/2024 18:55	21.73	3.65	91.49	11.06	19.08	1.53	53.92	11.08	30.71	5.15	129.26	27	2.17	76.33	
14/09/2024 19:00	21.67	3.56	92.16	11.06	18.52	1.64	60.2	11.08	30.62	5.04	130.19	26.21	2.32	85.2	
14/09/2024 19:05	20.61	4.22	104.13	11.05	18.47	2.19	63.53	11.08	29.09	5.96	147.01	26.14	3.1	89.91	
14/09/2024 19:10	21.33	4.87	105.11	11.06	18.64	1.99	65.23	11.08	30.14	6.88	148.54	26.38	2.81	92.3	
14/09/2024 19:15	21.59	5.19	105.53	11.07	18.51	1.76	61.86	11.07	30.53	7.34	149.18	26.18	2.49	87.51	
14/09/2024 19:20	20.85	4.22	102.84	11.05	18.94	1.89	61.41	11.07	29.42	5.96	145.1	26.77	2.67	86.82	
14/09/2024 19:25	21.16	4.58	104.68	11.05	19.05	1.98	63.97	11.07	29.87	6.47	147.75	26.94	2.8	90.43	
14/09/2024 19:30	21.08	4.52	104.64	11.05	18.6	1.71	61.4	11.07	29.75	6.38	147.69	26.29	2.41	86.79	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
14/09/2024 21:15	21.77	5.52	106.5	11.04	18.71	2.45	62.04	11.05	30.69	7.78	150.17	26.4	3.46	87.57	
14/09/2024 21:20	21.01	4.99	104.51	11.03	18.83	2.63	62.03	11.05	29.6	7.03	147.24	26.58	3.71	87.57	
14/09/2024 21:25	21.73	5.47	106.4	11.05	19.04	2.59	64.41	11.06	30.64	7.71	150.08	26.89	3.65	90.94	
14/09/2024 21:30	21.97	5.47	106.2	11.05	18.67	2.53	63.97	11.06	30.99	7.72	149.82	26.38	3.58	90.36	
14/09/2024 21:35	20.99	5.18	105.97	11.04	18.84	2.74	63.88	11.05	29.58	7.29	149.33	26.61	3.86	90.18	
14/09/2024 21:40	21.55	5.79	109.09	11.05	18.93	2.66	65.06	11.06	30.39	8.16	153.88	26.73	3.76	91.85	
14/09/2024 21:45	21.48	5.86	109.33	11.05	18.63	2.59	63.77	11.06	30.31	8.27	154.26	26.31	3.66	90.05	
14/09/2024 21:50	21.16	5.13	107.22	11.04	18.89	2.74	63.94	11.06	29.82	7.23	151.13	26.67	3.86	90.28	
14/09/2024 21:55	21.52	5.62	107.74	11.05	18.85	2.59	64.07	11.06	30.36	7.93	152	26.62	3.66	90.46	
14/09/2024 22:00	21.7	5.66	107.47	11.05	18.51	2.49	62.38	11.06	30.62	7.98	151.61	26.14	3.51	88.13	
14/09/2024 22:05	21.23	5.21	105.63	11.04	18.86	2.64	61.84	11.06	29.92	7.34	148.89	26.63	3.73	87.33	
14/09/2024 22:10	21.59	5.67	108.04	11.05	18.91	2.61	64.16	11.05	30.46	8	152.43	26.7	3.68	90.58	
14/09/2024 22:15	21.38	5.66	108.16	11.05	18.53	2.55	62.47	11.05	30.16	7.98	152.6	26.16	3.6	88.17	
14/09/2024 22:20	20.93	5.14	105.37	11.04	18.7	2.69	62	11.05	29.49	7.24	148.46	26.4	3.8	87.51	
14/09/2024 22:25	21.57	5.71	108.55	11.04	18.81	2.67	64.49	11.05	30.41	8.05	153.02	26.55	3.76	91.03	
14/09/2024 22:30	21.63	5.82	109.41	11.04	18.42	2.55	64.02	11.06	30.49	8.2	154.24	26.02	3.6	90.43	
14/09/2024 22:35	21.01	5.13	104.94	11.04	18.39	2.64	63.09	11.06	29.61	7.23	147.92	25.97	3.73	89.11	
14/09/2024 22:40	21.58	5.66	107.54	11.05	18.65	2.6	64.56	11.06	30.45	7.99	151.71	26.34	3.67	91.17	
14/09/2024 22:45	21.75	5.74	108.38	11.05	18.65	2.6	63.2	11.06	30.68	8.09	152.89	26.35	3.67	89.3	
14/09/2024 22:50	21.09	5.15	104.54	11.04	18.87	2.78	63.22	11.06	29.73	7.26	147.4	26.67	3.93	89.34	
14/09/2024 22:55	21.68	5.62	106.39	11.05	18.88	2.66	64.34	11.06	30.59	7.93	150.15	26.67	3.76	90.91	
14/09/2024 23:00	21.88	5.63	106.48	11.05	18.44	2.55	62.23	11.06	30.88	7.94	150.32	26.05	3.6	87.92	
14/09/2024 23:05	21.19	5.09	104.8	11.04	18.62	2.72	62.91	11.06	29.87	7.18	147.76	26.3	3.84	88.88	
14/09/2024 23:10	21.55	5.71	107.77	11.04	18.64	2.63	64.82	11.06	30.4	8.06	151.98	26.34	3.72	91.57	
14/09/2024 23:15	21.53	5.82	108.81	11.05	18.22	2.68	64.23	11.06	30.37	8.2	153.48	25.74	3.78	90.75	
14/09/2024 23:20	20.88	5.33	108.34	11.04	18.61	2.92	65.41	11.07	29.44	7.51	152.73	26.31	4.13	92.48	
14/09/2024 23:25	21.43	5.71	109.64	11.05	18.72	2.84	67.03	11.07	30.23	8.06	154.68	26.46	4.02	94.72	
14/09/2024 23:30	21.47	5.72	109.81	11.05	18.48	2.67	64.48	11.07	30.29	8.07	154.91	26.11	3.77	91.14	
14/09/2024 23:35	20.82	5.08	104.85	11.04	18.5	2.81	63.73	11.06	29.35	7.16	147.83	26.14	3.98	90.07	
14/09/2024 23:40	21.38	5.54	105.95	11.05	18.56	2.7	64.25	11.06	30.17	7.82	149.53	26.23	3.81	90.78	
14/09/2024 23:45	21.36	5.5	105.44	11.05	18.18	2.52	61.05	11.06	30.15	7.77	148.84	25.69	3.56	86.24	
14/09/2024 23:50	21.15	5.05	104.37	11.04	18.59	2.72	62.14	11.06	29.82	7.12	147.14	26.27	3.84	87.8	
14/09/2024 23:55	21.55	5.43	105.46	11.05	18.54	2.64	64.02	11.07	30.42	7.67	148.87	26.2	3.73	90.48	
15/09/2024 00:00	21.52	5.42	105.48	11.05	18.23	2.52	61.35	11.06	30.38	7.66	148.93	25.76	3.55	86.68	
15/09/2024 00:05	20.71	4.77	101.72	11.04	18.25	2.66	61.17	11.06	29.19	6.72	143.35	25.77	3.75	86.39	
15/09/2024 00:10	21.27	5.21	103.51	11.04	18.63	2.65	63.62	11.06	29.99	7.35	145.98	26.3	3.74	89.83	
15/09/2024 00:15	21.27	5.25	103.78	11.05	18.33	2.56	61.4	11.06	30	7.41	146.38	25.89	3.61	86.72	
15/09/2024 00:20	20.81	4.82	100.9	11.03	18.58	2.77	61.25	11.05	29.31	6.79	142.08	26.22	3.91	86.45	
15/09/2024 00:25	21.27	5.27	103.55	11.03	18.6	2.66	62.28	11.05	29.96	7.42	145.84	26.25	3.76	87.88	
15/09/2024 00:30	21.36	5.27	103.41	11.03	18.06	2.53	61.19	11.05	30.08	7.42	145.65	25.5	3.57	86.37	
15/09/2024 00:35	20.78	4.96	102.05	11.03	18.53	2.78	60.63	11.05	29.27	6.99	143.72	26.14	3.92	85.55	
15/09/2024 00:40	21.25	5.29	103.49	11.04	18.55	2.63	62.11	11.05	29.95	7.46	145.85	26.17	3.71	87.62	
15/09/2024 00:45	21.28	5.28	103.31	11.04	18.25	2.5	60.12	11.05	29.99	7.45	145.58	25.75	3.53	84.81	
15/09/2024 00:50	21.02	4.92	101.91	11.02	18.54	2.64	60.02	11.05	29.58	6.92	143.43	26.17	3.73	84.68	
15/09/2024 00:55	21.28	5.32	103.51	11.03	18.56	2.54	60.85	11.05	29.97	7.49	145.82	26.19	3.58	85.86	
15/09/2024 01:00	21.17	5.28	103.33	11.03	18.14	2.5	60.48	11.05	29.83	7.44	145.58	25.6	3.53	85.34	
15/09/2024 01:05	20.93	4.88	101.02	11.03	18.39	2.58	60.08	11.05	29.47	6.87	142.2	25.96	3.64	84.79	
15/09/2024 01:10	21.51	5.27	103.15	11.04	18.45	2.48	61.84	11.05	30.3	7.43	145.36	26.05	3.51	87.29	
15/09/2024 01:15	21.61	5.27	103.16	11.04	18.32	2.47	59.41	11.05	30.46	7.42	145.39	25.86	3.49	83.88	
15/09/2024 01:20	20.95	4.77	100.29	11.03	18.76	2.64	59.22	11.05	29.51	6.72	141.25	26.48	3.73	83.58	
15/09/2024 01:25	21.33	5.2	102.26	11.03	18.71	2.58	60.36	11.05	30.04	7.32	144.02	26.41	3.63	85.17	
15/09/2024 01:30	21.23	5.22	102.53	11.03	18.18	2.38	57.54	11.05	29.9	7.35	144.39	25.65	3.35	81.17	
15/09/2024 01:35	20.74	4.68	99.51	11.03	18.47	2.6	57.63	11.04	29.19	6.58	140.08	26.04	3.66	81.25	
15/09/2024 01:40	21.3	5.06	100.69	11.03	18.44	2.46	59.06	11.04	30	7.12	141.81	26	3.47	83.28	
15/09/2024 01:45	21.38	5.08	100.53	11.03	18.04	2.32	57.11	11.05	30.11	7.16	141.6	25.45	3.28	80.58	
15/09/2024 01:50	20.9	4.65	99.04	11.02	18.33	2.42	56.24	11.04	29.39	6.54	139.27	25.85	3.42	79.31	
15/09/2024 01:55	21.25	5.03	100.71	11.02	18.41	2.32	57.05	11.04	29.89	7.08	141.7	25.95	3.27	80.42	
15/09/2024 02:00	21.19	5.02	100.67	11.02	18.13	2.27	55.78	11.04	29.81	7.06	141.66	25.55	3.2	78.62	
15/09/2024 02:05	20.95	4.55	98.62	11.01	18.53	2.38	55.83	11.04	29.45	6.39	138.66	26.12	3.35	78.68	
15/09/2024 02:10	21.38	4.99	99.97	11.02	18.69	2.32	57.39	11.04	30.08	7.03	140.66	26.34	3.27	80.88	
15/09/2024 02:15	21.42	5.05	99.89	11.02	18.22	2.21	56.15	11.03	30.14	7.11	140.56	25.67	3.11	79.12	
15/09/2024 02:20	20.83	4.54	97.95	11.01	18.36	2.45	56.47	11.04	29.28	6.38	137.69	25.87	3.46	79.57	
15/09/2024 02:25	21.46	5.03	100.29	11.02	18.51	2.4	58.26	11.03	30.19	7.08	141.1	26.09	3.38	82.08	
15/09/2024 02:30	21.52	5.08	100.09	11.02	17.99	2.27	56.65	11.04	30.28	7.15	140.87	25.36	3.19	79.86	
15/09/2024 02:35	20.65	4.52	97.9	11.02	18.11	2.5	56.77	11.04	29.05	6.36	137.7	25.52	3.53	80	
15/09/2024 02:40	21.2	5.03	100.93	11.02	18.27	2.41	57.93	11.04	29.84	7.08	142.07	25.75	3.39	81.65	
15/09/2024 02:45	21.31	5.08	100.72	11.02	18.12	2.3	56.4	11.04	29.99	7.15	141.75	25.55	3.24	79.53	
15/09/2024 02:50	20.67	4.59	98.43	11.02	18.41	2.39	56.12	11.04	29.07	6.45	138.43	25.94	3.37	79.09	
15/09/2024 02:55	21.33	5	100.21	11.02	18.46	2.36	57.59	11.04	30.02	7.04	141.04	26.02	3.33	81.16	
15/09/2024 03:00	21.44	5.05	100.3	11.02	18.1	2.3	55.81	11.04	30.17	7.11	141.16	25.52	3.25	78.7	
15/09/2024 03:05	20.71	4.61	98.36	11.02	18.25	2.42	55.14	11.04	29.13	6.48	138.36	25.72	3.42	77.72	
15/09/2024 03:10	21.25	4.99	99.89	11.02	18.3	2.36	56.63	11.04	29.92	7.02	140.6	25.8	3.33	79.82	
15/09/2024 03:15	21.33	4.99	99.67	11.03	18.1	2.29									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
15/09/2024 05:00	21.27	4.97	99.7	11.02	18.08	2.24	55.81	11.03	29.91	6.99	140.25	25.46	3.15	78.6	
15/09/2024 05:05	20.66	4.47	97.9	11.01	18.39	2.42	55.99	11.03	29.04	6.28	137.59	25.91	3.41	78.87	
15/09/2024 05:10	21.27	4.86	99.06	11.01	18.48	2.32	57.55	11.03	29.91	6.83	139.28	26.02	3.27	81.05	
15/09/2024 05:15	21.23	4.81	98.56	11.02	18.07	2.15	54.93	11.03	29.87	6.77	138.63	25.44	3.03	77.34	
15/09/2024 05:20	20.72	4.43	97.05	11.01	18.5	2.38	55.36	11.03	29.11	6.22	136.37	26.04	3.35	77.94	
15/09/2024 05:25	21.1	4.89	99.81	11.01	18.59	2.34	57.41	11.02	29.66	6.87	140.3	26.17	3.29	80.8	
15/09/2024 05:30	21.08	4.99	100.28	11.01	17.99	2.22	55.8	11.03	29.62	7.01	140.93	25.34	3.13	78.57	
15/09/2024 05:35	20.74	4.5	98.26	11.01	18.44	2.31	55.22	11.03	29.15	6.33	138.07	25.95	3.26	77.74	
15/09/2024 05:40	21.2	4.92	99.91	11.02	18.5	2.26	56.9	11.03	29.81	6.92	140.52	26.04	3.18	80.12	
15/09/2024 05:45	21.22	5.02	100.28	11.02	18.09	2.2	55.63	11.03	29.85	7.06	141.07	25.49	3.1	78.36	
15/09/2024 05:50	20.79	4.54	98.36	11.01	18.3	2.39	56.51	11.04	29.23	6.38	138.29	25.78	3.37	79.63	
15/09/2024 05:55	21.43	4.9	99.7	11.02	18.44	2.34	57.87	11.04	30.14	6.89	140.23	25.99	3.3	81.54	
15/09/2024 06:00	21.56	4.88	99.45	11.02	18.07	2.29	56.02	11.03	30.33	6.86	139.9	25.45	3.22	78.91	
15/09/2024 06:05	20.69	4.41	97.81	11.01	18.24	2.5	56.42	11.03	29.07	6.19	137.45	25.69	3.52	79.47	
15/09/2024 06:10	21.1	4.82	99.24	11.01	18.31	2.39	58.7	11.03	29.68	6.77	139.54	25.8	3.37	82.69	
15/09/2024 06:15	21.13	4.8	99.08	11.01	18.19	2.26	56.11	11.04	29.7	6.75	139.31	25.63	3.18	79.06	
15/09/2024 06:20	20.73	4.47	97.93	11.01	18.42	2.36	56.23	11.04	29.15	6.28	137.68	25.96	3.33	79.24	
15/09/2024 06:25	21.2	4.89	99.76	11.02	18.4	2.29	59.26	11.03	29.82	6.87	140.34	25.92	3.22	83.47	
15/09/2024 06:30	21.27	4.92	99.61	11.02	18.09	2.3	56.91	11.03	29.91	6.93	140.12	25.48	3.23	80.15	
15/09/2024 06:35	20.61	4.41	97.37	11.01	18.47	2.43	56.9	11.03	28.96	6.2	136.83	26.01	3.42	80.14	
15/09/2024 06:40	21.2	4.81	99.38	11.01	18.4	2.31	57.72	11.03	29.81	6.76	139.74	25.91	3.25	81.29	
15/09/2024 06:45	21.2	4.74	99.09	11.02	18.07	2.25	56.37	11.03	29.82	6.66	139.35	25.45	3.16	79.4	
15/09/2024 06:50	20.74	4.5	97.19	11.01	18.63	2.5	55.86	11.03	29.15	6.33	136.58	26.24	3.52	78.68	
15/09/2024 06:55	21.17	4.84	99.65	11.02	18.58	2.49	57.93	11.03	29.77	6.81	140.13	26.17	3.51	81.6	
15/09/2024 07:00	21.3	4.85	100	11.02	17.98	2.19	57.09	11.03	29.95	6.81	140.63	25.31	3.09	80.39	
15/09/2024 07:05	20.82	4.54	98.62	11.01	18.33	2.47	56.86	11.03	29.24	6.38	138.54	25.81	3.48	80.07	
15/09/2024 07:10	21.16	4.9	100.51	11.02	18.41	2.33	59.14	11.03	29.75	6.9	141.36	25.92	3.28	83.28	
15/09/2024 07:15	21.13	4.92	100.91	11.02	18.07	2.16	55.55	11.03	29.71	6.92	141.9	25.45	3.04	78.24	
15/09/2024 07:20	20.8	4.42	97.22	11	18.77	2.66	55.59	11.03	29.21	6.2	136.55	26.43	3.74	78.28	
15/09/2024 07:25	21.36	4.77	99.42	11.01	18.78	2.49	57.74	11.03	30.02	6.7	139.75	26.45	3.5	81.3	
15/09/2024 07:30	21.55	4.75	99.23	11.01	18.11	2.14	56.72	11.03	30.29	6.68	139.48	25.51	3.02	79.87	
15/09/2024 07:35	20.62	4.43	98.7	11.01	18.03	2.31	57.37	11.03	28.97	6.22	138.67	25.39	3.25	80.79	
15/09/2024 07:40	21.43	4.86	100.5	11.01	18.34	2.33	59.83	11.03	30.14	6.84	141.31	25.82	3.28	84.24	
15/09/2024 07:45	21.67	4.83	100.38	11.02	18.18	2.19	58.05	11.03	30.49	6.8	141.2	25.6	3.09	81.74	
15/09/2024 07:50	20.73	4.47	98.61	11.01	18.39	2.42	58.22	11.03	29.13	6.28	138.57	25.9	3.41	82	
15/09/2024 07:55	21.3	4.76	99.99	11.01	18.46	2.22	58.81	11.03	29.94	6.7	140.59	25.98	3.12	82.79	
15/09/2024 08:00	21.31	4.77	100.02	11.01	18.22	2.19	57.47	11.02	29.96	6.7	140.6	25.64	3.08	80.88	
15/09/2024 08:05	20.69	4.23	97.37	11	18.53	2.22	56.98	11.02	29.05	5.94	136.69	26.08	3.12	80.19	
15/09/2024 08:10	21.39	4.77	100.44	11.01	18.66	2.19	58.97	11.02	30.05	6.69	141.1	26.26	3.08	82.96	
15/09/2024 08:15	21.63	4.8	100.39	11.01	18.27	2.09	57.93	11.02	30.38	6.74	141.04	25.71	2.94	81.51	
15/09/2024 08:20	20.76	4.35	99.63	11	18.56	2.19	57.81	11.02	29.13	6.1	139.83	26.11	3.08	81.33	
15/09/2024 08:25	21.33	4.89	102.48	11.01	18.78	2.3	60.29	11.02	29.97	6.87	143.97	26.43	3.24	84.82	
15/09/2024 08:30	21.42	4.88	102.5	11.01	17.95	1.87	59.61	11.01	30.1	6.85	144.03	25.24	2.63	83.8	
15/09/2024 08:35	20.63	4.45	100.75	10.99	18.03	2.1	59.42	11.01	28.93	6.24	141.32	25.34	2.94	83.5	
15/09/2024 08:40	21.2	4.89	102.1	11	18.28	2.13	60.74	11.01	29.76	6.86	143.3	25.68	3	85.34	
15/09/2024 08:45	21.09	4.91	102.25	11	18.41	2.21	58.87	11.01	29.61	6.89	143.52	25.88	3.1	82.73	
15/09/2024 08:50	20.63	4.27	98.28	10.99	18.26	2.14	58.1	11.01	28.94	5.99	137.9	25.67	3.01	81.66	
15/09/2024 08:55	21.16	4.63	99.6	11	18.52	2.05	59.71	11.01	29.72	6.5	139.89	26.04	2.88	83.95	
15/09/2024 09:00	21.19	4.67	99.64	11	18.59	1.93	55.89	11.02	29.76	6.57	139.97	26.14	2.72	78.6	
15/09/2024 09:05	20.82	4.08	97.06	11	18.92	2.4	57.27	11.02	29.22	5.73	136.24	26.61	3.37	80.57	
15/09/2024 09:10	21.35	4.46	99	11.01	18.79	2.11	58.83	11.02	29.99	6.27	139.08	26.43	2.97	82.76	
15/09/2024 09:15	21.41	4.44	98.78	11.01	18.48	2.02	58.02	11.02	30.07	6.24	138.78	25.99	2.85	81.62	
15/09/2024 09:20	20.92	4.17	99.53	11	19.28	2.7	58.45	11.02	29.37	5.85	139.71	27.13	3.81	82.25	
15/09/2024 09:25	21.42	4.63	101.19	11	19.12	2.39	60.71	11.02	30.07	6.5	142.04	26.89	3.36	85.36	
15/09/2024 09:30	21.56	4.71	101.66	11	17.98	1.66	58.44	11.01	30.26	6.6	142.66	25.26	2.33	82.1	
15/09/2024 09:35	20.73	4.14	99.33	10.99	18.45	2.06	58.88	11	29.06	5.81	139.28	25.92	2.9	82.7	
15/09/2024 09:40	21.28	4.56	101.71	10.99	18.58	1.97	60.45	11.01	29.87	6.39	142.72	26.11	2.76	84.92	
15/09/2024 09:45	21.42	4.56	101.78	10.99	18.33	1.72	58.94	11.01	30.06	6.41	142.81	25.74	2.41	82.8	
15/09/2024 09:50	20.73	4.08	99.32	10.99	18.35	1.91	58.73	11	29.06	5.72	139.23	25.77	2.68	82.49	
15/09/2024 09:55	21.04	4.38	101.57	10.99	18.58	1.91	60.54	11	29.5	6.15	142.43	26.09	2.69	85.03	
15/09/2024 10:00	20.95	4.41	101.84	10.99	18.2	1.75	59.27	11	29.38	6.18	142.79	25.56	2.45	83.23	
15/09/2024 10:05	20.81	3.95	98.78	10.98	18.58	1.56	58.04	10.99	29.15	5.53	138.39	26.06	2.2	81.44	
15/09/2024 10:10	21.29	4.44	100.71	10.99	18.8	1.78	60.05	11	29.85	6.23	141.22	26.39	2.5	84.29	
15/09/2024 10:15	21.38	4.52	100.56	10.99	17.93	1.55	59.3	11	29.97	6.34	141.02	25.17	2.17	83.27	
15/09/2024 10:20	20.54	3.95	98.89	10.98	18.08	1.72	59.04	11	28.78	5.53	138.59	25.39	2.41	82.92	
15/09/2024 10:25	21.18	4.26	100.59	10.98	18.17	1.57	60.48	11	29.7	5.97	141	25.51	2.2	84.92	
15/09/2024 10:30	20.98	4.22	101.41	10.98	18.11	1.67	59.1	11	29.41	5.92	142.13	25.43	2.34	83	
15/09/2024 10:35	20.24	3.59	98.48	10.98	18.36	1.5	58.85	11	28.36	5.03	137.96	25.77	2.11	82.61	
15/09/2024 10:40	20.6	3.81	99.32	10.98	18.32	1.43	60.37	11	28.87	5.35	139.22	25.72	2	84.75	
15/09/2024 10:45	20.3	3.7	99.06	10.98	18.11	1.59	58.71	11.01	28.45	5.19	138.85	25.45	2.24	82.49	
15/09/2024 10:50	20.5	3.65	97.59	10.98	18.96	2.31	58.88	11.01	28.73	5.11	136.79	26.65	3.25	82.76	
15/09/2024 10:55	21.06	4.19	98.94	10.99	18.92	2.09	59.82	11.01	29.53	5.87	138.75	26.59	2.94	84.05	
15/09/2024 11:00	21.28	4.42	98.95	10.99	18.25	1.62	57.96	11.01	29.85	6.21	138.8	25.66	2.27	81.47	
15/09/2024 11:05	20.25	3.51	97.24	10.99	17.98	1.24									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
15/09/2024 12:45	21.42	3.67	94.7	11.01	18.19	1.24	55.11	11.03	30.12	5.17	133.16	25.62	1.75	77.64	
15/09/2024 12:50	20.51	3.08	93.06	11.01	18.83	1.29	54.5	11.03	28.83	4.32	130.81	26.52	1.81	76.77	
15/09/2024 12:55	21.12	3.49	94.65	11.02	18.67	1.17	56.07	11.03	29.7	4.9	133.12	26.3	1.65	78.98	
15/09/2024 13:00	21.14	3.41	94.33	11.02	18.08	0.93	54.94	11.03	29.73	4.79	132.65	25.47	1.31	77.39	
15/09/2024 13:05	20.63	3.19	94.53	11.01	19.06	1.67	55.18	11.04	29	4.49	132.88	26.86	2.35	77.76	
15/09/2024 13:10	20.97	3.64	96.24	11.02	18.75	1.37	56.95	11.04	29.51	5.12	135.41	26.42	1.93	80.24	
15/09/2024 13:15	20.94	3.61	96.17	11.02	18.4	1.45	56.61	11.04	29.46	5.08	135.33	25.94	2.04	79.79	
15/09/2024 13:20	20.36	3.19	93.64	11.01	18.97	2.1	56.96	11.04	28.62	4.48	131.63	26.75	2.95	80.31	
15/09/2024 13:25	21.07	3.69	96.18	11.01	18.93	1.81	58.35	11.04	29.63	5.18	135.23	26.68	2.54	82.24	
15/09/2024 13:30	21.02	3.67	96.38	11.01	18.24	1.18	57.38	11.03	29.55	5.17	135.51	25.7	1.67	80.85	
15/09/2024 13:35	20.37	3.4	95.92	11.01	19.17	2.06	58.92	11.04	28.64	4.78	134.85	27.03	2.91	83.07	
15/09/2024 13:40	20.82	3.85	99.6	11.02	18.86	1.65	60.09	11.04	29.3	5.42	140.16	26.58	2.32	84.69	
15/09/2024 13:45	20.86	3.85	99.94	11.03	18.3	1.39	59.49	11.04	29.36	5.41	140.67	25.79	1.96	83.84	
15/09/2024 13:50	20.14	3.34	98.83	11.01	18.18	0.86	58.8	11.03	28.32	4.69	138.97	25.6	1.21	82.79	
15/09/2024 13:55	20.82	3.97	100.61	11.02	18.31	1.12	61.07	11.03	29.29	5.58	141.56	25.8	1.58	86.03	
15/09/2024 14:00	20.78	3.92	100.56	11.02	18.28	1.46	60.6	11.04	29.24	5.52	141.51	25.76	2.06	85.42	
15/09/2024 14:05	20.24	3.48	99.16	11.01	18.21	1.53	60.79	11.03	28.45	4.89	139.38	25.65	2.16	85.63	
15/09/2024 14:10	20.79	4.16	101.45	11.02	18.34	1.51	62.22	11.03	29.26	5.85	142.77	25.84	2.12	87.66	
15/09/2024 14:15	20.8	4.16	101.42	11.02	18.23	1.45	60.36	11.04	29.26	5.85	142.72	25.7	2.04	85.1	
15/09/2024 14:20	20.26	3.47	99.39	11.02	18.66	1.47	59.83	11.04	28.5	4.89	139.81	26.3	2.07	84.35	
15/09/2024 14:25	20.74	3.95	100.27	11.02	18.59	1.39	61.05	11.04	29.19	5.56	141.14	26.21	1.96	86.06	
15/09/2024 14:30	20.73	3.92	100.42	11.02	18.25	1.35	59.21	11.05	29.18	5.52	141.33	25.75	1.9	83.52	
15/09/2024 14:35	20.44	3.43	97.42	11.02	18.25	1.58	60.94	11.05	28.77	4.82	137.11	25.74	2.23	85.97	
15/09/2024 14:40	20.38	3.34	99.02	11.03	18.13	1.29	61.47	11.04	28.68	4.69	139.39	25.58	1.83	86.7	
15/09/2024 14:45	20	2.99	99.34	11.02	18.11	1.24	58.76	11.04	28.15	4.2	139.81	25.54	1.75	82.87	
15/09/2024 14:50	20.2	3.25	95.67	11.02	18.55	1.39	57.95	11.04	28.42	4.57	134.63	26.15	1.96	81.71	
15/09/2024 14:55	20.99	3.83	97.69	11.03	18.57	1.34	60.02	11.04	29.56	5.39	137.59	26.18	1.88	84.65	
15/09/2024 15:00	20.86	3.83	98.11	11.03	18.14	1.21	57	11.05	29.38	5.39	138.16	25.59	1.71	80.42	
15/09/2024 15:05	20.18	3.31	95.83	11.02	18.48	1.44	57.68	11.05	28.41	4.65	134.87	26.08	2.03	81.38	
15/09/2024 15:10	20.92	3.88	97.87	11.03	18.47	1.34	59.43	11.05	29.46	5.46	137.86	26.06	1.9	83.84	
15/09/2024 15:15	20.95	3.83	97.64	11.03	18.15	1.22	57.46	11.05	29.52	5.4	137.55	25.62	1.72	81.08	
15/09/2024 15:20	20.19	3.24	94.8	11.03	18.16	1.3	57.14	11.05	28.43	4.56	133.47	25.63	1.84	80.62	
15/09/2024 15:25	20.87	3.8	96.31	11.04	18.23	1.19	58.31	11.05	29.43	5.36	135.79	25.73	1.68	82.28	
15/09/2024 15:30	20.78	3.78	96.14	11.04	18.06	1.11	56.43	11.06	29.3	5.33	135.56	25.51	1.57	79.71	
15/09/2024 15:35	20.18	3.07	92.96	11.03	18.33	1.33	56.7	11.06	28.44	4.33	130.95	25.88	1.88	80.06	
15/09/2024 15:40	20.79	3.59	94.16	11.04	18.4	1.16	56.98	11.05	29.3	5.07	132.7	25.97	1.64	80.43	
15/09/2024 15:45	20.73	3.6	94.44	11.04	18.19	1.03	53.35	11.06	29.22	5.07	133.08	25.68	1.46	75.32	
15/09/2024 15:50	20.48	2.99	91.04	11.03	18.42	1.28	53.36	11.05	28.85	4.22	128.24	26.01	1.81	75.33	
15/09/2024 15:55	21.39	3.43	92.55	11.04	18.31	1.03	54.47	11.05	30.14	4.83	130.42	25.84	1.46	76.88	
15/09/2024 16:00	21.45	3.35	92.39	11.03	18.31	1.23	52.83	11.06	30.23	4.71	130.17	25.86	1.73	74.62	
15/09/2024 16:05	20.8	3.17	89.86	11.03	18.47	1.25	51.92	11.06	29.3	4.47	126.57	26.08	1.77	73.32	
15/09/2024 16:10	21.65	3.8	92.27	11.04	18.54	1.17	54.82	11.06	30.51	5.35	130.07	26.18	1.65	77.41	
15/09/2024 16:15	22.02	4.16	92.39	11.04	18.45	1.27	52.52	11.05	31.04	5.86	130.28	26.04	1.8	74.13	
15/09/2024 16:20	21.15	3.46	91.29	11.03	19.09	1.7	52.59	11.05	29.78	4.87	128.52	26.94	2.4	74.21	
15/09/2024 16:25	21.76	4.11	93.61	11.03	19.14	1.6	53.92	11.05	30.65	5.79	131.89	27	2.26	76.07	
15/09/2024 16:30	22.25	4.49	93.77	11.04	18.62	1.53	53.54	11.05	31.35	6.32	132.13	26.28	2.15	75.55	
15/09/2024 16:35	21.05	3.34	90.65	11.02	18.77	1.07	53.49	11.04	29.61	4.69	127.52	26.47	1.51	75.44	
15/09/2024 16:40	21.61	3.87	92.04	11.03	19	1.2	54.93	11.04	30.43	5.45	129.57	26.79	1.7	77.45	
15/09/2024 16:45	22.09	4.49	92.17	11.03	18.76	1.34	52.14	11.04	31.12	6.32	129.82	26.44	1.88	73.5	
15/09/2024 16:50	21.14	3.41	90.21	11.01	18.75	1.39	51.84	11.04	29.72	4.8	126.82	26.42	1.96	73.06	
15/09/2024 16:55	21.56	3.73	91.51	11.01	19.12	1.54	53.77	11.03	30.31	5.24	128.68	26.94	2.18	75.76	
15/09/2024 17:00	21.58	3.81	91.5	11.02	18.48	1.24	51.42	11.03	30.34	5.36	128.67	26.02	1.74	72.41	
15/09/2024 17:05	21.5	2.99	80.89	10.98	19	1.61	51.03	11.03	30.12	4.19	113.32	26.75	2.26	71.86	
15/09/2024 17:10	22.11	3.31	80.78	10.98	19.11	1.48	51.41	11.02	30.97	4.64	113.13	26.9	2.08	72.36	
15/09/2024 17:15	22.36	3.35	80.52	10.97	18.61	1.31	50.85	11.02	31.31	4.68	112.74	26.17	1.85	71.51	
15/09/2024 17:20	21.36	2.94	80.21	10.96	18.74	1.56	50.24	11.02	29.88	4.12	112.19	26.36	2.19	70.65	
15/09/2024 17:25	21.88	3.27	79.92	10.96	18.94	1.38	51.31	11.01	30.6	4.57	111.81	26.61	1.93	72.09	
15/09/2024 17:30	21.81	3.17	79.8	10.96	18.36	1.09	47.4	11	30.51	4.44	111.62	25.77	1.52	66.54	
15/09/2024 17:35	21.22	3.27	87.57	10.98	17.93	0.81	44.58	10.98	29.74	4.59	122.73	25.13	1.13	62.46	
15/09/2024 17:40	21.92	3.82	89.59	10.99	18.19	0.81	46.34	10.98	30.75	5.36	125.67	25.48	1.14	64.93	
15/09/2024 17:45	21.88	3.8	89.41	10.99	18.05	0.95	43.81	10.97	30.68	5.33	125.41	25.28	1.34	61.34	
15/09/2024 17:50	21.37	3.21	83.47	10.97	19.51	2.15	43.4	10.97	29.92	4.5	116.88	27.32	3.01	60.78	
15/09/2024 17:55	21.95	3.81	86.23	10.98	19.41	1.76	44.24	10.97	30.74	5.33	120.78	27.17	2.46	61.93	
15/09/2024 18:00	21.88	3.94	86.09	10.98	18.56	1.03	42.87	10.97	30.64	5.52	120.59	25.97	1.44	60.01	
15/09/2024 18:05	21.39	3.15	84.93	10.97	18.94	1.25	46.2	10.99	29.92	4.41	118.82	26.57	1.76	64.8	
15/09/2024 18:10	21.88	3.81	87.1	10.97	19.08	1.31	49.4	10.99	30.63	5.34	121.95	26.76	1.84	69.27	
15/09/2024 18:15	21.72	3.81	87.48	10.97	18.7	1.19	47.27	10.98	30.41	5.34	122.5	26.21	1.67	66.26	
15/09/2024 18:20	21.43	3.29	84.57	10.96	18.83	1.39	47.05	10.98	29.98	4.6	118.28	26.38	1.94	65.91	
15/09/2024 18:25	22.43	4.04	86.1	10.97	19.07	1.41	48.54	10.98	31.4	5.66	120.54	26.72	1.97	68.02	
15/09/2024 18:30	22.67	4.21	85.91	10.97	18.56	1.2	46.43	10.98	31.75	5.89	120.29	26.01	1.68	65.07	
15/09/2024 18:35	21.61	3.3	84.58	10.96	18.85	1.38	47	10.98	30.23	4.62	118.33	26.43	1.93	65.89	
15/09/2024 18:40	22.23	3.89	86.85	10.97	18.87	1.27	48.45	10.98	31.12	5.44	121.57	26.45	1.78	67.91	
15/09/2024 18:45	22.36	3.88	86.95	10.97	18.75	1.28	46.88	10.98	31.29	5.43	121.7	26.27	1		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
15/09/2024 20:30	21.94	4.28	91.69	10.96	18.51	1.45	48.84	10.97	30.67	5.99	128.17	25.92	2.03	68.38	
15/09/2024 20:35	21.33	3.65	88.82	10.95	18.61	1.72	50.91	10.97	29.78	5.1	124.01	26.05	2.4	71.24	
15/09/2024 20:40	21.98	4.1	90.88	10.95	18.82	1.63	51.82	10.97	30.71	5.73	126.98	26.33	2.27	72.51	
15/09/2024 20:45	22.13	4.1	90.47	10.95	18.38	1.52	50.03	10.96	30.92	5.72	126.42	25.72	2.13	70	
15/09/2024 20:50	21.34	3.82	90.66	10.94	18.61	1.86	50.66	10.96	29.78	5.33	126.53	26.03	2.6	70.87	
15/09/2024 20:55	21.88	4.3	93.67	10.95	18.82	1.78	51.93	10.97	30.57	6.01	130.86	26.34	2.49	72.67	
15/09/2024 21:00	22	4.27	94.08	10.95	18.37	1.54	49.64	10.97	30.74	5.96	131.45	25.72	2.16	69.49	
15/09/2024 21:05	21.19	3.78	91.34	10.95	18.45	1.72	50.4	10.97	29.59	5.28	127.55	25.82	2.4	70.53	
15/09/2024 21:10	21.92	4.34	94.42	10.95	18.65	1.68	52.38	10.97	30.63	6.07	131.92	26.1	2.36	73.29	
15/09/2024 21:15	22.06	4.31	94.52	10.95	18.35	1.61	51.44	10.96	30.83	6.03	132.06	25.67	2.25	71.96	
15/09/2024 21:20	21.32	3.99	93.22	10.94	18.56	1.92	51.81	10.96	29.76	5.57	130.11	25.96	2.68	72.46	
15/09/2024 21:25	21.71	4.37	95.12	10.95	18.66	1.76	53.07	10.96	30.34	6.1	132.91	26.1	2.47	74.23	
15/09/2024 21:30	21.56	4.35	94.98	10.95	18.51	1.71	52.32	10.97	30.14	6.07	132.75	25.9	2.39	73.23	
15/09/2024 21:35	20.89	3.69	93.54	10.94	17.95	1.56	52.71	10.96	29.16	5.16	130.56	25.11	2.18	73.75	
15/09/2024 21:40	21.89	4.47	95.66	10.95	18.31	1.56	54.04	10.97	30.57	6.24	133.61	25.62	2.18	75.6	
15/09/2024 21:45	22.09	4.55	95.75	10.95	18.36	1.69	51.74	10.97	30.86	6.36	133.76	25.7	2.37	72.45	
15/09/2024 21:50	21.18	3.99	93.7	10.95	18.61	1.78	51.15	10.97	29.6	5.58	130.91	26.06	2.5	71.61	
15/09/2024 21:55	21.8	4.4	95.54	10.96	18.71	1.71	52.46	10.97	30.49	6.15	133.62	26.19	2.39	73.43	
15/09/2024 22:00	21.8	4.38	95.73	10.96	18.45	1.74	51.36	10.97	30.48	6.12	133.87	25.84	2.44	71.92	
15/09/2024 22:05	21.18	3.96	94.24	10.95	18.55	2	50.94	10.97	29.6	5.54	131.67	25.97	2.8	71.32	
15/09/2024 22:10	21.79	4.32	95.54	10.95	18.77	1.88	52.61	10.97	30.43	6.03	133.43	26.26	2.63	73.6	
15/09/2024 22:15	21.81	4.28	95.3	10.95	18.41	1.71	52.18	10.96	30.46	5.98	133.07	25.75	2.4	72.99	
15/09/2024 22:20	21.24	3.92	92.67	10.94	18.81	1.92	51.53	10.96	29.64	5.47	129.31	26.32	2.69	72.09	
15/09/2024 22:25	22.01	4.4	95.07	10.95	19.06	1.94	52.57	10.96	30.74	6.15	132.77	26.66	2.71	73.54	
15/09/2024 22:30	22.31	4.46	95.25	10.95	18.32	1.59	51.99	10.97	31.17	6.22	133.04	25.63	2.22	72.75	
15/09/2024 22:35	21.19	4.02	93.66	10.95	18.75	1.84	52.57	10.97	29.6	5.61	130.83	26.25	2.58	73.57	
15/09/2024 22:40	21.73	4.39	95.13	10.95	18.86	1.8	53.81	10.97	30.36	6.13	132.96	26.4	2.52	75.3	
15/09/2024 22:45	21.81	4.42	94.94	10.95	18.32	1.71	52.12	10.97	30.48	6.18	132.67	25.64	2.39	72.94	
15/09/2024 22:50	21.2	3.94	93.95	10.95	18.75	1.9	51.09	10.97	29.61	5.51	131.22	26.24	2.66	71.51	
15/09/2024 22:55	21.57	4.47	96.17	10.96	18.74	1.79	53.27	10.97	30.15	6.25	134.45	26.23	2.5	74.57	
15/09/2024 23:00	21.52	4.52	96.23	10.96	18.21	1.58	52.29	10.97	30.08	6.32	134.54	25.49	2.21	73.21	
15/09/2024 23:05	21.1	4.04	94.3	10.95	18.81	1.8	51.08	10.97	29.48	5.65	131.72	26.33	2.52	71.49	
15/09/2024 23:10	21.62	4.45	96.43	10.96	18.78	1.73	52.9	10.97	30.21	6.23	134.79	26.29	2.43	74.02	
15/09/2024 23:15	21.63	4.5	96.61	10.96	18.37	1.73	52.59	10.97	30.23	6.29	135.07	25.71	2.42	73.6	
15/09/2024 23:20	21.08	4.14	96.84	10.95	18.33	1.63	53.22	10.97	29.44	5.78	135.21	25.65	2.28	74.47	
15/09/2024 23:25	21.5	4.63	99.38	10.95	18.72	1.85	55.38	10.97	30.04	6.47	138.84	26.19	2.59	77.49	
15/09/2024 23:30	21.61	4.67	99.45	10.95	18	1.51	54.72	10.96	30.19	6.53	138.96	25.17	2.11	76.54	
15/09/2024 23:35	21.01	4.1	97.39	10.94	18.5	1.91	55.21	10.96	29.32	5.73	135.92	25.88	2.67	77.23	
15/09/2024 23:40	21.66	4.49	98.49	10.95	18.46	1.76	56.49	10.96	30.24	6.27	137.54	25.82	2.46	78.99	
15/09/2024 23:45	21.7	4.44	98.03	10.95	18.26	1.73	53.68	10.96	30.3	6.2	136.88	25.52	2.41	75.04	
15/09/2024 23:50	21.05	4.14	96.13	10.94	18.75	1.95	52.84	10.96	29.37	5.78	134.09	26.21	2.73	73.88	
15/09/2024 23:55	21.7	4.49	97.18	10.94	18.81	1.86	54.32	10.96	30.29	6.27	135.63	26.3	2.61	75.94	
16/09/2024 00:00	21.92	4.53	97.19	10.94	18.37	1.72	52.75	10.96	30.6	6.33	135.64	25.69	2.41	73.75	
16/09/2024 00:05	21.36	4.1	95.89	10.94	18.92	1.94	52.29	10.96	29.81	5.72	133.84	26.45	2.71	73.11	
16/09/2024 00:10	21.42	4.45	96.82	10.95	18.92	1.89	53.68	10.96	29.91	6.22	135.21	26.45	2.64	75.06	
16/09/2024 00:15	21.31	4.52	96.91	10.95	18.51	1.79	52.89	10.96	29.76	6.31	135.31	25.9	2.5	73.99	
16/09/2024 00:20	20.97	3.97	95.8	10.94	18.84	1.86	52.2	10.96	29.27	5.54	133.72	26.35	2.6	73.01	
16/09/2024 00:25	21.73	4.63	97.81	10.95	18.86	1.86	54.23	10.96	30.35	6.46	136.64	26.38	2.6	75.87	
16/09/2024 00:30	21.84	4.74	97.83	10.95	18.41	1.69	52.64	10.96	30.52	6.62	136.69	25.76	2.36	73.64	
16/09/2024 00:35	21.07	4.04	96.66	10.94	18.58	1.98	51.93	10.96	29.42	5.65	134.96	25.98	2.77	72.62	
16/09/2024 00:40	21.69	4.48	97.88	10.95	18.66	1.84	54.06	10.96	30.29	6.25	136.69	26.1	2.58	75.59	
16/09/2024 00:45	21.8	4.55	98.28	10.95	18.51	1.85	52.68	10.96	30.44	6.35	137.25	25.89	2.58	73.69	
16/09/2024 00:50	20.96	3.9	95.16	10.94	18.89	1.71	51.84	10.96	29.26	5.44	132.8	26.42	2.38	72.48	
16/09/2024 00:55	21.61	4.53	97.59	10.94	18.84	1.73	53.87	10.96	30.17	6.33	136.24	26.34	2.42	75.33	
16/09/2024 01:00	21.8	4.66	97.95	10.94	18.43	1.75	52.68	10.96	30.43	6.5	136.75	25.78	2.45	73.67	
16/09/2024 01:05	21.12	4.04	94.75	10.93	18.75	1.97	53.74	10.96	29.46	5.63	132.14	26.21	2.75	75.14	
16/09/2024 01:10	21.72	4.48	97.47	10.94	18.88	1.92	54.76	10.96	30.32	6.26	136.05	26.4	2.68	76.56	
16/09/2024 01:15	21.91	4.5	97.98	10.94	18.44	1.74	52.5	10.95	30.58	6.29	136.8	25.77	2.43	73.37	
16/09/2024 01:20	21.08	4.09	95.43	10.94	18.53	1.84	52.84	10.95	29.4	5.71	133.1	25.89	2.58	73.82	
16/09/2024 01:25	21.57	4.44	97.77	10.94	18.71	1.87	54.42	10.95	30.11	6.2	136.49	26.14	2.62	76.05	
16/09/2024 01:30	21.77	4.49	97.92	10.94	18.21	1.69	52.82	10.95	30.38	6.26	136.69	25.45	2.36	73.83	
16/09/2024 01:35	21.18	4.04	95.49	10.94	18.74	2.06	53.5	10.96	29.55	5.64	133.25	26.2	2.89	74.81	
16/09/2024 01:40	21.35	4.33	96.23	10.94	18.77	1.89	54.15	10.96	29.8	6.04	134.3	26.25	2.64	75.7	
16/09/2024 01:45	21.2	4.38	95.91	10.94	18.28	1.65	50.95	10.95	29.58	6.11	133.81	25.54	2.31	71.2	
16/09/2024 01:50	21.08	3.84	91.69	10.93	19.43	2.32	51.15	10.96	29.4	5.35	127.86	27.17	3.24	71.51	
16/09/2024 01:55	21.45	4.22	93.73	10.93	19.14	1.99	52.39	10.95	29.91	5.89	130.73	26.75	2.77	73.21	
16/09/2024 02:00	21.52	4.21	93.73	10.93	18.4	1.58	50.68	10.95	30.01	5.87	130.74	25.71	2.21	70.81	
16/09/2024 02:05	20.96	3.76	91.48	10.93	18.87	1.77	50.88	10.95	29.23	5.24	127.56	26.36	2.47	71.06	
16/09/2024 02:10	21.57	4.24	93.69	10.94	18.89	1.68	52.06	10.95	30.1	5.92	130.74	26.39	2.35	72.72	
16/09/2024 02:15	21.66	4.28	93.23	10.94	18.33	1.57	50.47	10.95	30.23	5.98	130.14	25.61	2.2	70.49	
16/09/2024 02:20	21.02	3.8	91.68	10.93	18.77	1.84	50.64	10.95	29.31	5.29	127.84	26.22	2.58	70.73	
16/09/2024 02:25	21.67	4.25	92.87	10.94	18.77	1.73	52.05	10.95	30.23	5.93	129.58	26.22	2.42	72.71	
16/09/2024 02:30	21.86	4.31	92.88	10.94	18.43	1.57	50.29	10.95	30.5	6.02	129.58	25.75	2.19	70.29	
16/09/2024															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
16/09/2024 04:15	21.53	3.99	90.42	10.93	18.62	1.61	48.99	10.94	30.02	5.56	126.06	25.99	2.25	68.41	
16/09/2024 04:20	21.01	3.52	88.92	10.92	18.75	1.69	48.89	10.95	29.26	4.9	123.83	26.18	2.36	68.27	
16/09/2024 04:25	21.76	3.93	89.68	10.92	18.94	1.69	50.16	10.94	30.3	5.47	124.88	26.43	2.36	70.01	
16/09/2024 04:30	22.03	3.94	89.48	10.92	18.6	1.54	48.85	10.94	30.68	5.49	124.62	25.96	2.15	68.2	
16/09/2024 04:35	21.02	3.52	89.3	10.92	19.06	1.65	49.41	10.94	29.26	4.89	124.31	26.6	2.3	68.96	
16/09/2024 04:40	21.81	4.21	92	10.93	19.09	1.66	51.09	10.94	30.4	5.87	128.23	26.65	2.32	71.31	
16/09/2024 04:45	22.03	4.35	92.44	10.93	18.58	1.58	49.3	10.94	30.71	6.06	128.85	25.93	2.21	68.8	
16/09/2024 04:50	21.05	3.67	90	10.92	18.77	1.68	48.39	10.94	29.31	5.11	125.34	26.2	2.34	67.54	
16/09/2024 04:55	21.39	4.01	91.66	10.92	18.82	1.66	50.34	10.94	29.8	5.58	127.67	26.27	2.31	70.24	
16/09/2024 05:00	21.34	4.08	91.2	10.92	18.36	1.58	48.92	10.94	29.73	5.68	127.03	25.62	2.2	68.25	
16/09/2024 05:05	21.04	3.62	89.98	10.91	19.13	1.7	48.41	10.94	29.29	5.04	125.25	26.69	2.38	67.53	
16/09/2024 05:10	21.65	4.09	91.8	10.92	18.93	1.59	49.95	10.94	30.16	5.7	127.92	26.41	2.22	69.69	
16/09/2024 05:15	21.81	4.13	91.72	10.93	18.45	1.5	48.89	10.94	30.4	5.75	127.83	25.76	2.09	68.26	
16/09/2024 05:20	21.05	3.61	90.93	10.92	18.64	1.53	48.16	10.94	29.3	5.03	126.6	26.01	2.14	67.19	
16/09/2024 05:25	21.53	4.04	91.65	10.93	18.74	1.5	50.42	10.94	30	5.64	127.73	26.15	2.1	70.35	
16/09/2024 05:30	21.55	4	91.44	10.93	18.47	1.63	49.86	10.94	30.03	5.58	127.44	25.77	2.28	69.55	
16/09/2024 05:35	21.02	3.73	90.58	10.91	18.63	1.97	51.62	10.94	29.25	5.19	126.05	25.99	2.74	72.01	
16/09/2024 05:40	21.55	4.1	92.07	10.92	18.64	1.74	52.39	10.93	30	5.71	128.2	26	2.42	73.07	
16/09/2024 05:45	21.59	4.05	91.66	10.92	18.46	1.58	49.55	10.94	30.06	5.64	127.6	25.75	2.21	69.11	
16/09/2024 05:50	20.98	3.62	90.46	10.92	18.72	1.78	49.52	10.93	29.21	5.04	125.93	26.11	2.48	69.07	
16/09/2024 05:55	21.48	4.09	92.86	10.92	18.96	1.84	51.05	10.94	29.93	5.69	129.38	26.46	2.56	71.22	
16/09/2024 06:00	21.66	4.14	93.19	10.93	18.38	1.55	50.1	10.94	30.18	5.77	129.88	25.65	2.17	69.89	
16/09/2024 06:05	20.96	3.75	90.98	10.91	18.8	1.82	49.43	10.93	29.16	5.22	126.57	26.22	2.53	68.91	
16/09/2024 06:10	21.41	4.12	92.81	10.92	18.76	1.71	51.79	10.93	29.82	5.73	129.25	26.16	2.38	72.2	
16/09/2024 06:15	21.36	3.99	92.67	10.92	18.46	1.65	50.18	10.94	29.75	5.55	129.08	25.75	2.31	70	
16/09/2024 06:20	20.87	3.69	90.62	10.92	18.76	1.72	50.57	10.94	29.06	5.14	126.21	26.18	2.4	70.58	
16/09/2024 06:25	21.44	4.02	91.69	10.92	18.81	1.64	51.58	10.94	29.86	5.6	127.69	26.24	2.29	71.95	
16/09/2024 06:30	21.56	4.02	91.14	10.92	18.46	1.62	49.98	10.93	30.03	5.6	126.92	25.75	2.25	69.97	
16/09/2024 06:35	20.85	3.54	90.33	10.91	18.72	1.78	50.6	10.94	29.02	4.93	125.72	26.12	2.48	70.59	
16/09/2024 06:40	21.35	4.02	92.45	10.92	18.87	1.75	51.53	10.93	29.73	5.6	128.73	26.31	2.44	71.87	
16/09/2024 06:45	21.42	4.05	92.66	10.92	18.53	1.66	50.19	10.93	29.83	5.64	129.03	25.84	2.31	69.99	
16/09/2024 06:50	20.95	3.71	90.49	10.91	19.09	1.89	49.06	10.93	29.15	5.16	125.92	26.62	2.63	68.4	
16/09/2024 06:55	21.47	4.03	92.33	10.92	19.08	1.85	51.75	10.93	29.89	5.62	128.54	26.6	2.59	72.15	
16/09/2024 07:00	21.38	3.94	92.13	10.92	18.46	1.58	49.53	10.93	29.76	5.48	128.25	25.73	2.2	69.04	
16/09/2024 07:05	20.89	3.61	90.06	10.91	18.72	1.75	49.65	10.93	29.06	5.03	125.25	26.09	2.44	69.2	
16/09/2024 07:10	21.44	3.98	91.82	10.91	18.75	1.54	51.13	10.92	29.83	5.54	127.72	26.13	2.15	71.24	
16/09/2024 07:15	21.45	4.03	91.31	10.91	18.53	1.52	49.35	10.92	29.84	5.61	127	25.82	2.11	68.74	
16/09/2024 07:20	21.01	3.57	90.74	10.9	18.89	1.75	49.8	10.92	29.21	4.96	126.11	26.32	2.44	69.39	
16/09/2024 07:25	21.36	3.99	92.8	10.9	19.09	1.77	51.51	10.92	29.7	5.54	129.04	26.59	2.47	71.74	
16/09/2024 07:30	21.23	3.99	93.28	10.9	18.52	1.49	49.87	10.92	29.53	5.54	129.72	25.79	2.08	69.44	
16/09/2024 07:35	21.03	3.58	90.69	10.9	19.11	1.5	49.64	10.91	29.23	4.97	126	26.59	2.09	69.09	
16/09/2024 07:40	21.51	4.06	92.89	10.9	19.19	1.59	51.54	10.92	29.9	5.64	129.13	26.72	2.22	71.75	
16/09/2024 07:45	21.59	4.13	92.92	10.9	18.49	1.36	50.09	10.92	30.02	5.74	129.18	25.75	1.89	69.74	
16/09/2024 07:50	21.06	3.62	91.51	10.9	18.68	1.56	49.59	10.91	29.26	5.03	127.14	26	2.17	69.02	
16/09/2024 07:55	21.49	3.92	93.2	10.9	18.92	1.59	51.71	10.91	29.87	5.45	129.53	26.33	2.22	71.96	
16/09/2024 08:00	21.58	3.88	93.38	10.9	18.61	1.42	50.04	10.91	29.98	5.39	129.75	25.9	1.98	69.64	
16/09/2024 08:05	21.11	3.57	90.85	10.89	18.93	1.67	49.98	10.92	29.32	4.96	126.2	26.35	2.32	69.58	
16/09/2024 08:10	21.36	3.77	91.47	10.9	19.02	1.63	51.55	10.92	29.69	5.25	127.12	26.49	2.27	71.76	
16/09/2024 08:15	21.3	3.81	91.2	10.9	18.73	1.31	49.1	10.92	29.6	5.3	126.75	26.07	1.83	68.36	
16/09/2024 08:20	21.03	3.36	89.23	10.89	18.99	1.48	49.03	10.92	29.21	4.67	123.93	26.45	2.06	68.27	
16/09/2024 08:25	21.44	3.65	89.91	10.9	19.02	1.37	49.83	10.92	29.8	5.07	124.98	26.49	1.91	69.37	
16/09/2024 08:30	21.38	3.58	89.44	10.9	18.84	1.31	48.89	10.92	29.71	4.98	124.3	26.23	1.82	68.07	
16/09/2024 08:35	21.17	3.28	88.73	10.89	18.92	1.45	49.23	10.91	29.4	4.56	123.24	26.33	2.02	68.5	
16/09/2024 08:40	21.62	3.66	89.47	10.89	18.96	1.4	49.98	10.91	30.04	5.09	124.29	26.39	1.95	69.54	
16/09/2024 08:45	21.83	3.85	89.67	10.89	18.68	1.3	48.5	10.91	30.32	5.34	124.57	26	1.81	67.5	
16/09/2024 08:50	21.11	3.26	89.12	10.89	18.47	1.12	48.37	10.91	29.31	4.52	123.77	25.69	1.56	67.29	
16/09/2024 08:55	21.49	3.54	90.32	10.9	18.91	1.32	50.97	10.91	29.85	4.92	125.48	26.31	1.83	70.92	
16/09/2024 09:00	21.45	3.41	90.03	10.9	18.33	1.02	48.45	10.91	29.81	4.73	125.08	25.52	1.41	67.43	
16/09/2024 09:05	21.08	3.13	88.49	10.89	18.56	1.28	48.21	10.91	29.28	4.35	122.87	25.82	1.78	67.08	
16/09/2024 09:10	21.33	3.44	90.46	10.9	18.85	1.36	49.74	10.91	29.64	4.79	125.7	26.24	1.9	69.23	
16/09/2024 09:15	21.33	3.53	90.44	10.9	18.71	1.3	48.5	10.92	29.64	4.91	125.69	26.05	1.81	67.54	
16/09/2024 09:20	21.06	3.14	88.16	10.89	18.64	1.32	48.7	10.92	29.25	4.36	122.45	25.95	1.84	67.79	
16/09/2024 09:25	21.74	3.85	90.09	10.9	18.92	1.32	49.96	10.92	30.22	5.35	125.26	26.35	1.84	69.56	
16/09/2024 09:30	22.3	4.49	90.28	10.91	18.64	1.17	48.16	10.92	31.02	6.24	125.59	25.95	1.62	67.04	
16/09/2024 09:35	20.81	2.88	87.36	10.89	18.86	1.3	48	10.91	28.9	4	121.29	26.25	1.81	66.78	
16/09/2024 09:40	21.85	3.59	90.41	10.9	18.96	1.22	49.56	10.91	30.36	4.99	125.65	26.38	1.69	68.95	
16/09/2024 09:45	21.8	3.24	90.17	10.9	18.61	1.13	48.76	10.91	30.29	4.5	125.32	25.9	1.58	67.86	
16/09/2024 09:50	21.13	3.2	88.49	10.89	18.15	0.88	49.35	10.91	29.35	4.45	122.91	25.26	1.22	68.66	
16/09/2024 09:55	21.68	3.65	90.23	10.9	18.63	1.1	50.75	10.91	30.13	5.07	125.41	25.93	1.54	70.62	
16/09/2024 10:00	21.73	3.8	89.92	10.9	18.64	1.17	49.2	10.92	30.21	5.28	124.99	25.96	1.63	68.5	
16/09/2024 10:05	21.35	3.3	88.71	10.89	19.11	1.25	49.48	10.92	29.66	4.59	123.24	26.61	1.74	68.89	
16/09/2024 10:10	21.14	3.23	90.09	10.9	18.99	1.06	50.65	10.92	29.39	4.48	125.24	26.44	1.48	70.52	
16/09/2024 10:15	21.17	3.3	89.72	10.9	18.45	1.02	49.49	10.92	29.43	4.59	124.73	25.69	1.42	68.91	
16/09/2024 10:20	20.85														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
16/09/2024 12:00	21.14	3.5	93.59	10.94	18.39	1.04	51.6	10.96	29.5	4.89	130.61	25.72	1.46	72.16	
16/09/2024 12:05	20.69	3.03	90.32	10.94	18.06	0.91	51.74	10.96	28.87	4.23	126.02	25.25	1.27	72.33	
16/09/2024 12:10	21.12	3.42	94.02	10.95	18.41	0.96	53.42	10.96	29.5	4.77	131.34	25.75	1.34	74.71	
16/09/2024 12:15	21.34	3.67	94.45	10.95	18.4	1.11	52.73	10.97	29.82	5.13	131.97	25.75	1.56	73.79	
16/09/2024 12:20	20.47	2.81	92.72	10.94	19.64	1.57	53.24	10.97	28.58	3.92	129.44	27.5	2.2	74.52	
16/09/2024 12:25	21.14	3.48	94.21	10.95	19.09	1.26	54.75	10.97	29.53	4.86	131.64	26.72	1.77	76.63	
16/09/2024 12:30	21.13	3.44	93.94	10.95	18.2	0.95	53.44	10.97	29.52	4.81	131.27	25.47	1.33	74.81	
16/09/2024 12:35	20.51	2.76	90.69	10.95	17.9	0.38	52.33	10.96	28.65	3.86	126.69	25.04	0.52	73.21	
16/09/2024 12:40	21.35	3.24	90.78	10.96	18.09	0.51	53.23	10.97	29.86	4.53	126.93	25.31	0.71	74.49	
16/09/2024 12:45	21.36	3.2	90.78	10.96	18.55	1.15	49.89	10.98	29.87	4.48	126.94	26	1.61	69.91	
16/09/2024 12:50	20.68	2.8	90.39	10.96	18.69	1.36	50.55	10.99	28.93	3.91	126.42	26.21	1.91	70.88	
16/09/2024 12:55	21.39	3.24	91.82	10.97	18.71	1.12	52.42	10.99	29.95	4.54	128.57	26.23	1.58	73.5	
16/09/2024 13:00	21.58	3.1	91.89	10.97	18.23	0.87	51.13	10.99	30.21	4.33	128.65	25.57	1.22	71.71	
16/09/2024 13:05	20.63	2.91	90.36	10.97	18.76	0.96	51.17	10.99	28.88	4.07	126.46	26.32	1.35	71.78	
16/09/2024 13:10	21.22	3.36	92.3	10.98	18.64	0.89	52.8	10.99	29.74	4.71	129.35	26.15	1.25	74.08	
16/09/2024 13:15	21.2	3.35	92.64	10.98	18.18	0.87	51.09	11	29.71	4.69	129.83	25.53	1.22	71.74	
16/09/2024 13:20	20.64	2.79	91.37	10.98	18.58	1.02	51.02	11	28.93	3.91	128.05	26.09	1.43	71.65	
16/09/2024 13:25	21.38	3.2	91.51	10.99	18.49	0.88	52	11	29.99	4.49	128.34	25.97	1.23	73.03	
16/09/2024 13:30	21.45	3.13	90.91	10.99	18.16	0.81	49.45	11.01	30.09	4.38	127.5	25.52	1.14	69.47	
16/09/2024 13:35	20.71	2.74	89.71	10.99	18.74	1.01	49.46	11.01	29.05	3.84	125.82	26.34	1.42	69.51	
16/09/2024 13:40	21.49	3.28	91.11	11	18.59	0.86	51.13	11.01	30.18	4.61	127.98	26.13	1.21	71.88	
16/09/2024 13:45	21.56	3.24	91.33	11	18.24	0.78	50.02	11.02	30.29	4.55	128.29	25.66	1.1	70.37	
16/09/2024 13:50	20.7	2.7	89.15	11	18.8	0.83	49.25	11.02	29.07	3.79	125.17	26.46	1.17	69.31	
16/09/2024 13:55	21.4	3.23	91.25	11.01	18.61	0.73	50.04	11.02	30.08	4.54	128.26	26.19	1.03	70.43	
16/09/2024 14:00	21.33	3.2	91.61	11.01	18.37	0.78	48.53	11.03	29.98	4.51	128.79	25.87	1.1	68.35	
16/09/2024 14:05	20.87	2.33	83.93	11.01	18.41	0.83	47.91	11.04	29.33	3.27	117.94	25.95	1.16	67.51	
16/09/2024 14:10	21.45	2.78	84.75	11.01	18.33	0.69	48.03	11.03	30.16	3.91	119.17	25.81	0.98	67.63	
16/09/2024 14:15	21.33	2.74	84.7	11.02	18.31	0.62	45.1	11.03	29.99	3.85	119.11	25.79	0.88	63.49	
16/09/2024 14:20	21.05	2.42	83.39	11.01	18.56	0.81	45.96	11.03	29.6	3.4	117.24	26.15	1.15	64.74	
16/09/2024 14:25	21.72	2.93	85.66	11.02	18.57	0.72	47.44	11.04	30.57	4.13	120.56	26.17	1.01	66.85	
16/09/2024 14:30	21.77	2.89	85.92	11.03	18.38	0.63	46.33	11.05	30.64	4.07	120.94	25.93	0.89	65.36	
16/09/2024 14:35	20.92	2.47	85.49	11.02	18.77	0.71	46.68	11.05	29.45	3.48	120.33	26.48	1	65.85	
16/09/2024 14:40	21.43	2.97	86.67	11.03	18.7	0.71	48.58	11.05	30.19	4.18	122.11	26.37	1	68.52	
16/09/2024 14:45	21.31	2.88	86.06	11.04	18.26	0.69	46.26	11.05	30.03	4.05	121.28	25.77	0.98	65.29	
16/09/2024 14:50	20.88	2.38	84.2	11.03	18.39	0.78	46.15	11.06	29.41	3.36	118.59	25.98	1.11	65.18	
16/09/2024 14:55	21.53	2.85	86.27	11.04	18.6	0.76	48.24	11.05	30.33	4.02	121.56	26.25	1.07	68.09	
16/09/2024 15:00	21.38	2.72	86.14	11.03	18.31	0.59	46.04	11.05	30.12	3.83	121.37	25.84	0.83	64.96	
16/09/2024 15:05	21	2.45	84.91	11.02	18.14	0.78	46.36	11.05	29.56	3.45	119.48	25.59	1.1	65.4	
16/09/2024 15:10	21.47	3	87	11.03	18.37	0.75	48.12	11.04	30.23	4.22	122.52	25.91	1.06	67.86	
16/09/2024 15:15	21.53	2.99	87.56	11.03	18.43	0.73	45.96	11.05	30.33	4.21	123.33	26	1.03	64.85	
16/09/2024 15:20	20.63	2.35	84.48	11.03	18.63	0.8	47.62	11.05	29.05	3.31	118.95	26.29	1.12	67.21	
16/09/2024 15:25	21.41	2.84	86.46	11.03	18.53	0.69	49.26	11.05	30.16	4	121.8	26.15	0.97	69.48	
16/09/2024 15:30	21.38	2.77	86.41	11.03	18.21	0.66	46.52	11.04	30.11	3.9	121.7	25.68	0.93	65.6	
16/09/2024 15:35	20.67	2.48	84.99	11.02	18.47	0.79	46.84	11.04	29.09	3.49	119.61	26.04	1.11	66.06	
16/09/2024 15:40	21.43	2.98	86.61	11.03	18.47	0.73	48.73	11.04	30.18	4.2	121.97	26.05	1.03	68.72	
16/09/2024 15:45	21.45	2.92	86.56	11.03	18.32	0.63	46.54	11.04	30.21	4.12	121.9	25.83	0.89	65.64	
16/09/2024 15:50	20.66	2.46	86.23	11.02	18.55	0.64	46.91	11.04	29.06	3.46	121.29	26.16	0.91	66.16	
16/09/2024 15:55	21.38	3.15	88.17	11.02	18.49	0.63	48.73	11.04	30.1	4.44	124.1	26.06	0.89	68.68	
16/09/2024 16:00	21.36	3.13	87.83	11.03	18.21	0.88	48.33	11.04	30.07	4.4	123.65	25.67	1.24	68.14	
16/09/2024 16:05	20.69	2.59	86.52	11.02	18.49	0.92	47.48	11.04	29.11	3.64	121.74	26.07	1.3	66.96	
16/09/2024 16:10	21.21	3.03	88.7	11.03	18.4	0.79	48.97	11.04	29.87	4.26	124.91	25.94	1.12	69.03	
16/09/2024 16:15	21.14	2.88	88.23	11.03	18.15	0.76	48.64	11.04	29.77	4.05	124.26	25.58	1.07	68.55	
16/09/2024 16:20	20.63	2.63	87.72	11.01	18.36	1	49.13	11.04	29.91	3.7	123.32	25.87	1.41	69.23	
16/09/2024 16:25	21.26	3.18	89.85	11.02	18.39	0.89	50.86	11.03	29.91	4.48	126.43	25.91	1.26	71.65	
16/09/2024 16:30	21.3	3.14	89.72	11.02	18.09	0.79	48.65	11.04	29.97	4.42	126.25	25.49	1.11	68.56	
16/09/2024 16:35	20.64	2.56	86.66	11.01	18.5	0.81	48.39	11.03	29.01	3.59	121.77	26.07	1.14	68.19	
16/09/2024 16:40	21.39	3.18	88.73	11.01	18.47	0.77	49.4	11.03	30.05	4.46	124.69	26.02	1.08	69.57	
16/09/2024 16:45	21.34	3.2	89.05	11.01	18.34	0.86	47.74	11.03	30	4.5	125.14	25.83	1.21	67.21	
16/09/2024 16:50	20.79	2.1	77.43	10.98	18.65	0.86	46.69	11.03	29.13	2.94	108.48	26.26	1.21	65.73	
16/09/2024 16:55	21.38	2.51	78.13	10.98	18.57	0.72	47.36	11.02	29.96	3.51	109.46	26.13	1.02	66.64	
16/09/2024 17:00	21.3	2.45	78.89	10.98	18.14	0.67	47.23	11.02	29.83	3.44	110.5	25.53	0.94	66.45	
16/09/2024 17:05	20.78	2.02	76.64	10.97	18.31	0.81	47.46	11.02	29.08	2.83	107.22	25.75	1.14	66.74	
16/09/2024 17:10	21.43	2.53	77.93	10.97	18.42	0.74	49.15	11.01	30	3.54	109.05	25.88	1.05	69.07	
16/09/2024 17:15	21.48	2.49	78.03	10.97	18.27	0.7	47.66	11.01	30.07	3.48	109.2	25.69	0.99	66.99	
16/09/2024 17:20	20.8	2.48	85.02	10.98	18.25	0.75	45.82	11	29.14	3.47	119.11	25.62	1.06	64.31	
16/09/2024 17:25	21.6	3.06	87.6	10.99	18.1	0.67	45.87	10.99	30.29	4.29	122.87	25.39	0.93	64.33	
16/09/2024 17:30	21.67	3.02	87.88	10.99	17.44	0.34	42.57	10.97	30.4	4.23	123.26	24.42	0.47	59.6	
16/09/2024 17:35	20.68	2.57	86.61	10.97	17.51	0.3	42.94	10.96	28.95	3.6	121.22	24.5	0.42	60.07	
16/09/2024 17:40	21.45	3.09	87.93	10.98	17.62	0.34	44.84	10.97	30.04	4.32	123.16	24.65	0.47	62.73	
16/09/2024 17:45	21.48	2.99	87.44	10.98	17.9	0.57	43.51	10.97	30.09	4.18	122.48	25.07	0.8	60.94	
16/09/2024 17:50	20.84	2.54	85.05	10.97	18.61	0.97	46.65	10.99	29.16	3.56	119.01	26.1	1.36	65.43	
16/09/2024 17:55	21.46	3.17	86.79	10.97	18.56	0.84	47.4	10.99	30.05	4.43	121.52	26.03	1.18	66.47	
16/09/2024 18:00	21.92	3.61	87.06	10.98	18.45	0.89	46.5	10.99	30.71	5.06	121.95	25.88	1.25	65.21	
16/09/2024 18:05	21.24	2.95													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
16/09/2024 19:45	21.59	2.91	85.2	10.94	18.5	0.85	45.74	10.96	30.13	4.06	118.9	25.86	1.19	63.93	
16/09/2024 19:50	20.92	2.56	84.65	10.92	19.07	0.99	46.06	10.95	29.14	3.56	117.92	26.64	1.38	64.35	
16/09/2024 19:55	21.7	3.06	87.72	10.92	19.1	0.97	47.49	10.95	30.24	4.26	122.22	26.67	1.35	66.32	
16/09/2024 20:00	21.73	3.03	87.59	10.92	18.24	0.71	46.11	10.94	30.28	4.23	122.04	25.47	1	64.36	
16/09/2024 20:05	20.94	2.57	85.1	10.92	19.3	1.22	46.9	10.94	29.16	3.57	118.47	26.95	1.7	65.48	
16/09/2024 20:10	21.8	3.27	87.03	10.92	19.35	1.13	47.89	10.94	30.36	4.56	121.2	27	1.58	66.84	
16/09/2024 20:15	22.63	4.02	87.88	10.92	18.39	0.84	46.72	10.94	31.52	5.6	122.41	25.67	1.18	65.19	
16/09/2024 20:20	21.6	3.34	87.55	10.91	18.62	0.97	46.09	10.94	30.06	4.64	121.84	25.97	1.35	64.3	
16/09/2024 20:25	21.68	3.42	89.67	10.91	18.68	0.99	48.49	10.93	30.17	4.76	124.79	26.05	1.38	67.62	
16/09/2024 20:30	22.34	4.1	90.06	10.92	18.3	1.01	48.97	10.93	31.11	5.7	125.4	25.51	1.4	68.26	
16/09/2024 20:35	20.88	2.85	90.57	10.89	18.92	1.74	49.67	10.93	29.01	3.97	125.81	26.37	2.43	69.21	
16/09/2024 20:40	21.09	3.16	92.12	10.9	18.78	1.37	51.2	10.92	29.3	4.4	128.01	26.15	1.9	71.3	
16/09/2024 20:45	20.39	2.53	91.83	10.89	18.37	1.07	50.32	10.91	28.33	3.52	127.56	25.57	1.49	70.04	
16/09/2024 20:50	21.23	3.35	90.84	10.89	18.72	1.41	50.53	10.91	29.47	4.65	126.1	26.05	1.96	70.32	
16/09/2024 20:55	21.8	3.61	92.42	10.89	18.83	1.3	52.46	10.91	30.28	5.02	128.34	26.2	1.81	73	
16/09/2024 21:00	21.42	3.24	92.39	10.89	18.44	1.05	49.95	10.9	29.74	4.49	128.28	25.64	1.45	69.46	
16/09/2024 21:05	21.23	3.2	89.31	10.88	19.08	1.39	48.9	10.9	29.44	4.44	123.85	26.52	1.94	67.97	
16/09/2024 21:10	22.04	3.81	91.87	10.88	19.09	1.27	51.59	10.9	30.59	5.29	127.49	26.54	1.77	71.71	
16/09/2024 21:15	22.48	4.19	92.27	10.89	18.43	0.96	48.52	10.9	31.21	5.82	128.09	25.6	1.34	67.42	
16/09/2024 21:20	21.01	2.82	88.19	10.87	19.03	1.25	48.27	10.9	29.12	3.91	122.24	26.45	1.74	67.09	
16/09/2024 21:25	22	3.77	89.98	10.88	19.07	1.22	49.1	10.9	30.52	5.23	124.81	26.5	1.7	68.24	
16/09/2024 21:30	22.06	4.1	89.92	10.88	18.36	0.94	47.85	10.89	30.6	5.68	124.74	25.5	1.3	66.48	
16/09/2024 21:35	21.17	2.99	88.35	10.87	18.69	0.92	48.35	10.89	29.33	4.15	122.38	25.96	1.28	67.15	
16/09/2024 21:40	21.47	3.19	90.69	10.87	18.93	1.05	49.58	10.89	29.75	4.42	125.66	26.28	1.45	68.83	
16/09/2024 21:45	21.56	3.14	90.88	10.87	18.55	1	48.68	10.88	29.87	4.35	125.9	25.74	1.39	67.54	
16/09/2024 21:50	20.9	2.91	90.7	10.86	19.27	1.39	50.18	10.88	28.92	4.03	125.51	26.74	1.93	69.62	
16/09/2024 21:55	21.79	3.58	91.75	10.86	19.26	1.39	51.43	10.88	30.17	4.96	127.07	26.72	1.93	71.34	
16/09/2024 22:00	21.59	3.42	91.17	10.86	18.52	1.05	48.58	10.88	29.9	4.74	126.26	25.68	1.46	67.39	
16/09/2024 22:05	21.37	3.25	90.16	10.85	18.47	0.86	47.87	10.87	29.57	4.5	124.75	25.6	1.2	66.37	
16/09/2024 22:10	22.16	3.83	91.49	10.86	18.83	1.02	49.54	10.88	30.69	5.31	126.68	26.11	1.41	68.69	
16/09/2024 22:15	22.64	4.08	91.48	10.86	18.6	1.17	48.85	10.88	31.35	5.65	126.69	25.8	1.62	67.76	
16/09/2024 22:20	21.28	3.18	89.56	10.86	18.55	1.62	49.25	10.88	29.45	4.41	123.93	25.73	2.25	68.33	
16/09/2024 22:25	21.67	3.52	90.75	10.86	18.77	1.47	50.66	10.88	30	4.87	125.62	26.03	2.04	70.27	
16/09/2024 22:30	21.69	3.56	90.52	10.86	18.49	1.12	49.36	10.88	30.02	4.93	125.31	25.64	1.56	68.44	
16/09/2024 22:35	21.51	3.28	88.7	10.85	18.67	1.22	49.42	10.87	29.75	4.54	122.66	25.87	1.69	68.48	
16/09/2024 22:40	21.78	3.46	90.15	10.85	18.92	1.27	51	10.87	30.14	4.79	124.74	26.23	1.76	70.69	
16/09/2024 22:45	21.7	3.24	90.19	10.85	18.63	1.18	49.11	10.87	30.03	4.48	124.8	25.82	1.64	68.06	
16/09/2024 22:50	21.47	3.29	87.36	10.85	18.62	1.12	48.86	10.87	29.69	4.55	120.78	25.8	1.55	67.72	
16/09/2024 22:55	21.71	3.26	87.97	10.85	18.91	1.21	50.34	10.87	30.03	4.51	121.71	26.2	1.67	69.76	
16/09/2024 23:00	21.97	3.35	87.41	10.85	18.68	1.23	48.48	10.87	30.4	4.63	120.95	25.89	1.71	67.21	
16/09/2024 23:05	21.36	3.4	88.29	10.85	18.91	1.61	50.23	10.87	29.54	4.7	122.1	26.21	2.23	69.64	
16/09/2024 23:10	21.77	3.87	89.97	10.85	19.11	1.64	51.65	10.87	30.12	5.35	124.47	26.49	2.27	71.59	
16/09/2024 23:15	21.67	3.91	89.7	10.85	18.51	1.26	49.63	10.87	29.98	5.41	124.09	25.64	1.75	68.77	
16/09/2024 23:20	21.35	3.5	89.39	10.85	18.45	1.18	49.85	10.87	29.51	4.84	123.58	25.57	1.63	69.06	
16/09/2024 23:25	22.11	4.1	90.2	10.85	18.93	1.43	50.78	10.87	30.57	5.67	124.74	26.23	1.98	70.36	
16/09/2024 23:30	22.3	4.25	89.92	10.85	18.64	1.26	48.17	10.87	30.83	5.88	124.35	25.83	1.75	66.73	
16/09/2024 23:35	21.41	3.35	87.77	10.84	18.69	1.09	48.25	10.86	29.58	4.63	121.27	25.88	1.51	66.82	
16/09/2024 23:40	22.06	3.93	90.02	10.85	18.8	1.19	49.25	10.87	30.52	5.43	124.54	26.04	1.64	68.22	
16/09/2024 23:45	21.97	3.92	90.67	10.86	18.56	1.2	47.76	10.87	30.4	5.43	125.48	25.72	1.66	66.18	
16/09/2024 23:50	21.66	3.49	86.91	10.85	19.13	1.76	46.72	10.87	29.95	4.82	120.14	26.51	2.44	64.72	
16/09/2024 23:55	22.19	3.73	88.05	10.85	19.25	1.62	48.52	10.87	30.7	5.15	121.78	26.66	2.24	67.21	
17/09/2024 00:00	22.23	3.63	87.64	10.85	18.63	1.24	47.94	10.86	30.75	5.02	121.2	25.81	1.72	66.4	
17/09/2024 00:05	21.58	3.43	87.11	10.84	18.81	1.47	47.87	10.86	29.83	4.74	120.36	26.05	2.03	66.29	
17/09/2024 00:10	22.08	3.89	90.12	10.84	18.96	1.4	49.68	10.86	30.53	5.37	124.57	26.25	1.94	68.78	
17/09/2024 00:15	22.16	3.91	90.16	10.84	18.56	1.31	49.24	10.86	30.62	5.4	124.6	25.7	1.81	68.19	
17/09/2024 00:20	21.62	3.59	88.52	10.84	19.33	1.85	49.91	10.87	29.88	4.96	122.31	26.77	2.57	69.13	
17/09/2024 00:25	22.23	4.09	90.51	10.84	19.22	1.6	51.42	10.86	30.74	5.65	125.11	26.61	2.21	71.21	
17/09/2024 00:30	22.3	4.21	90.72	10.85	18.44	1.17	48.04	10.86	30.82	5.81	125.41	25.55	1.62	66.54	
17/09/2024 00:35	21.58	3.44	87.18	10.84	18.68	1.33	47.61	10.86	29.81	4.75	120.44	25.86	1.84	65.93	
17/09/2024 00:40	22.09	3.86	88.08	10.85	18.84	1.3	48.8	10.86	30.54	5.34	121.77	26.08	1.8	67.57	
17/09/2024 00:45	22.13	3.89	87.59	10.85	18.35	1.01	46.83	10.86	30.59	5.38	121.11	25.4	1.39	64.83	
17/09/2024 00:50	21.56	3.3	86.01	10.83	18.89	1.34	47.12	10.86	29.78	4.55	118.77	26.14	1.86	65.23	
17/09/2024 00:55	22.32	4.01	88.2	10.85	19.01	1.3	49.66	10.86	30.87	5.55	121.95	26.32	1.81	68.74	
17/09/2024 01:00	22.45	4.19	88.63	10.85	18.54	1.13	46.72	10.85	31.05	5.79	122.56	25.66	1.56	64.64	
17/09/2024 01:05	21.49	3.43	86.9	10.83	18.81	1.26	47.41	10.85	29.68	4.73	119.99	26.02	1.74	65.61	
17/09/2024 01:10	22.29	3.99	88.91	10.84	19	1.26	48.77	10.85	30.8	5.51	122.87	26.29	1.75	67.48	
17/09/2024 01:15	22.44	4.1	88.84	10.84	18.46	1.2	47.51	10.86	31	5.66	122.76	25.55	1.66	65.76	
17/09/2024 01:20	21.64	3.51	87.3	10.84	19.11	1.42	47.75	10.86	29.88	4.85	120.58	26.45	1.97	66.11	
17/09/2024 01:25	22.18	3.88	88.31	10.84	19.23	1.44	48.93	10.86	30.66	5.37	122.07	26.62	1.99	67.74	
17/09/2024 01:30	22.25	3.89	87.7	10.85	18.74	1.32	46.81	10.86	30.76	5.38	121.26	25.96	1.83	64.83	
17/09/2024 01:35	21.49	3.29	86.1	10.84	19.25	1.49	46.63	10.86	29.69	4.55	118.94	26.66	2.07	64.57	
17/09/2024 01:40	22.1	3.8	87.97	10.84	19.31	1.48	48.1	10.86	30.55	5.26	121.59	26.74	2.04	66.59	
17/09/2024 01:45	21.98	3.7	88.19	10.84	18.66	1.24	46.69	10.86	30.39	5.12	121.9	25.85	1.72	64.66	
17/09/2024 01:50	21.42	3.34	87.2												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/09/2024 03:30	22.08	3.77	88.11	10.8	18.57	1.2	46.06	10.82	30.37	5.18	121.2	25.6	1.65	63.51	
17/09/2024 03:35	21.54	3.19	85.73	10.79	19.2	1.33	45.18	10.82	29.62	4.39	117.89	26.46	1.83	62.28	
17/09/2024 03:40	21.93	3.6	86.61	10.8	19.3	1.39	47.23	10.82	30.17	4.95	119.15	26.6	1.91	65.09	
17/09/2024 03:45	21.73	3.6	86.03	10.8	18.77	1.29	46.23	10.81	29.9	4.95	118.36	25.86	1.78	63.7	
17/09/2024 03:50	21.57	3.35	85.62	10.79	18.73	1.5	46.32	10.81	29.65	4.61	117.65	25.81	2.06	63.82	
17/09/2024 03:55	22	3.62	86.93	10.79	18.93	1.46	47.4	10.81	30.25	4.98	119.52	26.07	2.01	65.3	
17/09/2024 04:00	22.06	3.67	86.81	10.79	18.62	1.23	45.99	10.81	30.34	5.05	119.36	25.66	1.7	63.37	
17/09/2024 04:05	21.72	3.19	83.97	10.78	19.03	1.45	45.45	10.81	29.84	4.39	115.38	26.21	2	62.6	
17/09/2024 04:10	22.05	3.65	85.87	10.79	19.19	1.44	48.08	10.81	30.32	5.02	118.09	26.43	1.99	66.24	
17/09/2024 04:15	22.05	3.66	86.09	10.79	18.74	1.2	45.18	10.81	30.32	5.03	118.39	25.82	1.65	62.25	
17/09/2024 04:20	21.65	3.24	84.37	10.78	18.94	1.53	44.36	10.8	29.75	4.46	115.93	26.08	2.11	61.08	
17/09/2024 04:25	22.09	3.67	86.5	10.79	19.22	1.56	47.46	10.81	30.38	5.04	118.97	26.47	2.15	65.36	
17/09/2024 04:30	21.84	3.63	86.56	10.79	18.8	1.23	45.46	10.81	30.04	4.99	119.06	25.89	1.7	62.59	
17/09/2024 04:35	21.56	3.18	83.19	10.79	18.83	1.39	45.28	10.81	29.62	4.38	114.33	25.93	1.91	62.35	
17/09/2024 04:40	22.19	3.56	85.17	10.79	19.09	1.4	47.68	10.81	30.51	4.89	117.11	26.29	1.93	65.67	
17/09/2024 04:45	22.16	3.56	85.53	10.79	18.77	1.22	45.61	10.81	30.46	4.9	117.6	25.85	1.68	62.82	
17/09/2024 04:50	21.54	3.21	84.18	10.79	19.13	1.58	44.81	10.81	29.6	4.41	115.71	26.35	2.17	61.71	
17/09/2024 04:55	22	3.59	85.37	10.79	19.31	1.53	45.97	10.8	30.24	4.94	117.34	26.59	2.11	63.29	
17/09/2024 05:00	21.81	3.63	85.38	10.78	18.78	1.24	44.63	10.81	29.97	4.98	117.31	25.86	1.71	61.46	
17/09/2024 05:05	21.55	3.1	80.61	10.78	18.56	1.18	44.5	10.81	29.61	4.27	110.76	25.56	1.62	61.29	
17/09/2024 05:10	22.24	3.46	82.54	10.78	18.97	1.26	46.36	10.81	30.56	4.75	113.42	26.13	1.74	63.83	
17/09/2024 05:15	22.22	3.53	83.3	10.78	18.79	1.27	45.67	10.8	30.53	4.85	114.46	25.87	1.75	62.88	
17/09/2024 05:20	21.64	3.29	85.53	10.78	19.21	1.39	45.5	10.8	29.71	4.52	117.43	26.44	1.92	62.63	
17/09/2024 05:25	22.02	3.63	86.5	10.78	19.29	1.4	46.76	10.8	30.24	4.99	118.8	26.55	1.93	64.36	
17/09/2024 05:30	22.05	3.7	86.34	10.78	18.72	1.23	45.76	10.8	30.29	5.09	118.61	25.78	1.69	63	
17/09/2024 05:35	21.52	3.25	85.19	10.78	18.97	1.47	46.3	10.8	29.56	4.46	117.02	26.11	2.02	63.74	
17/09/2024 05:40	22.28	3.72	86.29	10.79	19.21	1.5	47.66	10.81	30.63	5.12	118.66	26.46	2.07	65.64	
17/09/2024 05:45	22.36	3.74	86.73	10.79	18.78	1.18	45.16	10.81	30.75	5.14	119.27	25.88	1.62	62.23	
17/09/2024 05:50	21.6	3.24	83.44	10.79	19.26	1.6	45.99	10.81	29.69	4.46	114.7	26.54	2.21	63.38	
17/09/2024 05:55	22.2	3.64	84.8	10.8	19.37	1.5	46.78	10.81	30.55	5.01	116.66	26.68	2.06	64.46	
17/09/2024 06:00	22.48	3.72	84.78	10.8	18.58	1.13	44.12	10.81	30.93	5.12	116.63	25.59	1.55	60.78	
17/09/2024 06:05	21.71	3.27	83.71	10.79	19.12	1.42	44.22	10.81	29.85	4.49	115.08	26.34	1.96	60.91	
17/09/2024 06:10	22.14	3.59	85.53	10.8	19.36	1.45	46.05	10.81	30.46	4.94	117.66	26.68	2	63.45	
17/09/2024 06:15	22.3	3.6	85.17	10.8	18.68	1.24	43.97	10.81	30.68	4.95	117.18	25.75	1.71	60.61	
17/09/2024 06:20	21.51	3.11	82.49	10.79	19.25	1.43	45.26	10.81	29.57	4.27	113.4	26.53	1.96	62.38	
17/09/2024 06:25	22.23	3.58	84.92	10.79	19.48	1.52	45.8	10.81	30.58	4.93	116.79	26.85	2.1	63.12	
17/09/2024 06:30	22.41	3.66	85.02	10.8	18.74	1.2	44.68	10.81	30.82	5.03	116.95	25.82	1.65	61.57	
17/09/2024 06:35	21.39	3.14	84.13	10.79	18.92	1.31	44.93	10.81	29.41	4.32	115.62	26.06	1.8	61.89	
17/09/2024 06:40	22.11	3.7	85.76	10.8	19.25	1.4	46.65	10.81	30.41	5.09	117.97	26.52	1.92	64.27	
17/09/2024 06:45	22.09	3.6	85.66	10.8	18.82	1.3	45.49	10.81	30.4	4.95	117.85	25.93	1.79	62.67	
17/09/2024 06:50	21.45	3.14	83.66	10.79	18.69	1.33	44.94	10.81	29.48	4.31	114.98	25.74	1.83	61.88	
17/09/2024 06:55	22.06	3.59	85.51	10.79	19.11	1.37	46.41	10.81	30.34	4.93	117.59	26.32	1.89	63.93	
17/09/2024 07:00	21.95	3.49	85.03	10.79	18.7	1.21	45.06	10.81	30.19	4.79	116.93	25.76	1.66	62.06	
17/09/2024 07:05	21.61	3.1	81.98	10.78	19.08	1.52	44.77	10.8	29.68	4.26	112.61	26.26	2.1	61.64	
17/09/2024 07:10	22.22	3.75	86.92	10.79	19.31	1.62	47.76	10.81	30.55	5.15	119.5	26.59	2.23	65.76	
17/09/2024 07:15	22.41	3.92	87.36	10.79	18.67	1.15	46.99	10.8	30.81	5.4	120.13	25.71	1.58	64.69	
17/09/2024 07:20	21.48	3.31	87.5	10.78	19.1	1.54	47.69	10.81	29.5	4.54	120.2	26.31	2.13	65.68	
17/09/2024 07:25	21.94	3.73	89.21	10.79	19.27	1.51	49.54	10.8	30.16	5.12	122.6	26.53	2.07	68.2	
17/09/2024 07:30	21.95	3.7	88.81	10.79	18.78	1.32	47.94	10.8	30.17	5.09	122.06	25.86	1.82	66	
17/09/2024 07:35	21.37	3.38	88.86	10.78	19.21	1.5	48.76	10.8	29.35	4.64	122.07	26.44	2.07	67.13	
17/09/2024 07:40	22.07	3.82	91.3	10.78	19.29	1.4	50.19	10.8	30.33	5.25	125.46	26.55	1.93	69.08	
17/09/2024 07:45	22.34	4.02	91.77	10.79	18.61	1.1	48.71	10.8	30.71	5.52	126.12	25.63	1.51	67.06	
17/09/2024 07:50	21.56	3.43	89.24	10.78	18.66	1.25	47.94	10.8	29.62	4.71	122.59	25.68	1.72	65.99	
17/09/2024 07:55	21.81	3.63	90.37	10.79	18.8	1.17	48	10.8	29.99	4.99	124.28	25.89	1.62	66.08	
17/09/2024 08:00	21.86	3.55	90.22	10.8	18.8	1.2	47.99	10.81	30.07	4.88	124.1	25.89	1.65	66.11	
17/09/2024 08:05	21.6	3.23	88.58	10.79	18.89	1.34	48.97	10.81	29.7	4.44	121.77	26.02	1.85	67.47	
17/09/2024 08:10	22.02	3.7	90.83	10.79	19.04	1.21	49.87	10.81	30.28	5.09	124.91	26.23	1.67	68.69	
17/09/2024 08:15	22.16	3.75	91.58	10.79	18.85	1.09	47.86	10.81	30.47	5.16	125.94	25.96	1.51	65.89	
17/09/2024 08:20	21.41	3.32	89.22	10.79	18.76	1.32	48.87	10.81	29.43	4.56	122.61	25.83	1.81	67.29	
17/09/2024 08:25	21.93	3.66	90.78	10.79	19.15	1.42	50.29	10.81	30.15	5.04	124.8	26.38	1.96	69.27	
17/09/2024 08:30	21.63	3.58	90.64	10.79	18.69	1.03	48.65	10.8	29.73	4.92	124.63	25.72	1.42	66.97	
17/09/2024 08:35	21.54	3.37	88.25	10.79	19.09	1.41	48.42	10.8	29.6	4.63	121.27	26.28	1.94	66.67	
17/09/2024 08:40	21.95	3.59	90.59	10.79	19.17	1.33	49.73	10.81	30.18	4.93	124.55	26.4	1.83	68.48	
17/09/2024 08:45	22.03	3.7	91.25	10.79	18.83	1.19	48.75	10.81	30.29	5.09	125.47	25.94	1.64	67.14	
17/09/2024 08:50	21.31	3.17	89	10.78	18.79	1.08	48.72	10.8	29.28	4.36	122.29	25.87	1.48	67.07	
17/09/2024 08:55	22.16	3.54	89.98	10.79	18.97	1.05	49.7	10.8	30.46	4.87	123.7	26.12	1.44	68.42	
17/09/2024 09:00	22.39	3.42	89.58	10.79	18.79	1.02	48.78	10.8	30.78	4.71	123.15	25.86	1.4	67.12	
17/09/2024 09:05	21.68	3.31	88.93	10.78	19.7	1.74	49.58	10.8	29.76	4.54	122.12	27.13	2.4	68.25	
17/09/2024 09:10	21.85	3.55	90.99	10.78	19.52	1.52	51.38	10.8	30.01	4.87	124.98	26.86	2.1	70.72	
17/09/2024 09:15	21.88	3.66	91.11	10.78	18.8	1.09	48.84	10.8	30.05	5.03	125.16	25.88	1.5	67.22	
17/09/2024 09:20	21.55	3.1	88.13	10.78	19.26	1.15	49.2	10.8	29.6	4.26	121.02	26.51	1.58	67.72	
17/09/2024 09:25	22.06	3.46	89.62	10.78	19.35	1.13	50.95	10.8	30.32	4.76	123.15	26.62	1.56	70.11	
17/09/2024 09:30	22.13	3.47	89.42	10.79	18.99	1.1	48.06	10.8	30.41	4.77	122.91	26.14	1.51	66.16	
17/09/2024 09:35	21.64	3.07	87.35	10.78	18.										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/09/2024 11:15	22.52	3.41	86.06	10.8	18.48	0.71	46.29	10.82	30.97	4.69	118.39	25.49	0.98	63.83	
17/09/2024 11:20	21.67	2.87	84.05	10.79	18.99	1.3	47.53	10.82	29.8	3.94	115.58	26.2	1.8	65.57	
17/09/2024 11:25	22.1	3.25	85.22	10.8	19.12	1.15	48.53	10.82	30.43	4.47	117.31	26.36	1.58	66.92	
17/09/2024 11:30	22.06	3.24	84.58	10.8	18.81	0.83	46.29	10.82	30.37	4.45	116.44	25.95	1.14	63.86	
17/09/2024 11:35	21.45	2.8	84.75	10.8	18.9	1.17	46.92	10.82	29.51	3.85	116.59	26.08	1.61	64.74	
17/09/2024 11:40	22.15	3.27	87.3	10.8	18.91	1	49.73	10.82	30.47	4.5	120.09	26.08	1.38	68.59	
17/09/2024 11:45	22.42	3.41	87.41	10.8	18.79	1.05	47.74	10.82	30.85	4.69	120.25	25.92	1.44	65.87	
17/09/2024 11:50	21.42	2.61	82.92	10.79	19.57	1.14	46.89	10.83	29.45	3.6	114.01	27.01	1.57	64.71	
17/09/2024 11:55	21.82	3.09	85.95	10.8	19.58	1.13	47.87	10.82	30.02	4.25	118.25	27.01	1.57	66.03	
17/09/2024 12:00	21.73	3.1	85.78	10.8	18.82	0.93	46.14	10.82	29.9	4.26	118	25.95	1.28	63.64	
17/09/2024 12:05	21.25	2.36	82.97	10.79	19.11	1.16	46.02	10.83	29.23	3.24	114.1	26.37	1.6	63.49	
17/09/2024 12:10	21.85	2.9	84.14	10.8	19.12	0.99	48.43	10.82	30.07	3.99	115.79	26.37	1.36	66.79	
17/09/2024 12:15	21.86	2.99	85.03	10.8	18.89	0.82	45.39	10.83	30.08	4.11	117.01	26.06	1.13	62.63	
17/09/2024 12:20	21.18	2.33	82.51	10.79	18.93	0.74	45.93	10.82	29.13	3.2	113.48	26.1	1.03	63.34	
17/09/2024 12:25	21.47	2.55	84.07	10.8	19.14	0.91	47.69	10.82	29.55	3.5	115.71	26.4	1.25	65.79	
17/09/2024 12:30	21.23	2.45	83.84	10.8	18.61	0.7	45.94	10.83	29.23	3.38	115.41	25.69	0.96	63.41	
17/09/2024 12:35	21.11	2.36	82.68	10.8	18.75	0.84	45.33	10.83	29.05	3.24	113.8	25.88	1.16	62.56	
17/09/2024 12:40	21.61	2.83	84.57	10.81	18.75	0.81	47.71	10.83	29.77	3.89	116.5	25.87	1.11	65.84	
17/09/2024 12:45	21.53	2.74	84.44	10.81	18.79	0.97	46.67	10.83	29.66	3.77	116.33	25.94	1.33	64.44	
17/09/2024 12:50	21.1	2.5	83.8	10.81	19.47	1.32	46.81	10.84	29.05	3.44	115.39	26.89	1.82	64.66	
17/09/2024 12:55	21.63	2.98	84.96	10.81	19.57	1.28	47.78	10.84	29.82	4.11	117.08	27.04	1.77	66	
17/09/2024 13:00	21.63	2.97	84.48	10.82	18.6	0.7	46.49	10.84	29.81	4.09	116.45	25.71	0.97	64.23	
17/09/2024 13:05	21.07	2.51	83.99	10.82	19.09	1.01	46.87	10.84	29.04	3.46	115.76	26.39	1.39	64.77	
17/09/2024 13:10	21.75	2.96	85.51	10.82	19.14	1.06	48.44	10.84	30	4.08	117.96	26.46	1.47	66.96	
17/09/2024 13:15	21.84	2.85	85.28	10.82	18.36	0.8	47.44	10.86	30.13	3.92	117.64	25.41	1.11	65.66	
17/09/2024 13:20	21.13	2.64	84.58	10.82	18.42	0.84	46.9	10.85	29.15	3.65	116.68	25.49	1.16	64.9	
17/09/2024 13:25	21.51	2.96	85.92	10.83	18.81	0.97	48.17	10.86	29.69	4.08	118.62	26.03	1.35	66.66	
17/09/2024 13:30	21.39	2.92	85.66	10.83	18.57	0.83	47.38	10.87	29.53	4.04	118.27	25.73	1.15	65.63	
17/09/2024 13:35	20.95	2.53	83.34	10.83	18.13	0.39	46.29	10.86	28.92	3.5	115.04	25.1	0.54	64.09	
17/09/2024 13:40	21.66	3.07	86.4	10.84	18.49	0.6	48.16	10.86	29.93	4.25	119.41	25.6	0.83	66.68	
17/09/2024 13:45	21.5	2.99	86.22	10.84	18.43	0.73	48.65	10.87	29.71	4.13	119.16	25.54	1.02	67.41	
17/09/2024 13:50	21.08	2.58	84.47	10.84	18.74	0.97	48.78	10.87	29.13	3.56	116.71	25.97	1.35	67.61	
17/09/2024 13:55	21.49	3.03	86.26	10.84	18.69	0.85	49.99	10.87	29.71	4.19	119.23	25.9	1.17	69.27	
17/09/2024 14:00	21.38	3.02	85.84	10.84	18.39	0.78	48.68	10.87	29.54	4.17	118.64	25.5	1.08	67.49	
17/09/2024 14:05	21.01	2.5	84.98	10.84	18.2	0.96	48.33	10.88	29.03	3.46	117.41	25.24	1.34	67.01	
17/09/2024 14:10	21.54	2.94	86.57	10.85	18.43	0.88	50.15	10.87	29.79	4.06	119.72	25.54	1.22	69.5	
17/09/2024 14:15	21.27	2.8	87.02	10.85	18.06	0.66	48.68	10.88	29.41	3.87	120.33	25.05	0.91	67.54	
17/09/2024 14:20	20.76	2.52	84.19	10.84	18.55	0.92	48.23	10.88	28.69	3.48	116.36	25.73	1.28	66.91	
17/09/2024 14:25	21.55	3.05	85.46	10.85	18.6	0.91	49.33	10.91	29.81	4.22	118.23	25.87	1.26	68.6	
17/09/2024 14:30	21.38	2.99	85.31	10.85	17.61	0.6	46.28	10.99	29.57	4.13	118.03	24.71	0.85	64.94	
17/09/2024 14:35	20.82	2.42	83.71	10.86	18.28	1	45.43	11	28.82	3.36	115.88	25.66	1.4	63.77	
17/09/2024 14:40	21.64	3.02	85.17	10.87	18.26	0.85	46.27	10.98	30	4.18	118.05	25.58	1.19	64.81	
17/09/2024 14:45	21.66	2.97	84.67	10.87	17.57	0.73	45.32	11.02	30.02	4.12	117.38	24.71	1.02	63.75	
17/09/2024 14:50	20.86	2.45	82.36	10.87	17.24	0.87	45.78	11.04	28.92	3.39	114.17	24.3	1.23	64.53	
17/09/2024 14:55	21.55	2.89	84.28	10.88	17.72	0.73	47.33	10.98	29.87	4.01	116.86	24.83	1.03	66.33	
17/09/2024 15:00	21.58	2.85	83.83	10.88	18.28	0.82	47.16	10.9	29.92	3.94	116.23	25.41	1.14	65.55	
17/09/2024 15:05	20.93	2.38	82.71	10.87	18.61	0.95	46.55	10.9	29	3.29	114.6	25.87	1.32	64.71	
17/09/2024 15:10	21.55	2.89	84.28	10.88	18.36	0.8	46.32	10.94	29.88	4.01	116.88	25.63	1.12	64.66	
17/09/2024 15:15	21.42	2.85	84.56	10.88	16.65	0.64	42.68	11.22	29.7	3.94	117.25	23.92	0.92	61.29	
17/09/2024 15:20	20.57	2.39	82.77	10.91	16.1	0.68	40.5	11.39	28.59	3.32	115	23.53	0.99	59.17	
17/09/2024 15:25	21.63	2.98	84.89	10.88	17.11	0.79	44.33	11.22	30	4.14	117.77	24.54	1.12	63.5	
17/09/2024 15:30	21.66	2.95	85	10.88	17.35	0.71	44.62	11.08	30.04	4.1	117.91	24.57	1.01	63.18	
17/09/2024 15:35	20.76	2.43	83.94	10.88	17.65	1	45.18	11.1	28.81	3.37	116.46	25.03	1.42	64.07	
17/09/2024 15:40	21.42	3.04	86.37	10.88	18.12	1.06	48.47	11.05	29.71	4.22	119.79	25.57	1.5	68.32	
17/09/2024 15:45	21.53	3.02	86.95	10.88	16.78	0.76	41.92	11.31	29.87	4.19	120.62	24.12	1.08	59.86	
17/09/2024 15:50	19.83	2.52	82.5	10.97	1.7	0	0.05	14.94	27.57	3.51	115.59	3.95	0	0.1	
17/09/2024 15:55	21.39	3.06	86.01	10.88	3.17	0.31	3.27	14.77	29.67	4.24	119.3	6.46	0.59	4.7	
17/09/2024 16:00	21.39	3.02	85.42	10.88	0.68	0.11	0.01	14.99	29.67	4.18	118.48	1.6	0.26	0.01	
17/09/2024 16:05	18.93	2.47	80.15	11.22	1.58	0.71	0	14.99	26.55	3.51	111.99	3.71	1.68	0	
17/09/2024 16:10	20.32	2.4	84.98	10.98	2.51	0.61	5.89	14.84	28.47	3.37	119.08	5.2	1.36	11.06	
17/09/2024 16:15	19.75	1.81	84.58	10.98	0.98	0.22	0.01	14.99	27.67	2.54	118.49	2.3	0.52	0.01	
17/09/2024 16:20	18.8	2.7	81.34	11.25	0.39	0	0	14.98	26.44	3.82	115.41	0.93	0	0	
17/09/2024 16:25	20.87	3.06	87.06	10.97	8.41	0.47	22.9	13.22	29.22	4.29	121.85	12.08	0.66	32.32	
17/09/2024 16:30	21.13	3.1	88.63	10.92	18.33	1.12	49.17	10.96	29.42	4.31	123.42	25.63	1.57	68.77	
17/09/2024 16:35	20.77	2.72	88.25	10.87	18.25	1.08	50.09	10.94	28.79	3.77	122.32	25.46	1.5	69.88	
17/09/2024 16:40	20.89	2.76	90.15	10.87	18.5	1.13	51.47	10.93	28.95	3.82	124.92	25.79	1.58	71.75	
17/09/2024 16:45	20.64	2.63	89.66	10.87	18.48	1.22	49.88	10.94	28.6	3.64	124.23	25.78	1.7	69.59	
17/09/2024 16:50	20.44	2.45	88.39	10.85	19.13	1.53	50.29	10.94	28.29	3.39	122.29	26.7	2.14	70.19	
17/09/2024 16:55	21.88	3.23	83.41	10.84	19.16	1.44	51.91	10.93	30.23	4.46	115.25	26.71	2	72.36	
17/09/2024 17:00	22.13	3.6	83.73	10.84	18.43	1.22	50.56	10.94	30.58	4.97	115.72	25.73	1.7	70.58	
17/09/2024 17:05	21.42	2.87	82.22	10.83	18.92	1.42	51.29	10.94	29.56	3.97	113.47	26.41	1.99	71.58	
17/09/2024 17:10	21.29	2.68	83.05	10.83	19.02	1.3	52.07	10.93	29.37	3.69	114.59	26.5	1.81	72.53	
17/09/2024 17:15	21.23	2.55	83.36	10.83	18.42	1.07	49	10.93	29.3	3.52	115.01	25.68	1.49	68.31	
17/09/2024 17:20	21.32	2.72	82.64	10.82	18.51	1.29									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/09/2024 19:00	22.02	3.7	87.44	10.8	18.48	1	46.45	10.89	30.3	5.1	120.35	25.66	1.39	64.51	
17/09/2024 19:05	21.69	3.23	85.92	10.8	18.61	1.44	46.55	10.89	29.83	4.44	118.17	25.83	1.99	64.63	
17/09/2024 19:10	21.91	3.53	87.41	10.8	19.05	1.47	48.88	10.87	30.15	4.85	120.28	26.4	2.03	67.72	
17/09/2024 19:15	21.88	3.55	86.72	10.8	18.52	1.04	46.81	10.87	30.11	4.88	119.35	25.66	1.44	64.85	
17/09/2024 19:20	21.57	3.24	86.19	10.78	18.77	1.37	47.21	10.86	29.64	4.45	118.41	25.99	1.9	65.38	
17/09/2024 19:25	22.48	3.87	88.33	10.79	19.14	1.37	49.02	10.85	30.89	5.32	121.39	26.47	1.89	67.79	
17/09/2024 19:30	22.92	4.14	88.84	10.79	18.47	1.08	46.96	10.85	31.5	5.69	122.1	25.55	1.5	64.97	
17/09/2024 19:35	21.57	3.21	85.52	10.78	19.02	1.34	47.39	10.85	29.63	4.41	117.46	26.31	1.85	65.54	
17/09/2024 19:40	22.36	3.72	87.62	10.78	19.1	1.32	48.1	10.85	30.72	5.12	120.39	26.41	1.82	66.5	
17/09/2024 19:45	22.52	3.72	87.14	10.78	18.39	1.04	46.6	10.86	30.93	5.11	119.72	25.46	1.44	64.51	
17/09/2024 19:50	21.78	3.37	86.38	10.78	18.63	1.31	47.37	10.85	29.91	4.63	118.59	25.77	1.82	65.54	
17/09/2024 19:55	22.38	3.77	86.4	10.78	18.93	1.35	49	10.84	30.73	5.17	118.65	26.17	1.86	67.71	
17/09/2024 20:00	22.56	3.8	86.25	10.78	18.3	1.12	47.45	10.84	30.98	5.22	118.44	25.3	1.55	65.58	
17/09/2024 20:05	21.76	3.31	85.5	10.77	18.67	1.42	47.22	10.84	29.85	4.54	117.29	25.79	1.96	65.23	
17/09/2024 20:10	22.28	3.73	86.62	10.77	18.92	1.44	48.79	10.84	30.58	5.12	118.91	26.14	1.99	67.41	
17/09/2024 20:15	22.13	3.8	86.58	10.78	18.18	0.98	46.11	10.89	30.38	5.22	118.88	25.25	1.37	64.03	
17/09/2024 20:20	21.73	3.2	84.44	10.78	18.53	1.28	46.05	10.89	29.82	4.4	115.9	25.74	1.78	63.96	
17/09/2024 20:25	22.41	3.74	86.33	10.77	18.91	1.34	48.08	10.88	30.76	5.14	118.51	26.23	1.86	66.68	
17/09/2024 20:30	22.52	3.81	86.34	10.78	17.95	1	45.33	10.92	30.91	5.24	118.54	25.01	1.39	63.13	
17/09/2024 20:35	21.66	3.3	85.9	10.77	18.56	1.3	44.87	10.93	29.72	4.53	117.84	25.86	1.81	62.53	
17/09/2024 20:40	22.36	3.79	87	10.77	18.86	1.3	46.14	10.9	30.69	5.2	119.41	26.2	1.8	64.1	
17/09/2024 20:45	22.3	3.78	86.88	10.77	18.17	1.01	45.47	10.89	30.61	5.19	119.25	25.23	1.4	63.12	
17/09/2024 20:50	21.65	3.21	84.69	10.77	18.68	1.28	45.82	10.88	29.71	4.41	116.22	25.91	1.77	63.56	
17/09/2024 20:55	22.37	3.73	87.72	10.77	18.93	1.37	47.49	10.86	30.71	5.12	120.42	26.22	1.9	65.77	
17/09/2024 21:00	22.45	3.8	87.98	10.78	18.3	1.08	45.97	10.86	30.83	5.22	120.81	25.33	1.49	63.62	
17/09/2024 21:05	21.75	3.39	86.56	10.77	18.48	1.18	45.55	10.85	29.84	4.64	118.73	25.57	1.64	63	
17/09/2024 21:10	22.36	3.79	88.39	10.77	18.85	1.26	47.65	10.84	30.67	5.2	121.26	26.04	1.74	65.82	
17/09/2024 21:15	22.3	3.85	89.02	10.77	18.43	1.16	46.46	10.85	30.59	5.28	122.11	25.5	1.61	64.26	
17/09/2024 21:20	21.67	3.32	86.41	10.76	18.58	1.39	47.05	10.85	29.71	4.56	118.49	25.69	1.92	65.06	
17/09/2024 21:25	22.3	3.81	88.26	10.77	19.04	1.48	48.13	10.84	30.59	5.23	121.06	26.3	2.05	66.48	
17/09/2024 21:30	22.39	3.88	88.38	10.77	18.27	1.04	46.03	10.84	30.72	5.32	121.23	25.26	1.43	63.62	
17/09/2024 21:35	21.58	3.18	84.24	10.76	19.14	1.71	46.66	10.85	29.58	4.35	115.44	26.46	2.36	64.5	
17/09/2024 21:40	22.07	3.71	86.37	10.76	19.25	1.58	48.05	10.83	30.24	5.09	118.34	26.57	2.18	66.31	
17/09/2024 21:45	22	3.77	86.31	10.75	18.4	1.1	45.75	10.83	30.14	5.16	118.24	25.4	1.53	63.18	
17/09/2024 21:50	21.75	3.3	85.12	10.75	18.8	1.36	46.71	10.83	29.8	4.52	116.6	25.94	1.88	64.46	
17/09/2024 21:55	22.33	3.76	86.52	10.76	18.93	1.26	48.61	10.82	30.61	5.15	118.61	26.11	1.74	67.04	
17/09/2024 22:00	22.42	3.77	86.81	10.76	18.33	1.03	44.94	10.83	30.74	5.17	119.01	25.31	1.42	62.04	
17/09/2024 22:05	21.76	3.26	85.05	10.75	18.44	1.33	44.69	10.82	29.8	4.46	116.49	25.43	1.83	61.62	
17/09/2024 22:10	22.28	3.63	85.54	10.76	18.72	1.2	45.91	10.82	30.54	4.97	117.27	25.8	1.66	63.3	
17/09/2024 22:15	22.11	3.63	85.73	10.76	18.36	0.98	43.72	10.83	30.31	4.97	117.54	25.35	1.36	60.36	
17/09/2024 22:20	21.67	3.14	82.12	10.76	18.64	1.25	43.54	10.83	29.71	4.31	112.57	25.72	1.73	60.08	
17/09/2024 22:25	22.22	3.58	84.29	10.76	18.94	1.27	45.21	10.82	30.47	4.91	115.59	26.12	1.75	62.35	
17/09/2024 22:30	22.27	3.63	84.78	10.76	18.58	1.2	45.17	10.84	30.53	4.97	116.27	25.66	1.66	62.39	
17/09/2024 22:35	21.64	3.26	83.83	10.76	18.58	1.45	44.69	10.83	29.67	4.47	114.95	25.65	2	61.71	
17/09/2024 22:40	22.19	3.69	85.48	10.76	18.89	1.44	46.33	10.83	30.42	5.06	117.21	26.08	1.99	63.94	
17/09/2024 22:45	22.19	3.74	85.75	10.76	18.47	1.23	45.73	10.84	30.42	5.12	117.58	25.52	1.71	63.19	
17/09/2024 22:50	21.55	3.27	84.55	10.76	18.75	1.48	46.6	10.84	29.54	4.48	115.86	25.9	2.04	64.36	
17/09/2024 22:55	22.28	3.85	87.14	10.76	19.07	1.49	47.81	10.83	30.54	5.27	119.44	26.31	2.05	65.97	
17/09/2024 23:00	22.39	3.96	87.5	10.76	18.48	1.27	45.87	10.84	30.69	5.42	119.94	25.54	1.75	63.39	
17/09/2024 23:05	21.51	3.3	85.34	10.75	18.79	1.17	45.64	10.84	29.47	4.52	116.9	25.96	1.61	63.05	
17/09/2024 23:10	22.07	3.84	87.94	10.76	18.92	1.27	47.68	10.83	30.25	5.26	120.52	26.12	1.75	65.83	
17/09/2024 23:15	22.05	3.88	88.53	10.76	18.23	1.17	46.32	10.86	30.22	5.31	121.33	25.24	1.62	64.11	
17/09/2024 23:20	21.44	3.37	85.4	10.76	18.5	1.48	47.1	10.86	29.38	4.62	117.02	25.61	2.05	65.19	
17/09/2024 23:25	21.91	3.72	87.8	10.76	18.77	1.47	48.55	10.84	30.04	5.1	120.39	25.95	2.03	67.09	
17/09/2024 23:30	21.83	3.74	88.59	10.76	18.26	1.18	46.02	10.85	29.93	5.12	121.48	25.26	1.63	63.65	
17/09/2024 23:35	21.43	3.35	86.28	10.76	18.61	1.45	45.86	10.85	29.38	4.6	118.24	25.72	2.01	63.4	
17/09/2024 23:40	22.04	3.73	87.62	10.76	18.87	1.45	49.1	10.84	30.2	5.11	120.08	26.06	2	67.8	
17/09/2024 23:45	22.02	3.74	87.02	10.76	18.08	1.18	47.08	10.86	30.17	5.12	119.24	25.03	1.63	65.18	
17/09/2024 23:50	21.39	3.3	85.5	10.76	18.29	1.45	46.61	10.85	29.32	4.52	117.16	25.31	2	64.49	
17/09/2024 23:55	22.08	3.75	88.22	10.76	18.64	1.44	48.35	10.84	30.26	5.13	120.89	25.75	2	66.8	
18/09/2024 00:00	22.14	3.75	88.41	10.76	18.21	1.18	47.28	10.84	30.34	5.14	121.16	25.17	1.64	65.35	
18/09/2024 00:05	21.39	3.28	86.86	10.75	18.69	1.39	46.61	10.83	29.3	4.49	118.96	25.82	1.92	64.36	
18/09/2024 00:10	21.97	3.81	88.4	10.75	19.02	1.48	48.36	10.82	30.09	5.22	121.08	26.23	2.04	66.67	
18/09/2024 00:15	22.13	3.88	88.97	10.75	18.22	1.16	46.96	10.81	30.3	5.31	121.86	25.11	1.6	64.71	
18/09/2024 00:20	21.27	3.4	86.62	10.74	19.1	2.04	47.78	10.81	29.12	4.65	118.55	26.32	2.82	65.85	
18/09/2024 00:25	22.05	3.86	89.07	10.75	19.21	1.89	50.22	10.81	30.19	5.28	121.97	26.44	2.6	69.14	
18/09/2024 00:30	22.14	3.88	88.8	10.75	18.31	1.25	47.86	10.81	30.33	5.31	121.62	25.23	1.72	65.93	
18/09/2024 00:35	21.32	3.34	87.28	10.74	18.47	1.56	48.21	10.81	29.18	4.58	119.43	25.45	2.15	66.4	
18/09/2024 00:40	21.72	3.8	89.15	10.75	18.77	1.5	49.65	10.8	29.74	5.2	122.08	25.85	2.07	68.35	
18/09/2024 00:45	21.67	3.83	89.89	10.75	18.12	1.16	47.78	10.81	29.67	5.24	123.08	24.97	1.6	65.85	
18/09/2024 00:50	21.35	3.44	88.39	10.74	18.55	1.53	48.53	10.81	29.21	4.7	120.94	25.56	2.1	66.86	
18/09/2024 00:55	22.02	3.78	89.36	10.74	18.85	1.51	49.28	10.8	30.13	5.17	122.27	25.95	2.08	67.82	
18/09/2024 01:00	22.08	3.78	89.5	10.74	18.16	1.18	46.85	10.8	30.21	5.18	122.45	25	1.63	64.49	
18/09/2024 01:05	21.55	3.31	84.8												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
18/09/2024 02:45	21.8	3.8	89.48	10.75	18.13	1.3	49.02	10.8	29.85	5.2	122.55	24.95	1.79	67.46	
18/09/2024 02:50	21.31	3.53	88.22	10.75	18.71	1.7	48.54	10.8	29.17	4.83	120.75	25.75	2.35	66.82	
18/09/2024 02:55	21.86	3.96	90.74	10.75	18.83	1.66	50.42	10.8	29.93	5.42	124.26	25.9	2.29	69.37	
18/09/2024 03:00	21.88	4	90.81	10.75	18.26	1.45	49.71	10.81	29.96	5.48	124.38	25.15	2	68.47	
18/09/2024 03:05	21.24	3.52	88.77	10.75	18.49	1.72	49.86	10.82	29.08	4.82	121.55	25.49	2.36	68.73	
18/09/2024 03:10	21.79	3.98	90.44	10.75	18.63	1.6	50.08	10.81	29.84	5.45	123.86	25.65	2.2	68.96	
18/09/2024 03:15	21.83	3.97	90.17	10.75	18.13	1.32	48.59	10.81	29.9	5.44	123.51	24.96	1.82	66.91	
18/09/2024 03:20	21.31	3.55	88.23	10.74	18.43	1.68	49.04	10.81	29.16	4.86	120.72	25.39	2.32	67.55	
18/09/2024 03:25	21.84	3.98	90.6	10.75	18.76	1.68	50.34	10.8	29.9	5.44	124.03	25.82	2.31	69.29	
18/09/2024 03:30	21.95	4.02	91.06	10.75	18.34	1.5	48.8	10.81	30.05	5.5	124.65	25.26	2.07	67.23	
18/09/2024 03:35	21.36	3.7	88.51	10.75	18.85	1.68	48.56	10.81	29.24	5.06	121.17	25.96	2.31	66.89	
18/09/2024 03:40	21.94	4.06	90.16	10.75	19.01	1.74	50.72	10.8	30.06	5.56	123.52	26.17	2.4	69.81	
18/09/2024 03:45	22.06	4.08	90.23	10.75	18.18	1.63	50.65	10.81	30.23	5.59	123.63	25.05	2.25	69.79	
18/09/2024 03:50	21.28	3.7	89.45	10.75	18.54	1.92	50.75	10.82	29.15	5.07	122.51	25.55	2.65	69.95	
18/09/2024 03:55	21.89	4.04	91.15	10.75	18.7	1.83	51.8	10.81	29.98	5.54	124.85	25.75	2.53	71.35	
18/09/2024 04:00	22.02	4.08	91.13	10.75	18.27	1.57	49.93	10.82	30.15	5.59	124.81	25.19	2.17	68.84	
18/09/2024 04:05	21.26	3.69	89.96	10.75	18.49	1.76	49.55	10.82	29.11	5.06	123.18	25.49	2.42	68.31	
18/09/2024 04:10	21.87	4.15	92.19	10.75	18.75	1.72	51.4	10.81	29.96	5.68	126.31	25.82	2.36	70.79	
18/09/2024 04:15	21.89	4.17	92.33	10.75	18.25	1.53	49.85	10.82	29.99	5.72	126.5	25.16	2.11	68.72	
18/09/2024 04:20	21.28	3.72	90.17	10.75	18.8	1.82	50.17	10.82	29.16	5.1	123.51	25.92	2.51	69.16	
18/09/2024 04:25	21.86	4.02	90.52	10.76	18.94	1.77	51.26	10.81	29.96	5.51	124.07	26.09	2.44	70.59	
18/09/2024 04:30	21.98	4.02	90.48	10.76	18.38	1.61	49.67	10.81	30.13	5.51	124.01	25.33	2.22	68.45	
18/09/2024 04:35	21.25	3.59	88.87	10.75	18.62	1.92	50.42	10.82	29.11	4.92	121.72	25.68	2.64	69.54	
18/09/2024 04:40	22.01	4.12	91.76	10.76	18.91	1.9	52.46	10.81	30.17	5.64	125.75	26.05	2.61	72.26	
18/09/2024 04:45	22.17	4.16	92.25	10.76	18.28	1.55	49.99	10.82	30.39	5.7	126.45	25.22	2.14	68.96	
18/09/2024 04:50	21.46	3.69	88.73	10.76	18.48	1.88	48.75	10.82	29.4	5.06	121.6	25.48	2.59	67.22	
18/09/2024 04:55	22.05	4.08	90.22	10.76	18.71	1.77	50.29	10.81	30.23	5.6	123.73	25.77	2.45	69.28	
18/09/2024 05:00	22.17	4.21	90.3	10.77	18.41	1.56	48.93	10.82	30.41	5.77	123.87	25.39	2.15	67.46	
18/09/2024 05:05	21.47	3.6	88.99	10.76	18.77	1.83	48.91	10.82	29.42	4.93	121.93	25.88	2.53	67.44	
18/09/2024 05:10	22.02	4.06	90.23	10.76	18.92	1.8	50.35	10.81	30.19	5.57	123.71	26.07	2.47	69.38	
18/09/2024 05:15	22.09	4.14	90.86	10.76	18.36	1.46	48.72	10.82	30.3	5.68	124.6	25.31	2.02	67.17	
18/09/2024 05:20	21.39	3.6	88.28	10.76	18.68	1.76	48.85	10.81	29.3	4.93	120.95	25.73	2.42	67.31	
18/09/2024 05:25	21.91	3.94	89.81	10.76	18.89	1.69	50.32	10.81	30.03	5.4	123.09	26	2.33	69.28	
18/09/2024 05:30	21.83	3.96	89.83	10.76	18.29	1.44	48.87	10.81	29.92	5.42	123.11	25.19	1.99	67.3	
18/09/2024 05:35	21.51	3.56	87.49	10.75	18.48	1.67	48.46	10.81	29.46	4.88	119.83	25.46	2.3	66.74	
18/09/2024 05:40	21.93	3.97	90.41	10.75	18.72	1.65	50.08	10.8	30.04	5.43	123.85	25.76	2.28	68.91	
18/09/2024 05:45	22.03	3.99	90.45	10.75	18.51	1.61	49.05	10.8	30.18	5.46	123.93	25.48	2.21	67.53	
18/09/2024 05:50	21.51	3.59	88.35	10.75	18.77	1.79	48.97	10.8	29.46	4.92	120.97	25.84	2.46	67.41	
18/09/2024 05:55	22	4.02	89.67	10.76	18.97	1.8	50.93	10.8	30.15	5.51	122.87	26.11	2.47	70.07	
18/09/2024 06:00	22.03	4.05	89.56	10.76	18.44	1.58	49.26	10.8	30.2	5.55	122.77	25.4	2.17	67.82	
18/09/2024 06:05	21.37	3.59	88.16	10.75	18.98	1.84	48.93	10.8	29.28	4.92	120.74	26.13	2.54	67.36	
18/09/2024 06:10	21.94	3.92	89.5	10.75	19.13	1.87	50.64	10.8	30.05	5.37	122.62	26.33	2.58	69.67	
18/09/2024 06:15	22.05	3.92	89.55	10.75	18.29	1.5	50.25	10.8	30.2	5.38	122.67	25.17	2.06	69.16	
18/09/2024 06:20	21.25	3.48	87.61	10.75	18.73	1.86	50.55	10.8	29.12	4.77	120	25.79	2.56	69.6	
18/09/2024 06:25	21.51	3.98	89.2	10.75	18.77	1.89	53.42	10.79	29.45	5.44	122.1	25.81	2.6	73.45	
18/09/2024 06:30	21.28	4.03	89.02	10.74	18.05	1.64	53.09	10.79	29.12	5.52	121.81	24.81	2.25	72.98	
18/09/2024 06:35	20.71	3.6	88.93	10.74	18.73	1.91	53.54	10.79	28.35	4.92	121.69	25.75	2.62	73.61	
18/09/2024 06:40	21.35	3.97	90.44	10.75	17.25	2.38	67.39	10.77	29.25	5.43	123.89	23.68	3.27	92.39	
18/09/2024 06:45	21.42	3.92	90.19	10.76	13.6	2.99	84.61	10.74	29.35	5.38	123.58	18.6	4.08	115.71	
18/09/2024 06:50	20.66	3.58	89.07	10.75	14.03	3.25	84.23	10.74	28.3	4.9	121.99	19.2	4.45	115.23	
18/09/2024 06:55	21.49	3.85	88.7	10.76	14.65	3.1	84.32	10.74	29.46	5.28	121.56	20.04	4.24	115.35	
18/09/2024 07:00	21.33	3.91	88.66	10.76	13.39	2.78	82.86	10.74	29.23	5.36	121.52	18.32	3.8	113.39	
18/09/2024 07:05	20.73	3.49	87.9	10.75	14.28	2.73	75.42	10.77	28.38	4.78	120.34	19.61	3.75	103.53	
18/09/2024 07:10	20.61	4	90.03	10.74	15.91	2.28	67.68	10.78	28.21	5.48	123.22	21.84	3.13	92.91	
18/09/2024 07:15	20.7	4.02	89.66	10.75	17.36	1.42	52.26	10.79	28.34	5.5	122.72	23.87	1.96	71.83	
18/09/2024 07:20	20.9	3.36	85.58	10.75	18.32	1.8	50.22	10.79	28.61	4.61	117.15	25.19	2.47	69.06	
18/09/2024 07:25	21.53	3.76	87.85	10.75	18.51	1.59	50.14	10.78	29.48	5.15	120.29	25.43	2.18	68.89	
18/09/2024 07:30	21.53	3.81	88.3	10.75	18.07	1.2	46.8	10.78	29.48	5.22	120.9	24.82	1.64	64.28	
18/09/2024 07:35	21.23	3.28	85.7	10.74	18.37	1.47	46.78	10.78	29.03	4.49	117.21	25.23	2.02	64.24	
18/09/2024 07:40	21.39	3.67	86.67	10.75	18.74	1.48	48.36	10.77	29.28	5.02	118.64	25.73	2.04	66.38	
18/09/2024 07:45	21.28	3.69	86.78	10.75	18.56	1.17	45.8	10.77	29.13	5.05	118.81	25.47	1.61	62.86	
18/09/2024 07:50	21.14	3.15	84.2	10.73	18.48	1.11	46.27	10.77	28.9	4.3	115.12	25.36	1.52	63.49	
18/09/2024 07:55	21.75	3.52	85.95	10.74	18.82	1.18	47.18	10.77	29.76	4.81	117.62	25.82	1.62	64.71	
18/09/2024 08:00	21.63	3.45	85.23	10.75	18.68	1.11	45.23	10.76	29.6	4.73	116.67	25.62	1.52	62.02	
18/09/2024 08:05	21.4	3.11	84.37	10.74	18.97	1.39	45.63	10.77	29.27	4.26	115.37	26.02	1.91	62.59	
18/09/2024 08:10	21.9	3.51	86.75	10.74	19.14	1.41	47.41	10.76	29.95	4.8	118.63	26.24	1.94	64.99	
18/09/2024 08:15	22.14	3.52	86.64	10.73	18.7	1.14	45.36	10.75	30.27	4.81	118.47	25.62	1.56	62.15	
18/09/2024 08:20	21.2	2.97	85.14	10.73	19.02	1.26	45.45	10.76	28.97	4.06	116.35	26.06	1.73	62.29	
18/09/2024 08:25	21.76	3.42	86.54	10.73	19.14	1.25	46.68	10.75	29.74	4.67	118.29	26.22	1.71	63.95	
18/09/2024 08:30	21.75	3.39	86.52	10.73	18.62	1.03	45.25	10.75	29.73	4.64	118.26	25.51	1.41	61.98	
18/09/2024 08:35	21.48	3.03	84.01	10.72	19.02	1.28	45.01	10.75	29.34	4.14	114.73	26.05	1.76	61.64	
18/09/2024 08:40	21.98	3.31	84.7	10.73	19.07	1.2	45.49	10.75	30.05	4.53	115.76	26.11	1.64	62.29	
18/09/2024 08:45	21.86	3.27	84.48	10.73	18.52	0.96	45.27	10.75	29.87	4.46	115.45	25.37	1.31	62.01	
18/09/2024 08:50	21.														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
18/09/2024 10:30	22.47	3.25	84.75	10.74	18.41	0.82	44.9	10.76	30.73	4.45	115.92	25.24	1.12	61.56	
18/09/2024 10:35	21.59	2.86	83.08	10.74	18.85	1.17	44.84	10.76	29.53	3.91	113.63	25.85	1.6	61.5	
18/09/2024 10:40	22.05	3.28	84.71	10.74	19.03	1.15	46.76	10.76	30.18	4.49	115.95	26.09	1.58	64.12	
18/09/2024 10:45	22.09	3.31	84.77	10.75	18.72	0.87	45.01	10.77	30.25	4.54	116.07	25.68	1.2	61.74	
18/09/2024 10:50	21.53	2.89	83.12	10.74	18.92	1.05	45.09	10.77	29.46	3.96	113.74	25.95	1.45	61.84	
18/09/2024 10:55	22.07	3.19	84.32	10.75	19.03	0.98	47.13	10.77	30.23	4.37	115.5	26.1	1.35	64.64	
18/09/2024 11:00	21.95	3.14	84.14	10.75	18.79	0.96	45.66	10.77	30.08	4.31	115.28	25.8	1.31	62.67	
18/09/2024 11:05	21.38	2.82	82.41	10.75	18.4	0.81	46.09	10.77	29.28	3.87	112.85	25.25	1.11	63.26	
18/09/2024 11:10	22.06	3.2	85.6	10.75	18.64	0.82	47.51	10.77	30.22	4.39	117.27	25.58	1.13	65.2	
18/09/2024 11:15	22.16	3.19	86.02	10.75	18.7	0.88	46.28	10.77	30.35	4.37	117.81	25.66	1.21	63.51	
18/09/2024 11:20	21.49	2.86	83.11	10.75	19.11	1.32	46.67	10.77	29.41	3.92	113.76	26.23	1.81	64.06	
18/09/2024 11:25	21.91	3.24	85.7	10.75	19.34	1.34	47.66	10.77	30	4.43	117.33	26.53	1.84	65.4	
18/09/2024 11:30	21.8	3.28	85.84	10.75	18.6	0.87	45.74	10.77	29.84	4.49	117.51	25.51	1.2	62.75	
18/09/2024 11:35	21.49	2.77	82.57	10.74	19.11	1.23	44.97	10.77	29.41	3.8	113	26.22	1.69	61.69	
18/09/2024 11:40	22.02	3.15	84.44	10.75	19.24	1.19	46.34	10.77	30.16	4.32	115.65	26.4	1.63	63.58	
18/09/2024 11:45	21.97	3.17	84.66	10.75	18.61	0.86	44.97	10.78	30.09	4.35	115.97	25.55	1.18	61.75	
18/09/2024 11:50	21.47	2.74	81.99	10.75	19.57	1.61	47.01	10.78	29.41	3.76	112.3	26.88	2.21	64.57	
18/09/2024 11:55	22	3.23	84.42	10.76	19.23	1.24	47.08	10.78	30.15	4.42	115.7	26.4	1.71	64.66	
18/09/2024 12:00	22.02	3.31	85	10.76	18.62	0.91	46.25	10.78	30.18	4.54	116.51	25.58	1.25	63.55	
18/09/2024 12:05	21.5	2.8	83.81	10.76	18.59	0.88	45.72	10.78	29.46	3.83	114.87	25.54	1.21	62.81	
18/09/2024 12:10	21.97	3.25	85.5	10.76	19.04	1.09	48.88	10.78	30.13	4.46	117.25	26.16	1.5	67.15	
18/09/2024 12:15	21.98	3.25	85.09	10.76	18.74	0.92	46.91	10.79	30.15	4.46	116.69	25.76	1.27	64.47	
18/09/2024 12:20	21.48	2.9	85.32	10.76	19.64	1.61	47.88	10.79	29.44	3.97	116.95	27	2.21	65.81	
18/09/2024 12:25	21.98	3.42	87.31	10.77	19.25	1.29	49.17	10.79	30.18	4.69	119.86	26.47	1.77	67.6	
18/09/2024 12:30	21.98	3.41	86.97	10.78	18.53	1.04	48.38	10.8	30.19	4.68	119.41	25.5	1.43	66.56	
18/09/2024 12:35	21.42	2.97	85.67	10.77	19.77	1.96	48.18	10.8	29.39	4.08	117.57	27.22	2.69	66.33	
18/09/2024 12:40	21.88	3.37	87.69	10.78	19.59	1.64	49.68	10.8	30.05	4.63	120.41	26.96	2.26	68.38	
18/09/2024 12:45	21.95	3.33	87.69	10.78	18.43	0.89	48.15	10.8	30.14	4.57	120.4	25.37	1.22	66.28	
18/09/2024 12:50	21.33	2.97	86.33	10.78	19.38	1.58	48.22	10.81	29.28	4.08	118.52	26.69	2.18	66.4	
18/09/2024 12:55	21.96	3.31	87.74	10.78	19.31	1.35	48.92	10.8	30.17	4.54	120.52	26.58	1.86	67.34	
18/09/2024 13:00	21.95	3.27	87.77	10.78	18.5	0.87	46.5	10.8	30.16	4.49	120.56	25.47	1.2	64	
18/09/2024 13:05	21.65	2.93	85.24	10.78	19.39	1.45	46.96	10.81	29.73	4.02	117.06	26.7	2	64.68	
18/09/2024 13:10	22.38	3.35	87.39	10.78	19.52	1.3	48.66	10.8	30.74	4.6	120.04	26.87	1.79	66.98	
18/09/2024 13:15	22.5	3.39	87.94	10.78	19.06	1.07	47.03	10.8	30.91	4.66	120.8	26.25	1.48	64.75	
18/09/2024 13:20	21.8	2.93	85.69	10.77	19.58	1.22	46.68	10.8	29.92	4.02	117.62	26.97	1.69	64.27	
18/09/2024 13:25	22.17	3.41	87.81	10.78	19.6	1.28	49.07	10.8	30.46	4.68	120.6	26.97	1.77	67.54	
18/09/2024 13:30	22.34	3.44	87.94	10.78	19.03	1.12	46.86	10.8	30.69	4.72	120.78	26.18	1.54	64.49	
18/09/2024 13:35	21.73	2.98	85.25	10.77	19.2	1.39	47.48	10.8	29.83	4.09	116.99	26.43	1.92	65.35	
18/09/2024 13:40	22.24	3.35	88	10.77	19.42	1.36	49.23	10.8	30.52	4.6	120.76	26.72	1.87	67.73	
18/09/2024 13:45	22.27	3.38	88.11	10.77	18.88	1.21	49.02	10.79	30.55	4.63	120.9	25.96	1.67	67.4	
18/09/2024 13:50	21.59	3.05	87.62	10.76	19.41	1.43	48.97	10.79	29.59	4.18	120.1	26.69	1.96	67.33	
18/09/2024 13:55	22.1	3.56	90.88	10.76	19.45	1.44	52.08	10.79	30.3	4.89	124.59	26.74	1.98	71.58	
18/09/2024 14:00	22.13	3.64	91.48	10.76	18.89	1.21	49.04	10.78	30.34	4.99	125.44	25.94	1.66	67.36	
18/09/2024 14:05	21.73	3.22	88.39	10.75	19.2	1.4	48.22	10.78	29.76	4.41	121	26.36	1.92	66.19	
18/09/2024 14:10	22.19	3.48	89.92	10.75	19.41	1.41	50.14	10.77	30.39	4.76	123.1	26.63	1.94	68.8	
18/09/2024 14:15	22.3	3.49	89.83	10.75	18.8	1.21	49.93	10.76	30.52	4.77	122.96	25.78	1.66	68.46	
18/09/2024 14:20	21.58	3.18	87.94	10.74	19.35	1.49	49.13	10.76	29.51	4.34	120.27	26.53	2.04	67.38	
18/09/2024 14:25	22	3.61	90.9	10.74	19.43	1.46	50.37	10.76	30.1	4.94	124.38	26.64	2	69.06	
18/09/2024 14:30	22.09	3.67	91.22	10.74	18.79	1.22	49.29	10.76	30.23	5.03	124.82	25.76	1.67	67.57	
18/09/2024 14:35	21.53	3.28	89.83	10.73	19.36	1.38	48.42	10.76	29.44	4.49	122.79	26.54	1.89	66.36	
18/09/2024 14:40	22	3.71	91.89	10.74	19.29	1.33	50.36	10.76	30.09	5.07	125.67	26.44	1.82	69.02	
18/09/2024 14:45	21.97	3.7	91.67	10.74	18.85	1.22	49.93	10.76	30.05	5.07	125.41	25.84	1.68	68.44	
18/09/2024 14:50	21.57	3.36	89.35	10.73	19.04	1.47	49.92	10.76	29.48	4.59	122.13	26.1	2.01	68.43	
18/09/2024 14:55	21.97	3.61	90.84	10.73	19.28	1.5	51.11	10.76	30.04	4.93	124.2	26.41	2.05	70.03	
18/09/2024 15:00	22.08	3.6	90.83	10.73	18.78	1.2	49.5	10.76	30.19	4.92	124.19	25.73	1.65	67.83	
18/09/2024 15:05	21.52	3.16	88.64	10.72	19.25	1.53	49.62	10.75	29.39	4.31	121.06	26.38	2.09	67.97	
18/09/2024 15:10	21.87	3.63	90.86	10.72	19.34	1.53	51.19	10.75	29.87	4.96	124.09	26.48	2.09	70.08	
18/09/2024 15:15	21.86	3.7	90.89	10.73	18.72	1.15	50.3	10.75	29.86	5.06	124.17	25.62	1.57	68.86	
18/09/2024 15:20	21.54	3.33	88.81	10.72	19.25	1.53	51.09	10.74	29.4	4.54	121.22	26.34	2.09	69.92	
18/09/2024 15:25	21.85	3.72	92.51	10.72	19.33	1.51	52.59	10.74	29.84	5.09	126.36	26.46	2.07	71.96	
18/09/2024 15:30	21.88	3.7	92.14	10.73	18.8	1.38	52.52	10.74	29.88	5.06	125.87	25.73	1.88	71.88	
18/09/2024 15:35	21.3	3.42	91.91	10.72	19.11	1.51	54.11	10.74	29.07	4.67	125.44	26.15	2.06	74.05	
18/09/2024 15:40	21.86	3.81	93.56	10.72	19.17	1.38	54.67	10.74	29.84	5.2	127.73	26.23	1.89	74.78	
18/09/2024 15:45	22.03	3.81	92.98	10.72	18.88	1.33	50.7	10.74	30.07	5.21	126.93	25.83	1.81	69.37	
18/09/2024 15:50	21.48	3.25	89.11	10.71	18.88	1.24	50.19	10.74	29.31	4.44	121.59	25.83	1.7	68.65	
18/09/2024 15:55	22.06	3.53	88.49	10.72	19.11	1.32	52	10.74	30.12	4.82	120.83	26.14	1.81	71.12	
18/09/2024 16:00	22.23	3.52	87.88	10.72	18.9	1.16	49.16	10.74	30.37	4.8	120.03	25.86	1.58	67.27	
18/09/2024 16:05	21.58	3.15	86.74	10.72	19.14	1.31	49.23	10.74	29.46	4.3	118.41	26.18	1.8	67.34	
18/09/2024 16:10	21.92	3.55	88.32	10.72	19.38	1.39	50.46	10.74	29.94	4.85	120.64	26.52	1.91	69.04	
18/09/2024 16:15	21.8	3.61	88.27	10.73	19.03	1.29	49.02	10.75	29.78	4.93	120.58	26.05	1.77	67.11	
18/09/2024 16:20	21.5	3.16	86.15	10.72	18.87	1.5	49.36	10.75	29.35	4.31	117.62	25.84	2.05	67.6	
18/09/2024 16:25	22.05	3.46	88.09	10.72	19.27	1.58	51.79	10.75	30.12	4.73	120.31	26.39	2.17	70.89	
18/09/2024 16:30	22.23	3.45	87.95	10.72	18.85	1.22	50.19	10.75	30.37	4.72	120.13	25.8	1.67	68.72	
18/09/2024 16:35	21														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
18/09/2024 18:15	22.27	3.81	90.77	10.71	18.69	1.54	51.49	10.74	30.38	5.2	123.84	25.57	2.11	70.44	
18/09/2024 18:20	21.47	3.57	89.15	10.71	18.81	1.84	51.93	10.74	29.29	4.87	121.61	25.73	2.52	71.06	
18/09/2024 18:25	21.87	3.9	90.1	10.72	19.01	1.82	52.92	10.74	29.86	5.32	123.03	26.02	2.48	72.42	
18/09/2024 18:30	21.89	3.85	89.44	10.72	18.83	1.67	51.39	10.74	29.89	5.25	122.12	25.78	2.29	70.33	
18/09/2024 18:35	21.5	3.64	89.31	10.71	19.24	1.89	50.96	10.75	29.34	4.97	121.87	26.34	2.58	69.76	
18/09/2024 18:40	21.98	4.08	90.92	10.72	19.23	1.83	52.99	10.74	30.01	5.57	124.12	26.32	2.5	72.52	
18/09/2024 18:45	21.95	4.13	90.7	10.72	18.61	1.68	51.34	10.75	29.97	5.63	123.81	25.48	2.3	70.31	
18/09/2024 18:50	21.66	3.7	89.09	10.72	19.08	2.05	50.61	10.75	29.58	5.05	121.65	26.14	2.81	69.34	
18/09/2024 18:55	22.12	4.01	90.62	10.73	19.25	1.99	52.24	10.75	30.22	5.48	123.83	26.38	2.73	71.57	
18/09/2024 19:00	22.11	4	90.64	10.73	18.64	1.65	50.97	10.76	30.22	5.47	123.88	25.56	2.26	69.87	
18/09/2024 19:05	21.64	3.74	89.45	10.72	19.02	1.97	52.06	10.76	29.56	5.11	122.19	26.07	2.7	71.38	
18/09/2024 19:10	22.1	4.05	90.41	10.73	19.15	1.9	53.03	10.76	30.21	5.54	123.58	26.25	2.61	72.69	
18/09/2024 19:15	22.3	4	90.55	10.73	18.74	1.8	50.32	10.76	30.48	5.47	123.77	25.69	2.46	68.98	
18/09/2024 19:20	21.64	3.64	88.45	10.72	19.06	1.97	50.25	10.76	29.57	4.97	120.82	26.13	2.7	68.9	
18/09/2024 19:25	22.05	4.02	89.03	10.73	19.27	1.96	51.98	10.76	30.13	5.49	121.65	26.41	2.69	71.24	
18/09/2024 19:30	22.13	4.03	88.61	10.73	18.73	1.78	50.77	10.76	30.23	5.51	121.09	25.67	2.44	69.59	
18/09/2024 19:35	21.66	3.61	86.57	10.73	19.27	2.09	50.5	10.76	29.6	4.94	118.28	26.41	2.86	69.22	
18/09/2024 19:40	22.3	4	89.03	10.73	19.46	2.05	52.4	10.76	30.49	5.47	121.7	26.67	2.82	71.81	
18/09/2024 19:45	22.34	4.05	89.13	10.73	18.98	1.81	50.07	10.76	30.54	5.53	121.83	26.02	2.48	68.65	
18/09/2024 19:50	21.58	3.64	86.87	10.73	19.04	1.93	49.9	10.76	29.48	4.97	118.69	26.1	2.64	68.4	
18/09/2024 19:55	21.95	4	88	10.74	19.27	1.94	51.48	10.76	30.02	5.47	120.35	26.41	2.66	70.56	
18/09/2024 20:00	21.94	4.02	88.13	10.74	18.8	1.81	49.17	10.77	30.01	5.5	120.54	25.8	2.48	67.45	
18/09/2024 20:05	21.64	3.71	87.52	10.74	18.99	2	49.1	10.77	29.59	5.07	119.68	26.05	2.75	67.38	
18/09/2024 20:10	22.28	4.07	89.04	10.74	19.23	1.98	50.81	10.77	30.48	5.57	121.83	26.38	2.72	69.7	
18/09/2024 20:15	22.27	4.05	88.19	10.74	18.84	1.8	50	10.77	30.46	5.54	120.66	25.84	2.47	68.58	
18/09/2024 20:20	21.56	3.6	86.93	10.73	19.15	2.08	48.98	10.77	29.48	4.92	118.85	26.27	2.85	67.19	
18/09/2024 20:25	21.93	4.01	88.13	10.74	19.23	2.05	51	10.76	30	5.48	120.51	26.37	2.81	69.94	
18/09/2024 20:30	21.91	4.02	87.84	10.74	18.55	1.82	49.49	10.76	29.96	5.49	120.13	25.44	2.49	67.87	
18/09/2024 20:35	21.71	3.76	85.95	10.73	18.9	2.03	48.83	10.76	29.66	5.14	117.43	25.92	2.79	66.94	
18/09/2024 20:40	22.38	4.06	88.5	10.73	19.14	2.05	51.95	10.76	30.6	5.55	121.02	26.23	2.81	71.2	
18/09/2024 20:45	22.56	4.05	88.19	10.73	18.65	1.77	49.17	10.76	30.85	5.54	120.58	25.57	2.43	67.42	
18/09/2024 20:50	21.56	3.62	84.29	10.73	18.75	2.04	49.61	10.76	29.45	4.94	115.16	25.71	2.8	68.01	
18/09/2024 20:55	22.03	3.99	87.29	10.73	18.86	1.98	50.49	10.76	30.13	5.45	119.35	25.85	2.72	69.21	
18/09/2024 21:00	22	3.97	87.16	10.73	18.59	1.84	50.13	10.76	30.08	5.43	119.16	25.49	2.52	68.72	
18/09/2024 21:05	21.72	3.75	86.93	10.73	18.83	2.12	49.23	10.76	29.68	5.12	118.81	25.82	2.9	67.51	
18/09/2024 21:10	22.36	4.08	88.01	10.74	19.07	2.05	50.64	10.76	30.58	5.57	120.36	26.14	2.81	69.42	
18/09/2024 21:15	22.63	4.1	87.84	10.74	18.58	1.81	50.05	10.76	30.95	5.6	120.15	25.48	2.49	68.64	
18/09/2024 21:20	21.63	3.68	86.12	10.73	18.83	2.14	51.24	10.77	29.56	5.04	117.72	25.84	2.93	70.3	
18/09/2024 21:25	22.15	4.04	87.86	10.74	19.02	2.06	52.18	10.77	30.31	5.52	120.21	26.09	2.82	71.56	
18/09/2024 21:30	22.27	4.05	87.69	10.74	18.54	1.83	50.05	10.77	30.46	5.54	119.97	25.44	2.51	68.67	
18/09/2024 21:35	21.61	3.7	86.31	10.73	18.97	2.02	49.05	10.77	29.55	5.06	118	26.03	2.77	67.29	
18/09/2024 21:40	22.25	4.13	88.54	10.74	19.12	1.96	50.9	10.76	30.44	5.65	121.13	26.22	2.68	69.8	
18/09/2024 21:45	22.41	4.19	88.86	10.74	18.87	1.82	49.67	10.76	30.66	5.73	121.6	25.87	2.5	68.09	
18/09/2024 21:50	21.65	3.76	87.59	10.73	19.16	2.04	49.6	10.76	29.59	5.14	119.74	26.27	2.79	68.01	
18/09/2024 21:55	22.2	4.16	89.31	10.74	19.27	2.03	51.04	10.76	30.36	5.69	122.16	26.42	2.78	69.96	
18/09/2024 22:00	22.16	4.21	89.73	10.74	18.73	1.85	49.74	10.76	30.3	5.75	122.74	25.68	2.53	68.19	
18/09/2024 22:05	21.6	3.78	87.37	10.73	18.94	2.09	50.04	10.76	29.52	5.16	119.42	25.97	2.86	68.58	
18/09/2024 22:10	22.06	4.09	88.21	10.74	19.06	2.05	51.04	10.76	30.16	5.59	120.62	26.12	2.82	69.95	
18/09/2024 22:15	21.92	4.06	87.36	10.74	18.79	1.87	49.14	10.76	29.98	5.56	119.49	25.76	2.56	67.37	
18/09/2024 22:20	21.68	3.71	87.29	10.73	19.07	2.11	48.34	10.76	29.64	5.07	119.33	26.13	2.89	66.27	
18/09/2024 22:25	22.16	4.09	88.58	10.74	19.23	2.06	50.21	10.76	30.32	5.6	121.17	26.35	2.82	68.81	
18/09/2024 22:30	22.3	4.06	88.16	10.74	18.74	1.91	49.48	10.76	30.5	5.56	120.58	25.69	2.62	67.83	
18/09/2024 22:35	21.59	3.78	86.97	10.73	19.11	2.1	48.9	10.76	29.5	5.16	118.86	26.21	2.88	67.05	
18/09/2024 22:40	21.89	4.14	88.78	10.74	19.29	2.1	50.66	10.76	29.94	5.66	121.41	26.45	2.88	69.45	
18/09/2024 22:45	21.75	4.1	88.44	10.74	18.68	1.86	49.32	10.76	29.75	5.6	120.96	25.59	2.54	67.58	
18/09/2024 22:50	21.55	3.77	87.36	10.73	19.09	2.12	49.04	10.76	29.44	5.15	119.33	26.16	2.9	67.2	
18/09/2024 22:55	22.2	4.17	89.71	10.73	19.35	2.08	50.55	10.76	30.35	5.7	122.63	26.51	2.85	69.26	
18/09/2024 23:00	22.31	4.22	89.98	10.73	18.83	1.87	49.85	10.76	30.5	5.77	123	25.81	2.57	68.33	
18/09/2024 23:05	21.47	3.73	86.76	10.73	19.14	2.16	50.14	10.76	29.34	5.09	118.59	26.24	2.95	68.72	
18/09/2024 23:10	22.1	4.21	89.87	10.74	19.3	2.12	51.99	10.76	30.22	5.76	122.91	26.46	2.9	71.26	
18/09/2024 23:15	22.2	4.31	90.66	10.74	18.69	1.85	50.05	10.76	30.37	5.9	124	25.63	2.54	68.63	
18/09/2024 23:20	21.49	3.9	89.72	10.73	19.16	2.2	50.73	10.76	29.38	5.34	122.66	26.27	3.02	69.55	
18/09/2024 23:25	21.99	4.25	91.24	10.74	19.22	2.11	52.01	10.76	30.08	5.82	124.79	26.35	2.9	71.29	
18/09/2024 23:30	22.06	4.3	91.7	10.74	18.71	1.91	51.65	10.76	30.18	5.88	125.43	25.66	2.62	70.82	
18/09/2024 23:35	21.49	3.85	89.53	10.73	19.14	2.14	51.99	10.76	29.37	5.26	122.39	26.25	2.93	71.3	
18/09/2024 23:40	22.01	4.21	91.08	10.74	19.15	2.06	52.55	10.76	30.1	5.75	124.57	26.25	2.83	72.03	
18/09/2024 23:45	22.27	4.24	91.48	10.74	18.59	1.9	50.22	10.76	30.45	5.79	125.13	25.48	2.6	68.84	
18/09/2024 23:50	21.31	3.62	87.42	10.73	19.11	2.1	50.05	10.76	29.13	4.95	119.47	26.2	2.88	68.61	
18/09/2024 23:55	22.14	4.14	89.22	10.73	19.18	2.05	52.12	10.76	30.27	5.66	121.96	26.28	2.81	71.41	
19/09/2024 00:00	22.34	4.13	89.06	10.73	18.52	1.84	50.36	10.75	30.55	5.64	121.76	25.37	2.52	69	
19/09/2024 00:05	21.45	3.74	87.58	10.73	18.9	2.19	50.95	10.76	29.31	5.11	119.66	25.91	3	69.83	
19/09/2024 00:10	22.1	4.16	89.2	10.73	19.19	2.13	52.04	10.76	30.22	5.68	121.95	26.3	2.92	71.31	
19/09/2024 00:15	22.14	4.16	88.44	10.74	18.72	1.83	50	10.76	30.28	5.69	120.94	25.66	2.52	68.53	
19/09/2024 00:20	21.42	3.78	87.68												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/09/2024 02:00	22.06	4.03	88.47	10.73	18.62	1.86	50.41	10.75	30.15	5.51	120.91	25.52	2.55	69.07	
19/09/2024 02:05	21.4	3.71	87.98	10.72	18.76	2.11	50.83	10.75	29.23	5.07	120.16	25.7	2.89	69.64	
19/09/2024 02:10	21.8	4.12	88.82	10.73	18.88	2.07	52.2	10.75	29.79	5.63	121.38	25.86	2.83	71.5	
19/09/2024 02:15	21.7	4.06	88.27	10.73	18.44	1.85	50.22	10.75	29.66	5.55	120.62	25.27	2.53	68.8	
19/09/2024 02:20	21.48	3.75	88.04	10.73	18.9	2.06	50.39	10.76	29.34	5.12	120.27	25.9	2.82	69.06	
19/09/2024 02:25	21.96	4.12	89.07	10.73	18.98	2.02	51.94	10.76	30.02	5.63	121.78	26	2.76	71.17	
19/09/2024 02:30	21.95	4.13	89.27	10.73	18.44	1.85	51.05	10.75	30.02	5.64	122.06	25.26	2.54	69.94	
19/09/2024 02:35	21.22	3.7	87.6	10.72	18.8	2.12	50.91	10.75	28.97	5.05	119.61	25.74	2.9	69.71	
19/09/2024 02:40	21.78	4.08	89.75	10.72	18.87	2.04	51.56	10.75	29.74	5.58	122.58	25.84	2.79	70.6	
19/09/2024 02:45	21.77	4.1	90.38	10.72	18.45	1.87	51.09	10.75	29.72	5.59	123.42	25.26	2.57	69.97	
19/09/2024 02:50	21.24	3.69	87.72	10.72	18.65	2.07	51.48	10.75	28.99	5.04	119.76	25.55	2.84	70.53	
19/09/2024 02:55	22.1	4.15	90.2	10.72	18.88	2.02	52.9	10.75	30.18	5.67	123.19	25.86	2.77	72.45	
19/09/2024 03:00	22.11	4.14	89.56	10.73	18.35	1.84	51.21	10.75	30.2	5.66	122.35	25.12	2.52	70.11	
19/09/2024 03:05	21.2	3.74	87.75	10.72	18.73	2.17	51	10.75	28.94	5.1	119.79	25.64	2.97	69.81	
19/09/2024 03:10	21.69	4.11	90.27	10.72	18.87	2.14	52.32	10.75	29.63	5.62	123.3	25.84	2.93	71.63	
19/09/2024 03:15	21.7	4.11	90.75	10.73	18.43	1.95	52.1	10.75	29.65	5.62	123.97	25.24	2.67	71.34	
19/09/2024 03:20	21.14	3.85	87.36	10.71	18.43	2.15	52.3	10.74	28.84	5.25	119.18	25.22	2.94	71.56	
19/09/2024 03:25	21.7	4.25	90.58	10.72	18.71	2.16	54.4	10.74	29.62	5.8	123.63	25.6	2.96	74.41	
19/09/2024 03:30	21.61	4.28	90.66	10.72	18.39	2.01	52.11	10.75	29.5	5.85	123.75	25.17	2.76	71.33	
19/09/2024 03:35	21.18	3.77	88.57	10.72	18.64	2.1	51.4	10.74	28.91	5.14	120.87	25.51	2.87	70.35	
19/09/2024 03:40	21.88	4.22	90.34	10.72	18.85	2.06	53.98	10.74	29.89	5.76	123.38	25.8	2.82	73.87	
19/09/2024 03:45	22.03	4.27	90.59	10.72	18.49	1.94	52.63	10.75	30.09	5.83	123.74	25.32	2.65	72.05	
19/09/2024 03:50	21.37	3.76	88.28	10.72	18.92	2.19	52.84	10.75	29.17	5.13	120.48	25.91	3	72.34	
19/09/2024 03:55	21.87	4.15	90.02	10.72	19.07	2.21	54.88	10.74	29.85	5.66	122.87	26.1	3.03	75.1	
19/09/2024 04:00	21.78	4.19	90.53	10.72	18.34	1.9	51.87	10.75	29.73	5.72	123.58	25.11	2.6	71	
19/09/2024 04:05	21.35	3.85	88.37	10.71	18.95	2.11	50.49	10.74	29.12	5.25	120.56	25.93	2.89	69.1	
19/09/2024 04:10	21.83	4.18	90.2	10.72	19.08	2.1	52.18	10.74	29.82	5.71	123.18	26.11	2.87	71.4	
19/09/2024 04:15	21.97	4.17	90.25	10.72	18.31	1.91	51.33	10.75	30.01	5.7	123.27	25.07	2.61	70.27	
19/09/2024 04:20	21.53	3.84	88.8	10.71	18.99	2.28	52.39	10.75	29.37	5.24	121.16	26	3.12	71.73	
19/09/2024 04:25	21.86	4.16	90.32	10.71	19.1	2.24	53.99	10.74	29.81	5.68	123.21	26.13	3.06	73.87	
19/09/2024 04:30	21.84	4.11	90.22	10.71	18.43	1.84	51.18	10.74	29.79	5.61	123.02	25.21	2.52	70.01	
19/09/2024 04:35	21.26	3.75	87.88	10.71	18.66	2.09	52.74	10.74	28.99	5.11	119.83	25.53	2.86	72.15	
19/09/2024 04:40	21.76	4.2	90.16	10.72	18.66	2.05	53.46	10.74	29.71	5.73	123.07	25.8	2.8	73.12	
19/09/2024 04:45	21.8	4.25	90.41	10.72	18.38	1.87	51.32	10.74	29.76	5.81	123.43	25.15	2.56	70.22	
19/09/2024 04:50	21.12	3.84	89	10.71	18.79	2.07	50.86	10.74	28.81	5.24	121.42	25.71	2.83	69.59	
19/09/2024 04:55	21.78	4.24	90.47	10.71	18.96	2.08	52.63	10.74	29.72	5.78	123.45	25.94	2.84	72	
19/09/2024 05:00	21.8	4.27	90.03	10.71	18.33	1.88	51.95	10.74	29.74	5.82	122.86	25.08	2.57	71.08	
19/09/2024 05:05	21.32	3.86	88.75	10.71	18.64	2.17	51.86	10.74	29.08	5.26	121.06	25.51	2.97	70.96	
19/09/2024 05:10	21.77	4.26	90.54	10.71	18.97	2.13	52.98	10.74	29.7	5.81	123.51	25.94	2.92	72.45	
19/09/2024 05:15	21.86	4.3	90.69	10.71	18.42	1.83	51.18	10.73	29.83	5.87	123.74	25.18	2.51	69.98	
19/09/2024 05:20	21.32	3.83	88.91	10.7	18.89	2	50.42	10.73	29.06	5.22	121.18	25.82	2.74	68.95	
19/09/2024 05:25	21.73	4.15	89.69	10.71	18.94	1.99	52.13	10.73	29.64	5.65	122.33	25.89	2.72	71.27	
19/09/2024 05:30	21.63	4.13	89.16	10.71	18.38	1.85	51.78	10.74	29.5	5.63	121.63	25.14	2.53	70.83	
19/09/2024 05:35	21.26	3.74	89.2	10.71	19.06	2.27	53.22	10.74	28.99	5.1	121.62	26.08	3.11	72.8	
19/09/2024 05:40	21.75	4.15	90.48	10.71	19.1	2.11	53.16	10.74	29.67	5.67	123.42	26.12	2.89	72.69	
19/09/2024 05:45	21.83	4.17	90.33	10.71	18.39	1.87	52.08	10.74	29.77	5.69	123.21	25.15	2.56	71.23	
19/09/2024 05:50	21.37	3.86	89.81	10.71	18.8	2.11	52.17	10.74	29.15	5.26	122.46	25.71	2.89	71.36	
19/09/2024 05:55	21.8	4.22	91.06	10.71	18.95	2.05	53.2	10.74	29.74	5.76	124.24	25.91	2.8	72.75	
19/09/2024 06:00	21.84	4.24	91.75	10.71	18.35	1.83	52.04	10.74	29.8	5.78	125.17	25.1	2.51	71.18	
19/09/2024 06:05	20.67	3.91	90.89	10.7	18.79	2.18	52.54	10.74	28.17	5.33	123.87	25.7	2.98	71.89	
19/09/2024 06:10	21.36	4.27	91.64	10.71	18.68	2.25	56.81	10.74	29.13	5.83	125.01	25.54	3.07	77.69	
19/09/2024 06:15	21.23	4.27	91.34	10.71	17.71	2.23	61.26	10.73	28.97	5.82	124.63	24.21	3.05	83.74	
19/09/2024 06:20	20.97	3.91	90.5	10.7	18.39	2.57	62.64	10.74	28.58	5.33	123.36	25.15	3.52	85.66	
19/09/2024 06:25	21.44	4.29	91.96	10.71	18.33	2.49	63.2	10.73	29.24	5.85	125.43	25.06	3.4	86.41	
19/09/2024 06:30	21.56	4.3	91.64	10.71	17.47	2.29	61.61	10.73	29.41	5.86	125	23.87	3.13	84.2	
19/09/2024 06:35	20.95	3.99	90.76	10.7	17.67	2.5	62.33	10.73	28.55	5.43	123.67	24.14	3.42	85.18	
19/09/2024 06:40	21.42	4.31	92.39	10.7	17.85	2.5	63.63	10.72	29.2	5.88	125.95	24.39	3.41	86.92	
19/09/2024 06:45	21.41	4.35	92.89	10.71	17.49	2.35	62.91	10.72	29.19	5.93	126.66	23.88	3.21	85.92	
19/09/2024 06:50	20.85	4.04	91.61	10.69	17.83	2.55	63.46	10.72	28.4	5.5	124.76	24.36	3.49	86.66	
19/09/2024 06:55	21.39	4.36	92.29	10.7	18.11	2.47	63.44	10.72	29.15	5.94	125.73	24.72	3.37	86.61	
19/09/2024 07:00	21.5	4.35	91.92	10.7	17.87	2.15	59.26	10.72	29.29	5.92	125.25	24.39	2.93	80.91	
19/09/2024 07:05	20.79	3.84	90.5	10.69	18.36	2.29	56.67	10.72	28.3	5.22	123.2	25.07	3.12	77.37	
19/09/2024 07:10	21.58	4.34	92.99	10.7	18.67	2.25	57.06	10.72	29.39	5.91	126.68	25.49	3.07	77.91	
19/09/2024 07:15	21.8	4.39	93.25	10.7	18.25	1.87	54.13	10.72	29.7	5.99	127.06	24.93	2.56	73.93	
19/09/2024 07:20	21.19	3.91	91.3	10.69	18.49	2.14	54.26	10.72	28.84	5.32	124.28	25.25	2.92	74.09	
19/09/2024 07:25	21.64	4.18	92.6	10.69	18.66	2.11	55.43	10.72	29.48	5.69	126.12	25.48	2.89	75.66	
19/09/2024 07:30	21.67	4.16	92.16	10.7	18.47	1.87	53.69	10.72	29.52	5.66	125.53	25.22	2.56	73.31	
19/09/2024 07:35	21.06	3.83	91.24	10.69	18.8	2.09	53.65	10.72	28.68	5.21	124.22	25.68	2.86	73.27	
19/09/2024 07:40	21.48	4.2	93.02	10.7	18.94	2.08	55.07	10.72	29.27	5.72	126.75	25.87	2.84	75.2	
19/09/2024 07:45	21.41	4.21	93.14	10.7	18.52	1.82	53.74	10.73	29.17	5.73	126.91	25.31	2.48	73.45	
19/09/2024 07:50	21.15	3.77	91.58	10.69	18.84	1.95	52.52	10.73	28.8	5.13	124.71	25.74	2.67	71.76	
19/09/2024 07:55	21.72	4.17	92.72	10.69	19	1.94	54.11	10.72	29.59	5.68	126.29	25.94	2.65	73.89	
19/09/2024 08:00	21.77	4.24	92.66	10.7	18.49	1.67	52.31	10.72	29.65	5.77	126.21	25.24	2.29	71.4	
19/09/2024 08:05	21.31	3.71	90.02												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/09/2024 09:45	21.66	3.63	88.23	10.68	18.62	1.35	51.27	10.71	29.46	4.93	120.04	25.4	1.84	69.92	
19/09/2024 09:50	21.24	3.21	87.85	10.67	18.99	1.74	50.68	10.71	28.87	4.36	119.41	25.9	2.37	69.13	
19/09/2024 09:55	21.72	3.65	89.72	10.68	19.15	1.67	52.66	10.71	29.54	4.96	122.01	26.11	2.28	71.81	
19/09/2024 10:00	21.72	3.72	90.27	10.68	18.69	1.28	50.98	10.7	29.53	5.06	122.75	25.48	1.74	69.5	
19/09/2024 10:05	21.37	3.28	87.85	10.67	18.8	1.76	52.89	10.71	29.05	4.46	119.42	25.63	2.4	72.11	
19/09/2024 10:10	21.86	3.64	89.22	10.68	18.89	1.54	53.44	10.7	29.73	4.95	121.33	25.76	2.1	72.85	
19/09/2024 10:15	21.91	3.7	89.73	10.68	18.8	1.31	50.81	10.71	29.79	5.04	122.04	25.63	1.79	69.28	
19/09/2024 10:20	21.34	3.24	87.48	10.68	19.05	1.43	51.4	10.71	29.02	4.41	118.96	25.98	1.95	70.11	
19/09/2024 10:25	21.95	3.54	88.64	10.69	19.22	1.43	53.26	10.71	29.87	4.81	120.62	26.21	1.96	72.63	
19/09/2024 10:30	22.05	3.6	88.83	10.69	18.75	1.27	50.61	10.71	30.01	4.89	120.9	25.58	1.73	69.04	
19/09/2024 10:35	21.35	3.05	86.74	10.68	18.72	1.05	51.58	10.71	29.05	4.15	118.02	25.54	1.43	70.37	
19/09/2024 10:40	21.97	3.47	87.49	10.69	18.96	1.19	52.55	10.71	29.92	4.73	119.15	25.88	1.62	71.7	
19/09/2024 10:45	21.94	3.47	87.31	10.7	18.84	1.2	50.38	10.72	29.88	4.73	118.93	25.71	1.64	68.76	
19/09/2024 10:50	21.34	3	86.09	10.69	18.59	0.97	49.74	10.71	29.04	4.09	117.14	25.37	1.33	67.88	
19/09/2024 10:55	22.01	3.42	87.37	10.69	18.85	1.02	50.54	10.71	29.96	4.65	118.96	25.72	1.39	68.96	
19/09/2024 11:00	22.08	3.39	86.72	10.69	18.96	1.26	49.83	10.72	30.06	4.62	118.07	25.89	1.72	68.04	
19/09/2024 11:05	21.45	2.95	85.73	10.69	18.96	1.19	49.58	10.72	29.21	4.02	116.74	25.89	1.62	67.71	
19/09/2024 11:10	22.19	3.32	86.2	10.7	19.27	1.27	50.05	10.72	30.24	4.53	117.48	26.32	1.73	68.35	
19/09/2024 11:15	22.45	3.35	86.02	10.7	18.86	1.06	48.26	10.73	30.6	4.56	117.24	25.77	1.45	65.94	
19/09/2024 11:20	21.61	2.81	84.39	10.7	19.39	1.67	48.34	10.73	29.45	3.83	115.01	26.5	2.29	66.08	
19/09/2024 11:25	21.73	3.3	86.7	10.71	19.58	1.6	50.25	10.73	29.63	4.5	118.24	26.76	2.18	68.68	
19/09/2024 11:30	21.56	3.35	86.77	10.71	18.62	1.07	50.24	10.74	29.41	4.56	118.35	25.46	1.46	68.71	
19/09/2024 11:35	21.35	2.88	84.59	10.71	18.36	0.96	50.61	10.74	29.13	3.93	115.4	25.11	1.31	69.25	
19/09/2024 11:40	21.96	3.26	87.37	10.72	18.84	1.02	51.91	10.74	29.97	4.46	119.27	25.78	1.39	71.01	
19/09/2024 11:45	22.02	3.28	87.48	10.72	18.92	1.06	49.94	10.75	30.05	4.48	119.42	25.9	1.45	68.37	
19/09/2024 11:50	21.56	2.89	85	10.72	20.03	1.6	49.2	10.75	29.44	3.95	116.07	27.42	2.18	67.36	
19/09/2024 11:55	22.04	3.2	86.61	10.73	19.99	1.49	51.29	10.75	30.11	4.38	118.34	27.36	2.04	70.21	
19/09/2024 12:00	22.13	3.22	86.77	10.73	19.01	1.09	50.41	10.75	30.23	4.4	118.55	26.03	1.5	69.03	
19/09/2024 12:05	21.57	2.92	86.17	10.73	19.65	1.72	50.32	10.75	29.47	4	117.72	26.92	2.35	68.93	
19/09/2024 12:10	21.95	3.39	88.51	10.74	19.4	1.45	52.37	10.75	30.02	4.64	121.05	26.58	1.98	71.72	
19/09/2024 12:15	21.97	3.45	88.69	10.74	18.39	0.89	49.62	10.76	30.05	4.73	121.3	25.2	1.23	68	
19/09/2024 12:20	21.54	3.02	86.4	10.74	19.15	1.49	49.71	10.76	29.45	4.13	118.15	26.26	2.05	68.16	
19/09/2024 12:25	22.05	3.37	88.03	10.74	19.12	1.26	51.85	10.76	30.17	4.62	120.48	26.22	1.73	71.08	
19/09/2024 12:30	22.22	3.39	87.7	10.74	18.46	0.98	52.37	10.77	30.4	4.64	120.01	25.32	1.34	71.84	
19/09/2024 12:35	21.21	2.97	88.33	10.74	18.79	1.42	53.42	10.76	29.01	4.06	120.82	25.77	1.95	73.25	
19/09/2024 12:40	21.89	3.48	90.04	10.74	19.22	1.53	55.02	10.77	29.97	4.77	123.24	26.37	2.1	75.46	
19/09/2024 12:45	22.16	3.55	90.42	10.75	18.83	1.13	52.31	10.77	30.33	4.86	123.79	25.86	1.56	71.81	
19/09/2024 12:50	21.26	2.87	87.63	10.75	18.72	0.9	53.05	10.77	29.1	3.94	119.95	25.69	1.24	72.79	
19/09/2024 12:55	21.86	3.25	88.04	10.75	18.57	0.81	53.81	10.77	29.95	4.45	120.61	25.47	1.11	73.83	
19/09/2024 13:00	22	3.27	88.45	10.75	18.41	0.87	50.49	10.77	30.14	4.48	121.19	25.27	1.19	69.3	
19/09/2024 13:05	21.45	2.89	86.49	10.75	19.14	1.36	50.39	10.78	29.38	3.96	118.47	26.28	1.87	69.19	
19/09/2024 13:10	22.16	3.19	86.71	10.76	19.28	1.25	51.3	10.78	30.38	4.37	118.89	26.48	1.72	70.46	
19/09/2024 13:15	22.33	3.14	86.42	10.76	18.86	1.07	49.93	10.79	30.62	4.31	118.52	25.94	1.47	68.67	
19/09/2024 13:20	21.43	2.72	84.73	10.76	18.36	0.36	49.24	10.79	29.38	3.73	116.15	25.24	0.5	67.68	
19/09/2024 13:25	22.05	3.29	87.14	10.77	18.46	0.48	50.03	10.79	30.26	4.51	119.59	25.38	0.66	68.77	
19/09/2024 13:30	22.03	3.38	87.91	10.77	18.59	0.82	49.4	10.8	30.24	4.63	120.64	25.57	1.14	67.95	
19/09/2024 13:35	21.4	2.76	85.31	10.77	18.84	1.39	49.12	10.8	29.37	3.79	117.06	25.92	1.92	67.59	
19/09/2024 13:40	21.65	3.21	87.41	10.77	19.12	1.34	50.53	10.8	29.71	4.4	120	26.3	1.85	69.52	
19/09/2024 13:45	21.59	3.27	87.5	10.77	18.73	0.92	50.01	10.8	29.64	4.48	120.1	25.77	1.26	68.8	
19/09/2024 13:50	21.17	2.76	85.4	10.77	19.73	1.89	51.37	10.8	29.05	3.79	117.21	27.16	2.6	70.73	
19/09/2024 13:55	22.04	3.23	87.6	10.78	19.4	1.44	52.18	10.8	30.27	4.43	120.35	26.7	1.98	71.81	
19/09/2024 14:00	22.13	3.31	88.47	10.78	18.57	0.89	50.3	10.8	30.4	4.55	121.57	25.56	1.23	69.24	
19/09/2024 14:05	21.34	2.69	85.87	10.77	18.97	1.01	50.1	10.8	29.29	3.7	117.85	26.11	1.38	68.96	
19/09/2024 14:10	21.76	3.15	87.62	10.78	18.98	0.93	51.47	10.8	29.89	4.33	120.38	26.13	1.28	70.84	
19/09/2024 14:15	21.77	3.1	87.34	10.78	18.87	1.08	49.75	10.81	29.9	4.25	120	25.98	1.49	68.53	
19/09/2024 14:20	21.03	2.56	86.24	10.78	17.97	0.29	49.52	10.8	28.87	3.52	118.43	24.73	0.4	68.15	
19/09/2024 14:25	21.75	3.13	89.13	10.78	18.53	0.57	51.75	10.8	29.88	4.3	122.46	25.5	0.78	71.2	
19/09/2024 14:30	21.69	3.14	89.16	10.78	18.98	1.15	51.28	10.8	29.8	4.32	122.51	26.12	1.58	70.58	
19/09/2024 14:35	21.02	2.71	86.36	10.77	19.43	1.28	51.76	10.8	28.86	3.72	118.52	26.74	1.76	71.25	
19/09/2024 14:40	21.62	3.22	87.74	10.78	19.34	1.17	52.66	10.8	29.69	4.42	120.49	26.62	1.61	72.47	
19/09/2024 14:45	21.63	3.28	87.78	10.78	18.35	0.8	50.83	10.8	29.7	4.51	120.55	25.25	1.1	69.93	
19/09/2024 14:50	21.08	2.78	87.56	10.76	18.92	0.89	51.36	10.79	28.91	3.81	120.08	26.02	1.22	70.61	
19/09/2024 14:55	21.68	3.21	88.5	10.77	19.06	0.91	52.23	10.79	29.75	4.4	121.44	26.2	1.25	71.81	
19/09/2024 15:00	21.66	3.16	87.55	10.77	18.62	0.83	50.86	10.8	29.72	4.33	120.15	25.62	1.14	69.97	
19/09/2024 15:05	20.97	2.65	86.71	10.77	18.86	1.09	52.01	10.8	28.78	3.63	118.98	25.96	1.49	71.58	
19/09/2024 15:10	21.66	3.2	88.44	10.77	18.85	1	53.02	10.79	29.72	4.4	121.38	25.92	1.38	72.92	
19/09/2024 15:15	21.52	3.2	88.11	10.77	18.48	0.82	50.45	10.79	29.53	4.4	120.92	25.41	1.13	69.37	
19/09/2024 15:20	21.02	2.69	86.44	10.76	18.99	1.13	50.99	10.79	28.82	3.69	118.53	26.12	1.55	70.12	
19/09/2024 15:25	21.63	3.16	87.8	10.77	19.09	1.1	53	10.79	29.67	4.33	120.46	26.24	1.51	72.85	
19/09/2024 15:30	21.72	3.16	87.97	10.77	18.32	0.8	51.21	10.78	29.79	4.33	120.67	25.18	1.1	70.36	
19/09/2024 15:35	20.89	2.74	86.37	10.75	18.71	1.11	51.98	10.78	28.62	3.76	118.33	25.7	1.52	71.41	
19/09/2024 15:40	21.59	3.25	88.26	10.76	18.77	0.99	53.71	10.78	29.61	4.46	121	25.79	1.36	73.78	
19/09/2024 15:45	21.72	3.25	88.3	10.76	18.32	0.78	51.34	10.79	29.78	4.46	121.07	25.18	1.07	70.56	
19/09/2024 15:50															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/09/2024 17:30	21.69	3.53	91.75	10.76	18.29	0.76	51.83	10.78	29.72	4.84	125.73	25.12	1.04	71.16	
19/09/2024 17:35	20.8	2.98	90.36	10.75	17.88	0.66	52.35	10.77	28.47	4.08	123.69	24.54	0.91	71.86	
19/09/2024 17:40	21.61	3.51	91.77	10.75	18.21	0.79	54.11	10.77	29.6	4.8	125.68	24.98	1.09	74.25	
19/09/2024 17:45	21.75	3.53	91.75	10.75	18.34	0.95	52.81	10.77	29.79	4.84	125.65	25.16	1.31	72.44	
19/09/2024 17:50	20.8	2.92	89.17	10.74	18.26	0.63	54.26	10.76	28.44	3.99	121.94	25.03	0.87	74.41	
19/09/2024 17:55	21.7	3.39	90.1	10.74	18.82	1.01	54.63	10.76	29.7	4.64	123.3	25.81	1.38	74.92	
19/09/2024 18:00	21.92	3.36	89.8	10.74	18.76	1.12	51.2	10.76	30	4.6	122.9	25.73	1.54	70.21	
19/09/2024 18:05	21.3	2.67	82.98	10.71	19.74	1.85	51.84	10.77	29.05	3.64	113.21	27.09	2.54	71.13	
19/09/2024 18:10	21.62	2.95	82.49	10.71	19.68	1.65	52.74	10.77	29.51	4.03	112.57	26.99	2.26	72.34	
19/09/2024 18:15	21.45	2.95	82.17	10.72	18.65	1.06	52.1	10.76	29.28	4.03	112.15	25.57	1.45	71.46	
19/09/2024 18:20	21.23	2.61	82.61	10.71	18.38	0.82	51.94	10.76	28.96	3.56	112.65	25.2	1.12	71.22	
19/09/2024 18:25	21.85	3.05	83.96	10.71	18.91	1.13	53.47	10.76	29.79	4.16	114.47	25.92	1.55	73.28	
19/09/2024 18:30	21.89	3.13	84.86	10.71	18.67	1.14	53.24	10.76	29.85	4.26	115.71	25.58	1.57	72.95	
19/09/2024 18:35	21.02	2.81	85.78	10.72	18.12	0.59	52.69	10.75	28.7	3.84	117.09	24.82	0.81	72.17	
19/09/2024 18:40	21.7	3.41	90.28	10.72	18.32	0.8	53.5	10.75	29.64	4.66	123.32	25.08	1.09	73.23	
19/09/2024 18:45	21.72	3.44	90.03	10.72	17.78	0.73	47.05	10.72	29.67	4.7	122.97	24.27	1	64.24	
19/09/2024 18:50	21.17	3.06	88.32	10.72	18.95	1.62	47.91	10.73	28.89	4.18	120.54	25.89	2.21	65.46	
19/09/2024 18:55	21.6	3.38	90.17	10.72	19.11	1.55	49.19	10.72	29.49	4.61	123.11	26.11	2.12	67.19	
19/09/2024 19:00	21.63	3.38	89.97	10.72	18.16	0.88	47.41	10.72	29.53	4.61	122.85	24.79	1.2	64.71	
19/09/2024 19:05	21.19	3.06	88.1	10.71	18.91	1.35	47.94	10.72	28.9	4.17	120.15	25.82	1.84	65.45	
19/09/2024 19:10	21.58	3.41	91.24	10.71	18.96	1.2	49.09	10.71	29.44	4.66	124.44	25.87	1.64	66.99	
19/09/2024 19:15	21.55	3.45	92.42	10.71	18.41	1.09	49.91	10.72	29.39	4.71	126.06	25.14	1.48	68.17	
19/09/2024 19:20	21.15	3.11	90.05	10.7	19.94	2.24	53.14	10.74	28.83	4.24	122.76	27.28	3.06	72.7	
19/09/2024 19:25	21.76	3.4	89.82	10.7	19.58	1.79	54.14	10.73	29.67	4.63	122.46	26.77	2.45	74.02	
19/09/2024 19:30	21.91	3.42	89.61	10.7	18.76	1.18	52.31	10.73	29.87	4.67	122.17	25.64	1.61	71.48	
19/09/2024 19:35	21.13	2.83	87.94	10.69	18.88	0.93	51.32	10.72	28.78	3.85	119.75	25.78	1.27	70.09	
19/09/2024 19:40	21.69	3.38	89.72	10.69	18.93	0.99	52.55	10.72	29.54	4.61	122.17	25.85	1.36	71.75	
19/09/2024 19:45	21.81	3.49	90.5	10.69	18.64	1.03	51.82	10.71	29.7	4.75	123.23	25.45	1.4	70.72	
19/09/2024 19:50	21.37	3	89.14	10.69	19.44	1.5	51.34	10.72	29.09	4.08	121.31	26.54	2.05	70.09	
19/09/2024 19:55	21.74	3.38	90.4	10.69	19.61	1.53	53.24	10.72	29.61	4.61	123.1	26.76	2.09	72.65	
19/09/2024 20:00	21.73	3.38	90.25	10.69	18.43	0.89	51.73	10.71	29.6	4.6	122.89	25.15	1.22	70.58	
19/09/2024 20:05	21.19	2.87	87.48	10.68	18.95	1.35	52.19	10.72	28.83	3.9	119	25.86	1.85	71.23	
19/09/2024 20:10	21.86	3.3	89.45	10.69	19.22	1.4	53.57	10.71	29.75	4.49	121.74	26.23	1.91	73.09	
19/09/2024 20:15	21.86	3.33	89.61	10.69	18.64	1.04	50.96	10.71	29.75	4.53	121.97	25.43	1.42	69.52	
19/09/2024 20:20	21.27	2.95	88.5	10.68	19.56	1.34	51.21	10.71	28.93	4.01	120.35	26.69	1.83	69.87	
19/09/2024 20:25	21.65	3.34	90.16	10.68	19.48	1.28	52.98	10.71	29.46	4.54	122.67	26.57	1.75	72.27	
19/09/2024 20:30	21.52	3.33	90.09	10.68	18.48	1.05	51.46	10.71	29.27	4.53	122.55	25.21	1.44	70.17	
19/09/2024 20:35	21.17	2.97	88.03	10.67	18.2	0.44	51.6	10.7	28.78	4.04	119.64	24.8	0.6	70.32	
19/09/2024 20:40	21.82	3.4	89.94	10.68	18.79	0.84	52.65	10.7	29.66	4.62	122.27	25.61	1.15	71.75	
19/09/2024 20:45	21.72	3.41	89.64	10.68	18.75	1.04	51.12	10.7	29.53	4.63	121.88	25.55	1.42	69.67	
19/09/2024 20:50	21.25	3.06	88.88	10.67	18.55	1.15	51.46	10.7	28.87	4.15	120.75	25.28	1.57	70.12	
19/09/2024 20:55	21.72	3.46	91.47	10.67	18.77	1.15	52.89	10.69	29.51	4.71	124.29	25.56	1.57	72.04	
19/09/2024 21:00	21.64	3.47	92.14	10.67	18.41	0.95	51.34	10.69	29.4	4.71	125.18	25.07	1.29	69.9	
19/09/2024 21:05	21.19	2.96	88.89	10.66	18.7	1.04	52.31	10.69	28.77	4.03	120.7	25.47	1.42	71.23	
19/09/2024 21:10	21.77	3.37	90.1	10.66	19.01	1.16	53.09	10.69	29.56	4.57	122.36	25.88	1.58	72.27	
19/09/2024 21:15	21.8	3.38	89.55	10.66	18.92	1.22	50.94	10.69	29.6	4.59	121.6	25.77	1.66	69.36	
19/09/2024 21:20	21.39	2.85	86.82	10.66	19.19	1.37	50.06	10.69	29.03	3.86	117.82	26.12	1.87	68.16	
19/09/2024 21:25	21.79	3.32	88.7	10.66	19.4	1.41	52.53	10.69	29.58	4.5	120.41	26.4	1.92	71.49	
19/09/2024 21:30	21.81	3.39	88.77	10.66	18.94	1.17	51.49	10.68	29.61	4.61	120.5	25.77	1.59	70.06	
19/09/2024 21:35	21.18	2.93	88.09	10.65	19.11	1.13	51.63	10.68	28.74	3.98	119.49	25.99	1.54	70.22	
19/09/2024 21:40	21.8	3.4	90.33	10.66	19.39	1.34	52.87	10.68	29.58	4.61	122.59	26.38	1.82	71.92	
19/09/2024 21:45	21.84	3.39	90	10.66	18.44	0.93	52.02	10.68	29.64	4.6	122.14	25.08	1.26	70.75	
19/09/2024 21:50	21.33	3.01	88.35	10.65	19.05	1.22	51.64	10.68	28.93	4.08	119.8	25.92	1.66	70.24	
19/09/2024 21:55	21.68	3.35	89.6	10.65	19.27	1.28	53.3	10.68	29.4	4.54	121.54	26.2	1.75	72.48	
19/09/2024 22:00	21.69	3.38	89.25	10.65	18.68	1.08	51.64	10.68	29.42	4.58	121.07	25.4	1.47	70.21	
19/09/2024 22:05	21.23	3.02	88.95	10.65	19.15	1.46	51.72	10.68	28.78	4.1	120.57	26.03	1.98	70.31	
19/09/2024 22:10	21.41	3.43	90.13	10.65	19.06	1.27	53.19	10.67	29.04	4.65	122.22	25.91	1.73	72.29	
19/09/2024 22:15	21.19	3.53	90.55	10.65	18.42	0.98	52.23	10.68	28.74	4.79	122.81	25.04	1.34	71.01	
19/09/2024 22:20	21.25	3	89.04	10.64	19.3	1.64	52.37	10.67	28.8	4.07	120.67	26.24	2.23	71.2	
19/09/2024 22:25	21.73	3.43	90.05	10.65	19.54	1.69	53.41	10.68	29.47	4.65	122.12	26.56	2.3	72.61	
19/09/2024 22:30	21.94	3.45	89.92	10.65	18.7	1.12	51.89	10.67	29.76	4.69	121.98	25.42	1.52	70.53	
19/09/2024 22:35	21.23	3.02	88.84	10.65	18.8	0.96	52.41	10.67	28.77	4.1	120.41	25.56	1.3	71.24	
19/09/2024 22:40	21.7	3.44	91.33	10.65	19.04	1.05	53.74	10.67	29.43	4.67	123.86	25.87	1.42	73.03	
19/09/2024 22:45	21.78	3.45	91.89	10.65	18.53	1.12	52.18	10.68	29.54	4.69	124.61	25.19	1.52	70.95	
19/09/2024 22:50	21.05	2.93	88.31	10.64	18.29	0.88	52.13	10.67	28.53	3.97	119.69	24.86	1.2	70.86	
19/09/2024 22:55	21.63	3.44	91.18	10.65	18.93	1.3	53.96	10.67	29.33	4.67	123.61	25.73	1.76	73.32	
19/09/2024 23:00	21.67	3.53	91.84	10.65	18.61	1.09	53.41	10.67	29.39	4.79	124.55	25.29	1.48	72.58	
19/09/2024 23:05	21.21	3.1	89.88	10.64	19	1.26	53.78	10.67	28.73	4.19	121.75	25.83	1.72	73.11	
19/09/2024 23:10	21.66	3.51	91.42	10.64	19.27	1.44	54.89	10.67	29.36	4.76	123.91	26.19	1.96	74.6	
19/09/2024 23:15	21.73	3.58	91.72	10.65	18.82	1.2	52.98	10.67	29.46	4.85	124.34	25.58	1.64	72	
19/09/2024 23:20	21.17	2.99	88.23	10.64	18.62	1.04	52.25	10.67	28.68	4.05	119.52	25.29	1.41	70.98	
19/09/2024 23:25	21.83	3.4	89.57	10.65	18.83	1.11	53.44	10.67	29.58	4.61	121.41	25.58	1.51	72.59	
19/09/2024 23:30	21.81	3.45	89.47	10.65	18.64	1.08	52.17	10.67	29.58	4.68	121.31	25.32	1.47	70.88	
19/09/2024 23:35	21.33														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/09/2024 01:15	21.66	3.42	88.22	10.63	18.82	1.26	50.53	10.65	29.3	4.63	119.36	25.53	1.71	68.55	
20/09/2024 01:20	21.33	3.16	87.25	10.62	19.35	1.94	50.2	10.66	28.85	4.27	118	26.27	2.64	68.14	
20/09/2024 01:25	21.73	3.59	89.71	10.63	19.45	1.84	51.79	10.66	29.42	4.86	121.42	26.4	2.5	70.28	
20/09/2024 01:30	21.84	3.67	90.05	10.63	18.71	1.22	51.14	10.66	29.57	4.97	121.89	25.39	1.65	69.39	
20/09/2024 01:35	21.28	3.15	88.29	10.62	19.06	1.36	51.86	10.65	28.78	4.26	119.4	25.85	1.85	70.34	
20/09/2024 01:40	21.74	3.56	89.36	10.63	19.35	1.61	53.2	10.65	29.42	4.82	120.91	26.25	2.18	72.16	
20/09/2024 01:45	21.78	3.53	89.27	10.63	18.51	1.18	51.61	10.65	29.47	4.78	120.78	25.11	1.6	70.02	
20/09/2024 01:50	21.34	3.13	87.18	10.62	18.51	1.39	52.04	10.65	28.85	4.23	117.9	25.11	1.89	70.6	
20/09/2024 01:55	21.83	3.54	88.38	10.63	18.87	1.44	53.99	10.65	29.54	4.79	119.61	25.6	1.96	73.23	
20/09/2024 02:00	21.84	3.52	88.48	10.63	18.77	1.43	51.24	10.65	29.57	4.76	119.77	25.46	1.95	69.52	
20/09/2024 02:05	21.3	3.1	86.57	10.62	18.25	0.94	50.97	10.65	28.8	4.19	117.07	24.75	1.27	69.13	
20/09/2024 02:10	21.84	3.53	87.65	10.63	18.67	1.21	52.29	10.65	29.56	4.77	118.62	25.32	1.64	70.92	
20/09/2024 02:15	21.88	3.52	87.55	10.63	18.58	1.37	51.7	10.65	29.6	4.76	118.47	25.2	1.86	70.11	
20/09/2024 02:20	21.41	3.26	87.53	10.62	19.94	2.11	51.32	10.65	28.93	4.4	118.29	27.03	2.86	69.6	
20/09/2024 02:25	21.69	3.52	88.64	10.62	19.8	1.9	52.75	10.65	29.33	4.76	119.89	26.84	2.58	71.52	
20/09/2024 02:30	21.61	3.52	88.81	10.62	18.48	1.22	51.75	10.65	29.23	4.76	120.13	25.06	1.66	70.18	
20/09/2024 02:35	21.29	3.19	86.33	10.62	19.25	1.66	51.31	10.65	28.79	4.31	116.72	26.1	2.25	69.58	
20/09/2024 02:40	21.66	3.48	87.8	10.62	19.28	1.51	52.53	10.65	29.29	4.71	118.75	26.13	2.05	71.21	
20/09/2024 02:45	21.78	3.52	87.47	10.62	18.57	1.35	50.9	10.65	29.46	4.76	118.29	25.18	1.83	69	
20/09/2024 02:50	21.16	3.08	85.39	10.62	18.79	1.35	51.07	10.65	28.61	4.17	115.42	25.48	1.83	69.25	
20/09/2024 02:55	21.69	3.48	87.67	10.62	19.12	1.54	52.61	10.65	29.34	4.71	118.57	25.92	2.09	71.33	
20/09/2024 03:00	21.89	3.53	88.16	10.62	18.61	1.43	51.06	10.65	29.6	4.78	119.22	25.23	1.95	69.25	
20/09/2024 03:05	21.12	3.12	86.62	10.62	18.43	1.21	51.29	10.65	28.55	4.22	117.11	24.99	1.65	69.55	
20/09/2024 03:10	21.59	3.48	88.06	10.63	18.72	1.31	52.44	10.65	29.2	4.71	119.13	25.38	1.77	71.09	
20/09/2024 03:15	21.45	3.49	88.48	10.63	18.46	1.3	50.67	10.65	29.02	4.72	119.7	25.05	1.77	68.74	
20/09/2024 03:20	21.24	3.12	86.79	10.62	18.22	1.11	51.38	10.66	28.71	4.22	117.32	24.72	1.5	69.72	
20/09/2024 03:25	21.7	3.51	87.22	10.62	18.77	1.39	52.77	10.65	29.36	4.75	117.99	25.46	1.88	71.58	
20/09/2024 03:30	21.75	3.52	86.64	10.63	18.28	1.16	49.54	10.65	29.43	4.76	117.24	24.79	1.58	67.19	
20/09/2024 03:35	21.22	3.11	85.47	10.62	18.27	1.31	50.43	10.65	28.68	4.2	115.52	24.77	1.77	68.38	
20/09/2024 03:40	21.59	3.54	86.8	10.63	18.76	1.46	51.8	10.65	29.21	4.79	117.43	25.44	1.98	70.23	
20/09/2024 03:45	21.52	3.52	86.67	10.63	18.33	1.16	49.55	10.65	29.12	4.76	117.29	24.86	1.57	67.19	
20/09/2024 03:50	21.41	3.14	84.52	10.62	19.03	1.84	49.72	10.65	28.94	4.25	114.25	25.81	2.49	67.44	
20/09/2024 03:55	21.78	3.55	87.15	10.63	19.28	1.83	52.11	10.65	29.47	4.81	117.93	26.15	2.48	70.67	
20/09/2024 04:00	21.73	3.52	87.28	10.63	18.75	1.45	50.44	10.65	29.41	4.76	118.11	25.44	1.96	68.43	
20/09/2024 04:05	21.28	3.16	86.24	10.62	18.72	1.39	49.54	10.65	28.79	4.28	116.64	25.4	1.88	67.21	
20/09/2024 04:10	21.8	3.54	87.18	10.63	19.09	1.52	51.17	10.65	29.5	4.79	118	25.9	2.07	69.4	
20/09/2024 04:15	21.81	3.52	87.3	10.63	18.8	1.33	49.15	10.65	29.52	4.76	118.13	25.5	1.8	66.66	
20/09/2024 04:20	21.54	3.22	84.73	10.62	18.98	1.64	48.47	10.65	29.13	4.35	114.54	25.75	2.22	65.73	
20/09/2024 04:25	21.98	3.48	86.94	10.62	19.1	1.61	49.91	10.65	29.73	4.71	117.57	25.9	2.19	67.66	
20/09/2024 04:30	22.06	3.49	87.66	10.62	18.63	1.31	48.23	10.64	29.83	4.71	118.53	25.25	1.78	65.37	
20/09/2024 04:35	21.44	3.19	85.48	10.61	19.04	1.64	48.34	10.64	28.97	4.31	115.52	25.8	2.22	65.52	
20/09/2024 04:40	21.82	3.55	87.66	10.62	19.11	1.56	49.74	10.64	29.5	4.8	118.51	25.89	2.11	67.39	
20/09/2024 04:45	21.88	3.58	87.91	10.62	18.49	1.35	47.86	10.64	29.57	4.84	118.85	25.04	1.83	64.83	
20/09/2024 04:50	21.24	3.07	84.22	10.61	18.93	1.5	47.15	10.64	28.69	4.15	113.73	25.64	2.04	63.87	
20/09/2024 04:55	21.91	3.47	86.29	10.61	19.39	1.63	50.01	10.64	29.6	4.69	116.59	26.26	2.21	67.74	
20/09/2024 05:00	22.02	3.5	86.84	10.62	18.92	1.43	50.33	10.65	29.76	4.73	117.38	25.65	1.94	68.23	
20/09/2024 05:05	21.48	3.16	84.71	10.62	19.2	1.63	50.37	10.65	29.04	4.28	114.53	26.04	2.21	68.3	
20/09/2024 05:10	21.79	3.57	86.45	10.63	19.48	1.8	51.49	10.65	29.48	4.83	116.96	26.42	2.43	69.81	
20/09/2024 05:15	21.67	3.58	86.48	10.63	18.54	1.18	47.4	10.65	29.33	4.84	117.03	25.14	1.6	64.28	
20/09/2024 05:20	21.39	3.18	85.04	10.62	19.07	1.66	48.34	10.65	28.91	4.3	114.96	25.86	2.25	65.56	
20/09/2024 05:25	21.96	3.56	86.75	10.62	19.27	1.63	49.37	10.65	29.69	4.82	117.31	26.13	2.21	66.94	
20/09/2024 05:30	21.92	3.56	86.48	10.62	18.75	1.26	48.77	10.65	29.65	4.82	116.98	25.42	1.71	66.12	
20/09/2024 05:35	21.46	3.22	85.58	10.62	19.08	1.54	49.2	10.65	29.01	4.35	115.66	25.87	2.08	66.7	
20/09/2024 05:40	21.92	3.62	87.53	10.62	19.31	1.7	51.64	10.65	29.64	4.9	118.38	26.19	2.3	70.01	
20/09/2024 05:45	21.91	3.6	87.77	10.62	18.68	1.33	50.25	10.65	29.63	4.86	118.69	25.33	1.8	68.13	
20/09/2024 05:50	21.36	3.25	86.49	10.62	18.8	1.38	49.67	10.65	28.89	4.39	116.96	25.5	1.86	67.36	
20/09/2024 05:55	21.95	3.6	87.29	10.63	19.04	1.43	50.58	10.65	29.7	4.87	118.1	25.82	1.94	68.57	
20/09/2024 06:00	22.08	3.6	86.8	10.63	18.55	1.41	49.99	10.65	29.87	4.86	117.44	25.16	1.92	67.82	
20/09/2024 06:05	21.46	3.32	87.47	10.62	19.38	1.71	50.16	10.65	29.03	4.49	118.32	26.29	2.32	68.03	
20/09/2024 06:10	21.86	3.68	89.18	10.62	19.35	1.69	51.15	10.65	29.57	4.97	120.62	26.23	2.29	69.35	
20/09/2024 06:15	21.91	3.7	89.34	10.62	18.62	1.48	49.8	10.65	29.63	5.01	120.83	25.25	2.01	67.53	
20/09/2024 06:20	21.34	3.3	87.05	10.62	18.91	1.73	49.29	10.65	28.85	4.46	117.69	25.64	2.35	66.84	
20/09/2024 06:25	21.73	3.76	89.66	10.62	19.11	1.69	51.08	10.65	29.39	5.09	121.26	25.9	2.29	69.25	
20/09/2024 06:30	21.73	3.83	90.03	10.62	18.56	1.33	50.73	10.65	29.4	5.18	121.78	25.16	1.81	68.78	
20/09/2024 06:35	21.3	3.37	87.59	10.62	19.41	2.04	51.29	10.65	28.79	4.56	118.4	26.32	2.77	69.55	
20/09/2024 06:40	21.9	3.77	89.08	10.62	19.49	1.89	52.72	10.65	29.62	5.1	120.46	26.42	2.57	71.46	
20/09/2024 06:45	21.89	3.78	89.17	10.62	18.72	1.36	49.54	10.64	29.6	5.12	120.59	25.37	1.84	67.14	
20/09/2024 06:50	21.41	3.37	87.49	10.62	18.92	1.62	50.5	10.64	28.95	4.56	118.27	25.64	2.2	68.43	
20/09/2024 06:55	21.82	3.64	88.53	10.63	19.14	1.64	51.49	10.64	29.51	4.92	119.76	25.94	2.22	69.78	
20/09/2024 07:00	21.77	3.67	88.48	10.63	18.64	1.3	49.3	10.65	29.45	4.97	119.74	25.27	1.77	66.83	
20/09/2024 07:05	21.32	3.27	86.16	10.62	19.04	1.7	49.3	10.65	28.82	4.43	116.48	25.81	2.31	66.84	
20/09/2024 07:10	21.85	3.69	87.63	10.62	19.27	1.79	50.64	10.65	29.55	4.99	118.49	26.12	2.43	68.65	
20/09/2024 07:15	21.81	3.7	87.69	10.62	18.74	1.37	48.92	10.65	29.5	5.01	118.59	25.41	1.85	66.31	
20/09/2024 07															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/09/2024 09:00	22.3	3.24	86.06	10.61	18.95	1.01	48.01	10.63	30.13	4.37	116.3	25.64	1.37	64.96	
20/09/2024 09:05	21.73	2.84	84.25	10.61	19.05	1.26	47.9	10.63	29.34	3.84	113.77	25.79	1.71	64.82	
20/09/2024 09:10	22.05	3.21	85.88	10.61	19.19	1.21	50.32	10.63	29.78	4.34	115.99	25.97	1.64	68.1	
20/09/2024 09:15	21.94	3.22	85.78	10.61	18.85	0.94	48.1	10.63	29.64	4.35	115.89	25.52	1.27	65.12	
20/09/2024 09:20	21.62	2.84	83.89	10.61	19.61	1.24	48.57	10.63	29.2	3.83	113.3	26.55	1.68	65.76	
20/09/2024 09:25	22.13	3.17	85.25	10.61	19.9	1.4	49.32	10.64	29.91	4.28	115.19	26.95	1.9	66.78	
20/09/2024 09:30	22.2	3.13	84.67	10.61	18.96	0.93	48.19	10.64	30	4.23	114.42	25.68	1.25	65.28	
20/09/2024 09:35	21.61	2.81	83.15	10.61	19.01	0.84	48.3	10.64	29.2	3.79	112.35	25.74	1.14	65.41	
20/09/2024 09:40	22.05	3.25	85.98	10.62	19.24	0.91	49.65	10.64	29.82	4.39	116.29	26.05	1.23	67.24	
20/09/2024 09:45	22.05	3.27	85.92	10.62	18.9	0.95	48.48	10.64	29.82	4.42	116.22	25.6	1.29	65.68	
20/09/2024 09:50	21.66	2.8	84.47	10.62	19.23	0.91	47.96	10.64	29.28	3.78	114.19	26.05	1.23	64.97	
20/09/2024 09:55	22.05	3.15	85.22	10.62	19.34	0.93	50.18	10.64	29.82	4.26	115.26	26.2	1.26	67.97	
20/09/2024 10:00	22	3.14	84.72	10.63	18.98	0.9	47.68	10.64	29.77	4.25	114.62	25.72	1.22	64.6	
20/09/2024 10:05	21.77	2.86	83.84	10.62	19.75	1.8	48.47	10.65	29.44	3.87	113.36	26.78	2.44	65.72	
20/09/2024 10:10	22.06	3.04	84.63	10.62	19.77	1.56	50.3	10.65	29.84	4.12	114.48	26.8	2.11	68.18	
20/09/2024 10:15	21.94	3.06	84.36	10.63	19.01	1	48.01	10.65	29.68	4.15	114.14	25.77	1.36	65.09	
20/09/2024 10:20	21.62	2.74	82.09	10.62	19.44	0.96	47.93	10.65	29.24	3.7	111.05	26.35	1.3	64.97	
20/09/2024 10:25	22.15	3.07	84.24	10.63	19.42	0.86	49.14	10.65	29.96	4.15	113.98	26.33	1.16	66.6	
20/09/2024 10:30	22.08	3.1	84.95	10.63	19.02	0.88	46.97	10.65	29.88	4.19	114.96	25.78	1.2	63.67	
20/09/2024 10:35	21.66	2.75	83.79	10.62	19.66	1.3	47.15	10.65	29.3	3.72	113.35	26.65	1.76	63.91	
20/09/2024 10:40	22.25	3.16	86.3	10.63	19.77	1.28	49.19	10.65	30.12	4.27	116.8	26.8	1.73	66.68	
20/09/2024 10:45	22.44	3.25	86.77	10.63	19	0.94	47.97	10.65	30.37	4.4	117.45	25.77	1.27	65.04	
20/09/2024 10:50	21.64	2.77	85.16	10.63	18.71	0.74	48.39	10.65	29.27	3.75	115.2	25.36	1.01	65.6	
20/09/2024 10:55	22.04	3.16	86.37	10.63	19.3	1.07	49.96	10.65	29.82	4.27	116.84	26.16	1.45	67.73	
20/09/2024 11:00	22.02	3.2	86.14	10.63	18.86	0.84	47.87	10.64	29.78	4.34	116.53	25.56	1.14	64.88	
20/09/2024 11:05	21.45	2.71	85.12	10.62	18.81	0.82	47.52	10.64	29.01	3.66	115.1	25.49	1.12	64.39	
20/09/2024 11:10	22.14	3.19	87.24	10.63	19.33	1.09	49.26	10.65	29.96	4.31	118.07	26.2	1.47	66.77	
20/09/2024 11:15	22.17	3.2	87.16	10.63	18.79	0.84	49.24	10.65	30.02	4.34	117.99	25.49	1.14	66.78	
20/09/2024 11:20	21.47	2.67	85.4	10.63	19.42	1.3	49.51	10.66	29.05	3.61	115.53	26.36	1.76	67.19	
20/09/2024 11:25	22.07	3.19	86.9	10.63	19.48	1.2	51.01	10.65	29.87	4.31	117.61	26.42	1.63	69.18	
20/09/2024 11:30	22.17	3.2	86.45	10.63	18.58	0.81	49.26	10.65	30.01	4.34	117.01	25.19	1.09	66.79	
20/09/2024 11:35	21.52	2.81	86.52	10.63	19.37	1.39	49.06	10.65	29.11	3.8	117.04	26.27	1.88	66.53	
20/09/2024 11:40	21.99	3.19	87.36	10.63	19.66	1.42	50.92	10.65	29.77	4.33	118.28	26.66	1.93	69.06	
20/09/2024 11:45	22.13	3.19	86.91	10.63	19	0.97	48.91	10.65	29.95	4.32	117.66	25.78	1.31	66.34	
20/09/2024 11:50	21.49	2.7	85.16	10.63	19.2	0.86	49	10.65	29.08	3.65	115.24	26.04	1.17	66.45	
20/09/2024 11:55	21.99	3.12	86.49	10.63	19.31	0.97	50.05	10.65	29.75	4.22	117.02	26.18	1.32	67.86	
20/09/2024 12:00	21.86	3.17	86.92	10.62	18.64	0.95	48.47	10.64	29.57	4.29	117.57	25.27	1.28	65.68	
20/09/2024 12:05	21.59	2.82	84.04	10.62	19.45	1.39	49.01	10.65	29.2	3.82	113.67	26.38	1.89	66.46	
20/09/2024 12:10	22.02	3.17	85.09	10.64	19.51	1.28	49.88	10.65	29.82	4.3	115.26	26.47	1.74	67.65	
20/09/2024 12:15	21.86	3.14	84.64	10.64	18.72	0.99	47.7	10.65	29.61	4.26	114.66	25.4	1.35	64.71	
20/09/2024 12:20	21.47	2.8	84.36	10.64	19.44	0.94	48.16	10.66	29.08	3.8	114.25	26.38	1.28	65.35	
20/09/2024 12:25	22.03	3.23	85.37	10.65	19.33	0.91	49.61	10.66	29.87	4.37	115.76	26.23	1.23	67.34	
20/09/2024 12:30	22.14	3.25	85.16	10.65	18.68	0.9	48.47	10.67	30.03	4.41	115.52	25.38	1.23	65.85	
20/09/2024 12:35	21.5	2.87	83.6	10.65	18.84	1.26	48.54	10.67	29.16	3.89	113.4	25.6	1.71	65.96	
20/09/2024 12:40	22.11	3.2	86.31	10.66	19.22	1.33	50.29	10.68	30.01	4.34	117.14	26.14	1.81	68.36	
20/09/2024 12:45	22.31	3.16	85.84	10.66	18.81	0.91	49.05	10.68	30.28	4.29	116.5	25.59	1.23	66.7	
20/09/2024 12:50	21.38	2.92	85.95	10.66	18.82	1.12	48.35	10.68	29.02	3.96	116.64	25.6	1.52	65.75	
20/09/2024 12:55	21.86	3.26	88.04	10.66	19.02	1.08	50.69	10.68	29.68	4.43	119.53	25.87	1.47	68.93	
20/09/2024 13:00	21.77	3.24	87.75	10.66	18.58	0.76	49.65	10.67	29.55	4.39	119.12	25.26	1.03	67.49	
20/09/2024 13:05	21.28	2.86	85.85	10.65	19.29	1.43	49.58	10.67	28.86	3.88	116.42	26.22	1.95	67.38	
20/09/2024 13:10	21.78	3.33	87.54	10.66	19.2	1.21	50.56	10.67	29.56	4.52	118.82	26.09	1.65	68.71	
20/09/2024 13:15	21.55	3.3	87.31	10.66	18.63	1	50.19	10.68	29.25	4.48	118.53	25.34	1.36	68.29	
20/09/2024 13:20	21.14	2.79	85.74	10.66	18.95	0.98	49.94	10.69	28.7	3.79	116.41	25.79	1.34	67.96	
20/09/2024 13:25	21.81	3.34	88.04	10.67	19.39	1.21	50.99	10.69	29.63	4.54	119.62	26.39	1.65	69.4	
20/09/2024 13:30	21.69	3.39	89.75	10.67	18.9	1.11	49.87	10.69	29.47	4.61	121.95	25.74	1.52	67.91	
20/09/2024 13:35	21.3	2.89	85.26	10.67	19.14	0.82	49.89	10.69	28.94	3.92	115.84	26.05	1.12	67.92	
20/09/2024 13:40	21.74	3.31	87.05	10.68	19.28	0.9	51.18	10.69	29.57	4.5	118.38	26.25	1.23	69.69	
20/09/2024 13:45	21.7	3.35	86.48	10.68	18.78	0.94	50.03	10.7	29.52	4.55	117.62	25.59	1.28	68.14	
20/09/2024 13:50	21.34	2.89	85.81	10.67	19.89	1.77	50.47	10.7	29.01	3.93	116.61	27.1	2.42	68.79	
20/09/2024 13:55	22.04	3.32	87.81	10.68	19.65	1.41	51.88	10.7	29.98	4.52	119.43	26.78	1.92	70.69	
20/09/2024 14:00	22.09	3.35	88.25	10.68	18.73	0.95	50.16	10.7	30.05	4.55	120.04	25.53	1.3	68.37	
20/09/2024 14:05	21.45	2.91	86.86	10.68	19.76	1.94	51.2	10.71	29.17	3.96	118.09	26.94	2.64	69.82	
20/09/2024 14:10	22.03	3.31	88.31	10.68	19.86	1.76	52.49	10.7	29.96	4.5	120.1	27.07	2.4	71.54	
20/09/2024 14:15	22.38	3.3	87.91	10.68	18.71	0.95	50.52	10.7	30.44	4.49	119.59	25.49	1.3	68.83	
20/09/2024 14:20	21.4	2.69	86.31	10.67	18.76	0.48	50.37	10.69	29.09	3.65	117.29	25.54	0.65	68.57	
20/09/2024 14:25	21.81	3.2	87.84	10.67	18.99	0.64	51.63	10.69	29.65	4.35	119.41	25.85	0.87	70.28	
20/09/2024 14:30	21.83	3.2	87.41	10.67	18.24	0.61	50.43	10.69	29.67	4.36	118.8	24.83	0.83	68.65	
20/09/2024 14:35	21.39	2.81	86.22	10.67	18.9	1.35	50.48	10.69	29.06	3.82	117.1	25.74	1.83	68.74	
20/09/2024 14:40	22	3.26	88.17	10.67	19.03	1.18	51.31	10.69	29.91	4.43	119.85	25.91	1.6	69.85	
20/09/2024 14:45	22.27	3.31	87.83	10.68	18.42	0.66	49.75	10.69	30.27	4.51	119.39	25.08	0.9	67.73	
20/09/2024 14:50	21.07	2.66	86.82	10.66	18.82	0.76	50.16	10.69	28.62	3.61	117.9	25.61	1.03	68.28	
20/09/2024 14:55	21.77	3.21	88.59	10.67	19.13	0.99	51.3	10.69	29.56	4.36	120.33	26.03	1.35	69.82	
20/09/2024 15:00	21.88	3.2	88.44	10.67	18.52	0.75	50.07	10.69	29.71	4.35	120.11	25.21	1.03	68.14	
20/09/2024 15:05	21.33	2.8													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/09/2024 16:45	21.84	3.27	90.83	10.66	18.85	0.93	50.36	10.68	29.66	4.44	123.34	25.64	1.27	68.51	
20/09/2024 16:50	21.38	2.82	87.75	10.66	19.75	1.62	50.41	10.69	29.01	3.82	119.07	26.88	2.21	68.6	
20/09/2024 16:55	21.71	3.17	88.78	10.66	19.5	1.35	51.34	10.68	29.46	4.31	120.52	26.52	1.83	69.84	
20/09/2024 17:00	21.61	3.22	89.17	10.66	18.43	0.78	50.15	10.68	29.34	4.37	121.05	25.05	1.06	68.18	
20/09/2024 17:05	21.25	2.96	87.69	10.65	19.81	1.83	51.06	10.68	28.82	4.01	118.93	26.96	2.49	69.47	
20/09/2024 17:10	21.82	2.76	79.63	10.63	19.77	1.66	51.98	10.68	29.54	3.73	107.78	26.89	2.26	70.69	
20/09/2024 17:15	21.73	2.74	78.7	10.63	18.91	1.14	50.32	10.68	29.42	3.7	106.55	25.71	1.56	68.42	
20/09/2024 17:20	21.38	2.41	77.7	10.62	19.26	1.04	49.73	10.67	28.9	3.25	105.04	26.17	1.41	67.57	
20/09/2024 17:25	22.06	2.78	80.29	10.62	19.49	1.17	51.28	10.67	29.83	3.76	108.57	26.47	1.58	69.65	
20/09/2024 17:30	22.22	2.78	80.69	10.62	18.57	0.76	49.85	10.67	30.04	3.76	109.1	25.23	1.04	67.73	
20/09/2024 17:35	21.34	2.62	84.38	10.64	18.88	1.21	49.35	10.67	28.92	3.55	114.33	25.65	1.64	67.04	
20/09/2024 17:40	21.87	3.31	88.01	10.65	19.02	1.11	49.79	10.66	29.66	4.48	119.39	25.82	1.5	67.59	
20/09/2024 17:45	21.77	3.44	88.38	10.65	18.32	0.68	45.24	10.64	29.53	4.67	119.9	24.83	0.92	61.31	
20/09/2024 17:50	21.46	2.95	86.66	10.64	19.2	1.5	46.05	10.65	29.08	4	117.42	26.02	2.04	62.43	
20/09/2024 17:55	22.05	3.3	89.32	10.64	19.47	1.41	47.39	10.65	29.89	4.47	121.06	26.39	1.92	64.24	
20/09/2024 18:00	22.2	3.31	89.16	10.65	18.8	0.66	45.26	10.63	30.1	4.49	120.85	25.46	0.9	61.28	
20/09/2024 18:05	21.62	2.94	88.19	10.63	18.79	0.6	45.46	10.63	29.27	3.98	119.39	25.43	0.82	61.54	
20/09/2024 18:10	22.13	3.32	90.17	10.63	19.22	0.84	48.27	10.64	29.96	4.49	122.1	26.04	1.14	65.39	
20/09/2024 18:15	22.02	3.31	90.17	10.63	18.84	1	49.9	10.65	29.81	4.49	122.08	25.55	1.36	67.67	
20/09/2024 18:20	21.68	3	88.61	10.62	19.21	1.32	50.9	10.65	29.32	4.06	119.84	26.05	1.79	69.02	
20/09/2024 18:25	22.25	3.39	90.44	10.63	19.54	1.36	52.52	10.65	30.1	4.58	122.35	26.49	1.85	71.19	
20/09/2024 18:30	22.33	3.42	90.75	10.63	19	1.02	50.1	10.64	30.21	4.63	122.77	25.74	1.38	67.9	
20/09/2024 18:35	21.81	3.03	88.16	10.62	19.32	1.28	49.09	10.64	29.49	4.09	119.16	26.17	1.73	66.51	
20/09/2024 18:40	22.25	3.38	90.49	10.62	19.55	1.31	50.63	10.64	30.08	4.57	122.35	26.48	1.77	68.58	
20/09/2024 18:45	22.23	3.44	90.78	10.62	19.09	1.01	49.94	10.63	30.06	4.65	122.75	25.84	1.37	67.63	
20/09/2024 18:50	21.86	2.97	88.94	10.61	19.41	1.35	49.53	10.63	29.53	4.02	120.14	26.28	1.83	67.04	
20/09/2024 18:55	22.33	3.36	91.03	10.61	19.73	1.4	51.15	10.63	30.16	4.53	122.97	26.7	1.9	69.23	
20/09/2024 19:00	22.38	3.36	91.17	10.61	19.29	1.1	49.74	10.63	30.23	4.54	123.17	26.11	1.48	67.32	
20/09/2024 19:05	21.84	3	89.17	10.6	19.67	1.26	49.31	10.63	29.48	4.04	120.33	26.61	1.7	66.7	
20/09/2024 19:10	22.34	3.38	90.28	10.6	19.91	1.36	50.98	10.62	30.15	4.56	121.86	26.93	1.83	68.95	
20/09/2024 19:15	22.63	3.42	90.53	10.6	19.25	1.06	49.67	10.62	30.54	4.62	122.19	26.02	1.44	67.14	
20/09/2024 19:20	21.76	3.05	88.61	10.59	19.53	1.42	49.74	10.61	29.35	4.12	119.49	26.4	1.92	67.22	
20/09/2024 19:25	22.37	3.37	90.56	10.6	19.81	1.45	51.69	10.61	30.18	4.54	122.16	26.77	1.97	69.84	
20/09/2024 19:30	22.53	3.39	90.56	10.6	19.28	1.14	50.12	10.61	30.39	4.58	122.16	26.04	1.54	67.7	
20/09/2024 19:35	21.98	3.1	89.01	10.59	19.68	1.47	50.55	10.61	29.62	4.17	119.96	26.58	1.99	68.29	
20/09/2024 19:40	22.29	3.45	90.97	10.59	19.88	1.5	51.61	10.61	30.04	4.65	122.63	26.85	2.02	69.7	
20/09/2024 19:45	22.28	3.5	91.36	10.59	19.18	1.18	49.88	10.6	30.04	4.72	123.16	25.89	1.6	67.34	
20/09/2024 19:50	21.78	3.12	88.62	10.58	19.35	1.53	50.96	10.61	29.34	4.2	119.37	26.13	2.06	68.81	
20/09/2024 19:55	22.34	3.59	91.15	10.58	19.61	1.52	52.31	10.61	30.11	4.83	122.82	26.48	2.05	70.63	
20/09/2024 20:00	22.34	3.64	91.44	10.59	19.16	1.19	49.43	10.6	30.11	4.91	123.23	25.87	1.6	66.74	
20/09/2024 20:05	21.75	3.22	89.96	10.58	19.27	1.37	50.14	10.6	29.29	4.33	121.16	26.01	1.85	67.69	
20/09/2024 20:10	22.35	3.63	91.38	10.59	19.52	1.43	52.77	10.6	30.12	4.89	123.18	26.35	1.92	71.25	
20/09/2024 20:15	22.45	3.66	91.53	10.59	19.08	1.21	50.21	10.6	30.27	4.93	123.39	25.76	1.63	67.79	
20/09/2024 20:20	21.86	3.33	89	10.58	19.39	1.62	50.17	10.6	29.44	4.48	119.86	26.17	2.19	67.71	
20/09/2024 20:25	22.26	3.69	91.95	10.58	19.54	1.61	51.62	10.6	29.99	4.98	123.89	26.38	2.17	69.66	
20/09/2024 20:30	22.3	3.8	92.64	10.58	19.03	1.29	50.04	10.6	30.04	5.12	124.81	25.68	1.74	67.54	
20/09/2024 20:35	21.8	3.31	89.75	10.58	19.41	1.6	49.71	10.6	29.36	4.46	120.85	26.19	2.16	67.08	
20/09/2024 20:40	22.17	3.65	91.22	10.58	19.54	1.56	51.41	10.6	29.87	4.92	122.91	26.38	2.11	69.38	
20/09/2024 20:45	21.95	3.7	91.45	10.59	19.01	1.25	49.78	10.6	29.59	4.99	123.25	25.66	1.69	67.2	
20/09/2024 20:50	21.71	3.27	89.79	10.58	19.31	1.37	50.42	10.61	29.25	4.4	120.95	26.08	1.85	68.08	
20/09/2024 20:55	22.29	3.68	91.26	10.58	19.58	1.46	51.6	10.6	30.02	4.95	122.92	26.43	1.97	69.65	
20/09/2024 21:00	22.23	3.7	90.61	10.58	18.94	1.13	49.29	10.6	29.95	4.99	122.06	25.55	1.53	66.52	
20/09/2024 21:05	21.79	3.36	89.02	10.57	18.96	1.53	50.01	10.6	29.33	4.52	119.83	25.59	2.06	67.51	
20/09/2024 21:10	22.43	3.77	91.45	10.58	19.41	1.6	51.93	10.6	30.19	5.08	123.13	26.19	2.16	70.07	
20/09/2024 21:15	22.63	3.81	91.47	10.58	18.98	1.28	49.81	10.6	30.46	5.14	123.14	25.62	1.73	67.22	
20/09/2024 21:20	21.76	3.37	89.95	10.57	19.24	1.53	50.77	10.6	29.28	4.53	121.05	25.96	2.07	68.52	
20/09/2024 21:25	22.35	3.77	91.55	10.58	19.44	1.55	51.55	10.6	30.09	5.08	123.29	26.24	2.09	69.56	
20/09/2024 21:30	22.52	3.74	91.2	10.58	19.1	1.4	49.18	10.6	30.33	5.03	122.86	25.78	1.89	66.35	
20/09/2024 21:35	21.78	3.37	87.79	10.58	19.14	1.58	48.67	10.6	29.33	4.55	118.24	25.82	2.13	65.68	
20/09/2024 21:40	22.39	3.7	90.52	10.59	19.47	1.63	50.83	10.6	30.18	4.99	122.01	26.27	2.2	68.6	
20/09/2024 21:45	22.39	3.74	91.16	10.59	19.02	1.36	49.94	10.6	30.18	5.04	122.89	25.67	1.84	67.41	
20/09/2024 21:50	21.83	3.39	88.4	10.58	19.62	1.68	49.59	10.6	29.4	4.56	119.05	26.47	2.27	66.92	
20/09/2024 21:55	22.16	3.59	88.99	10.58	19.78	1.67	51.05	10.6	29.86	4.84	119.89	26.69	2.25	68.88	
20/09/2024 22:00	22.23	3.6	88.63	10.58	19.09	1.38	48.42	10.6	29.95	4.84	119.38	25.77	1.87	65.36	
20/09/2024 22:05	21.89	3.27	87.85	10.58	19.53	1.59	47.62	10.6	29.47	4.41	118.29	26.36	2.15	64.27	
20/09/2024 22:10	22.15	3.77	90.77	10.58	19.6	1.64	49.31	10.6	29.84	5.08	122.29	26.46	2.22	66.56	
20/09/2024 22:15	21.98	3.8	90.89	10.59	19.06	1.42	49.18	10.6	29.63	5.12	122.51	25.73	1.92	66.4	
20/09/2024 22:20	21.83	3.32	87.74	10.58	19.47	1.67	49.55	10.6	29.39	4.47	118.13	26.28	2.26	66.88	
20/09/2024 22:25	22.25	3.76	89.59	10.58	19.79	1.79	51.19	10.6	29.99	5.06	120.72	26.72	2.42	69.1	
20/09/2024 22:30	22.38	3.78	89.45	10.59	18.94	1.33	49.01	10.6	30.15	5.1	120.55	25.57	1.79	66.15	
20/09/2024 22:35	21.68	3.37	87.27	10.58	19.4	1.65	48.86	10.6	29.21	4.53	117.55	26.18	2.23	65.96	
20/09/2024 22:40	22.11	3.73	88.94	10.59	19.61	1.67	50.06	10.61	29.81	5.03	119.93	26.48	2.26	67.59	
20/09/2024 22:45	22.02	3.78	89.22	10.59	18.97	1.42	48.37	10.61	29.69	5.1	120.31	25.64	1.91	65.36	
20/09/2															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/09/2024 00:30	22.08	3.96	90.64	10.59	18.9	1.68	50.22	10.61	29.77	5.33	122.21	25.52	2.26	67.83	
21/09/2024 00:35	21.64	3.66	88.16	10.58	19.2	1.93	49.14	10.61	29.15	4.94	118.77	25.93	2.6	66.36	
21/09/2024 00:40	21.9	4.02	91.33	10.59	19.48	2	52.09	10.61	29.52	5.42	123.11	26.3	2.71	70.33	
21/09/2024 00:45	21.84	4.06	91.44	10.59	18.9	1.66	50.42	10.61	29.45	5.48	123.28	25.54	2.25	68.12	
21/09/2024 00:50	21.37	3.63	89.79	10.59	19.3	1.88	51.65	10.61	28.8	4.89	121.01	26.07	2.54	69.76	
21/09/2024 00:55	21.87	4.02	91.74	10.59	19.45	1.91	52.99	10.61	29.49	5.42	123.72	26.28	2.58	71.59	
21/09/2024 01:00	21.77	3.94	91.5	10.59	18.69	1.72	51.65	10.61	29.35	5.31	123.37	25.25	2.32	69.79	
21/09/2024 01:05	21.41	3.67	90.03	10.59	18.84	1.99	52.68	10.61	28.86	4.94	121.34	25.45	2.69	71.19	
21/09/2024 01:10	21.95	4.01	90.9	10.59	19.22	1.99	53.51	10.61	29.6	5.41	122.59	25.97	2.69	72.3	
21/09/2024 01:15	22.05	3.99	90.47	10.6	18.52	1.51	50.86	10.61	29.74	5.38	122.03	25.02	2.04	68.71	
21/09/2024 01:20	21.6	3.71	88.16	10.59	18.88	1.87	50.7	10.61	29.12	5	118.82	25.5	2.53	68.49	
21/09/2024 01:25	21.97	3.99	90.64	10.59	19.12	1.88	51.99	10.61	29.62	5.38	122.23	25.83	2.54	70.23	
21/09/2024 01:30	22.06	3.99	90.58	10.59	18.78	1.63	50.28	10.61	29.75	5.38	122.14	25.36	2.2	67.92	
21/09/2024 01:35	21.36	3.63	89.1	10.59	19.2	1.93	50.62	10.61	28.79	4.89	120.1	25.94	2.6	68.4	
21/09/2024 01:40	22.01	4.06	90.49	10.59	19.34	1.91	51.5	10.61	29.68	5.48	122.04	26.13	2.57	69.59	
21/09/2024 01:45	22.02	4.05	90.44	10.6	18.67	1.59	49.59	10.61	29.7	5.46	121.99	25.21	2.15	66.98	
21/09/2024 01:50	21.53	3.57	87.22	10.59	19.09	1.98	49.67	10.61	29.02	4.81	117.56	25.8	2.67	67.12	
21/09/2024 01:55	22.05	3.89	88.68	10.59	19.26	1.95	50.72	10.61	29.72	5.25	119.55	26.02	2.63	68.52	
21/09/2024 02:00	22.25	3.91	89.08	10.59	18.71	1.59	49.63	10.61	29.99	5.27	120.08	25.27	2.15	67.03	
21/09/2024 02:05	21.51	3.6	87.7	10.58	19.02	1.97	50.15	10.6	28.97	4.84	118.11	25.68	2.66	67.7	
21/09/2024 02:10	21.74	4.01	90.59	10.59	19.2	1.94	51.8	10.6	29.3	5.41	122.08	25.92	2.61	69.93	
21/09/2024 02:15	21.63	4	90.31	10.58	18.65	1.67	51.11	10.6	29.14	5.39	121.69	25.18	2.26	69.01	
21/09/2024 02:20	21.48	3.69	89.84	10.58	19.2	1.99	51.51	10.61	28.93	4.97	121	25.92	2.69	69.55	
21/09/2024 02:25	21.92	4.1	91.56	10.58	19.42	1.98	53.17	10.6	29.53	5.53	123.36	26.22	2.68	71.78	
21/09/2024 02:30	22.06	4.19	91.84	10.58	18.62	1.67	51.77	10.6	29.72	5.64	123.74	25.13	2.25	69.87	
21/09/2024 02:35	21.46	3.81	90.35	10.58	18.83	2.03	52.41	10.6	28.91	5.14	121.69	25.41	2.73	70.74	
21/09/2024 02:40	21.97	4.1	91.53	10.58	19.02	1.99	53.5	10.6	29.61	5.52	123.33	25.67	2.69	72.22	
21/09/2024 02:45	22.2	4.05	90.83	10.58	18.61	1.74	51.55	10.61	29.91	5.45	122.37	25.13	2.35	69.6	
21/09/2024 02:50	21.47	3.69	89.68	10.58	19.08	1.92	50.68	10.6	28.91	4.97	120.77	25.76	2.59	68.41	
21/09/2024 02:55	21.9	4.14	91.7	10.59	19.19	1.91	52.26	10.6	29.51	5.58	123.57	25.91	2.58	70.55	
21/09/2024 03:00	21.75	4.1	91.45	10.59	18.33	1.53	51.43	10.6	29.32	5.52	123.29	24.74	2.07	69.41	
21/09/2024 03:05	21.49	3.75	89.4	10.58	19.24	1.85	50.72	10.6	28.94	5.05	120.37	25.96	2.49	68.43	
21/09/2024 03:10	21.96	4.05	90.84	10.58	19.31	1.89	52.31	10.6	29.58	5.45	122.37	26.05	2.55	70.57	
21/09/2024 03:15	21.98	4.06	90.83	10.58	18.62	1.73	51.23	10.6	29.62	5.48	122.37	25.13	2.33	69.15	
21/09/2024 03:20	21.49	3.69	89.67	10.58	19.27	1.94	50.84	10.6	28.94	4.97	120.76	26.01	2.61	68.61	
21/09/2024 03:25	21.9	4.09	90.89	10.58	19.45	1.97	52.39	10.6	29.52	5.51	122.47	26.25	2.65	70.71	
21/09/2024 03:30	21.88	4.14	90.86	10.59	18.62	1.68	50.81	10.6	29.48	5.58	122.45	25.13	2.27	68.58	
21/09/2024 03:35	21.43	3.68	88.49	10.58	18.71	1.93	50.12	10.6	28.85	4.95	119.15	25.25	2.6	67.63	
21/09/2024 03:40	22	4.04	90.33	10.58	19.02	2	52.64	10.6	29.64	5.44	121.7	25.68	2.69	71.04	
21/09/2024 03:45	22.11	4.06	90.61	10.58	18.53	1.74	51.35	10.61	29.79	5.48	122.09	25.02	2.35	69.34	
21/09/2024 03:50	21.46	3.74	89.92	10.58	18.98	1.99	51.35	10.6	28.91	5.04	121.12	25.62	2.68	69.32	
21/09/2024 03:55	22.02	4.1	91.38	10.58	19.12	1.93	52.88	10.6	29.66	5.52	123.12	25.8	2.6	71.37	
21/09/2024 04:00	22.25	4.13	91.88	10.58	18.63	1.72	51.35	10.6	29.98	5.56	123.78	25.14	2.32	69.29	
21/09/2024 04:05	21.53	3.68	89.45	10.58	18.67	1.99	51.71	10.6	28.99	4.95	120.43	25.21	2.68	69.8	
21/09/2024 04:10	21.98	4.25	92.55	10.58	18.82	1.89	53.18	10.6	29.62	5.73	124.71	25.41	2.56	71.78	
21/09/2024 04:15	22.05	4.35	92.83	10.59	18.52	1.76	52.62	10.61	29.72	5.86	125.12	25.01	2.38	71.05	
21/09/2024 04:20	21.41	3.84	90.25	10.58	19.02	2.11	53.09	10.6	28.84	5.18	121.54	25.68	2.85	71.67	
21/09/2024 04:25	21.83	4.22	92.37	10.59	19.23	2.12	54.66	10.61	29.42	5.69	124.49	25.97	2.86	73.8	
21/09/2024 04:30	21.84	4.31	92.8	10.59	18.54	1.73	52.03	10.61	29.45	5.82	125.1	25.04	2.34	70.25	
21/09/2024 04:35	21.39	3.82	90.52	10.58	19.19	2.07	52.76	10.6	28.81	5.15	121.91	25.89	2.8	71.19	
21/09/2024 04:40	21.87	4.15	92.3	10.58	19.16	2	53.65	10.6	29.46	5.58	124.35	25.86	2.7	72.4	
21/09/2024 04:45	21.91	4.1	91.75	10.58	18.47	1.73	52.36	10.6	29.51	5.52	123.59	24.93	2.33	70.67	
21/09/2024 04:50	21.46	3.71	89.45	10.58	18.62	1.96	51.27	10.6	28.9	5	120.46	25.13	2.64	69.21	
21/09/2024 04:55	22.11	4.09	91.45	10.58	18.87	1.92	52.72	10.6	29.78	5.51	123.19	25.48	2.6	71.18	
21/09/2024 05:00	22.06	4.16	91.72	10.58	18.52	1.64	51.96	10.61	29.72	5.6	123.57	25.01	2.21	70.16	
21/09/2024 05:05	21.46	3.77	90.23	10.58	19.18	2.03	51.19	10.61	28.92	5.08	121.56	25.89	2.74	69.12	
21/09/2024 05:10	21.93	4.15	92.4	10.59	19.44	2.12	54.24	10.6	29.56	5.59	124.52	26.24	2.87	73.22	
21/09/2024 05:15	22.17	4.17	92.83	10.59	18.7	1.8	52.06	10.61	29.88	5.63	125.1	25.25	2.43	70.29	
21/09/2024 05:20	21.58	3.83	90.58	10.58	19.07	2	52.13	10.6	29.06	5.15	121.96	25.73	2.7	70.36	
21/09/2024 05:25	21.94	4.25	92.82	10.58	19.22	2	54.33	10.6	29.56	5.73	125.06	25.94	2.69	73.33	
21/09/2024 05:30	21.91	4.28	92.81	10.58	18.72	1.8	52.04	10.59	29.51	5.77	125.04	25.24	2.43	70.19	
21/09/2024 05:35	21.38	3.78	90.78	10.57	18.75	2.12	51.96	10.59	28.76	5.08	122.1	25.28	2.86	70.06	
21/09/2024 05:40	21.86	4.28	93.16	10.57	18.97	2.12	54.05	10.59	29.41	5.76	125.37	25.58	2.85	72.87	
21/09/2024 05:45	21.84	4.36	93.92	10.57	18.57	1.81	52.6	10.59	29.4	5.87	126.42	25.04	2.44	70.95	
21/09/2024 05:50	21.45	3.92	91.24	10.57	18.86	2.15	53.2	10.6	28.87	5.28	122.78	25.43	2.9	71.76	
21/09/2024 05:55	21.96	4.27	93.05	10.58	19.08	2.11	54.33	10.6	29.58	5.75	125.34	25.73	2.85	73.29	
21/09/2024 06:00	22.05	4.31	93.23	10.58	18.52	1.82	52.51	10.6	29.7	5.81	125.59	25	2.46	70.86	
21/09/2024 06:05	21.44	3.96	91.56	10.58	18.77	2.09	53.61	10.6	28.87	5.33	123.28	25.33	2.82	72.35	
21/09/2024 06:10	21.82	4.25	93.27	10.58	19	2.07	54.85	10.6	29.4	5.73	125.64	25.64	2.79	74.01	
21/09/2024 06:15	21.84	4.24	93.06	10.58	18.45	1.72	52.85	10.6	29.42	5.71	125.36	24.88	2.32	71.29	
21/09/2024 06:20	21.49	3.93	90.99	10.57	18.96	2.03	52.69	10.59	28.92	5.29	122.46	25.57	2.74	71.07	
21/09/2024 06:25	21.79	4.27	93.19	10.58	19.01	2	53.89	10.6	29.35	5.75	125.52	25.64	2.7	72.68	
21/09/2024 06:30	21.77	4.35	93.39	10.58	18.6	1.83	52.83	10.6	29.32	5.86	125.82	25.1	2.47	71.29	
21/09/2024 06:35	21.26	3.85	89.72	10.57	18.89	2.17									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/09/2024 08:15	21.95	3.81	90.78	10.56	18.8	1.42	52.18	10.57	29.5	5.13	121.99	25.3	1.91	70.23	
21/09/2024 08:20	21.58	3.39	89	10.55	19.12	1.34	51.45	10.57	28.97	4.56	119.48	25.72	1.81	69.21	
21/09/2024 08:25	22.16	3.76	89.86	10.55	19.36	1.44	51.83	10.57	29.76	5.05	120.71	26.04	1.94	69.73	
21/09/2024 08:30	22.28	3.81	90.52	10.55	18.97	1.34	51.23	10.57	29.93	5.12	121.6	25.53	1.81	68.96	
21/09/2024 08:35	21.62	3.33	88.42	10.55	18.99	1.27	50.95	10.57	29.02	4.47	118.71	25.55	1.71	68.55	
21/09/2024 08:40	21.92	3.67	89.05	10.55	19.23	1.31	52.33	10.57	29.44	4.93	119.62	25.87	1.76	70.4	
21/09/2024 08:45	21.8	3.63	88.72	10.55	18.81	1.2	50.6	10.57	29.28	4.87	119.18	25.31	1.62	68.07	
21/09/2024 08:50	21.38	3.19	86.84	10.54	19.14	1.57	51.03	10.56	28.69	4.29	116.55	25.74	2.11	68.62	
21/09/2024 08:55	21.82	3.52	89.47	10.54	19.26	1.52	52.22	10.56	29.29	4.72	120.1	25.9	2.04	70.22	
21/09/2024 09:00	21.63	3.52	90.28	10.54	18.82	1.18	50.32	10.56	29.02	4.72	121.17	25.31	1.59	67.67	
21/09/2024 09:05	21.5	3.21	87.66	10.54	19.37	1.68	50.2	10.56	28.85	4.3	117.62	26.05	2.26	67.49	
21/09/2024 09:10	22.2	3.53	89.12	10.54	19.65	1.73	52.17	10.56	29.8	4.74	119.62	26.43	2.33	70.15	
21/09/2024 09:15	22.17	3.53	89.2	10.54	18.87	1.17	50.06	10.57	29.76	4.74	119.73	25.38	1.57	67.33	
21/09/2024 09:20	21.53	3.11	87.73	10.54	18.63	0.97	50.38	10.57	28.89	4.17	117.72	25.05	1.3	67.77	
21/09/2024 09:25	22.12	3.55	89.08	10.55	19.12	1.19	51.31	10.57	29.7	4.77	119.6	25.72	1.6	69.01	
21/09/2024 09:30	22.09	3.56	88.97	10.55	19.06	1.23	49.68	10.56	29.66	4.79	119.45	25.63	1.66	66.81	
21/09/2024 09:35	21.51	3.11	87.15	10.54	18.69	0.76	49.23	10.56	28.87	4.17	116.94	25.12	1.02	66.17	
21/09/2024 09:40	22.03	3.52	88.92	10.55	19.09	0.94	50.82	10.56	29.58	4.73	119.39	25.66	1.27	68.32	
21/09/2024 09:45	21.89	3.55	89.08	10.55	18.95	1.08	50.09	10.57	29.39	4.77	119.61	25.49	1.46	67.38	
21/09/2024 09:50	21.61	3.23	87.59	10.55	19.43	1.57	50.33	10.57	29.01	4.34	117.58	26.14	2.11	67.72	
21/09/2024 09:55	22.05	3.5	89.66	10.55	19.63	1.59	52.6	10.57	29.61	4.71	120.41	26.41	2.14	70.76	
21/09/2024 10:00	21.97	3.49	89.7	10.55	18.94	1.2	50.53	10.57	29.5	4.68	120.47	25.48	1.61	67.99	
21/09/2024 10:05	21.64	3.13	87.47	10.54	19.65	1.39	50.5	10.57	29.05	4.2	117.4	26.44	1.87	67.95	
21/09/2024 10:10	21.96	3.48	88.45	10.55	19.8	1.49	52.28	10.57	29.5	4.67	118.81	26.64	2	70.35	
21/09/2024 10:15	21.91	3.47	87.81	10.55	18.74	0.95	50.29	10.57	29.43	4.66	117.99	25.21	1.28	67.65	
21/09/2024 10:20	21.56	3.06	86.09	10.55	19.28	1.58	51.04	10.57	28.95	4.11	115.6	25.94	2.12	68.69	
21/09/2024 10:25	21.92	3.42	88.38	10.55	19.35	1.48	51.86	10.57	29.45	4.6	118.74	26.04	1.99	69.78	
21/09/2024 10:30	21.77	3.42	88.59	10.55	18.92	1.04	49.37	10.57	29.24	4.6	119.02	25.47	1.4	66.45	
21/09/2024 10:35	21.65	2.96	86.98	10.55	19.83	1.22	50.02	10.57	29.07	3.97	116.77	26.69	1.64	67.33	
21/09/2024 10:40	22.26	3.42	88.45	10.55	19.85	1.25	51.96	10.57	29.9	4.59	118.82	26.72	1.69	69.92	
21/09/2024 10:45	22.28	3.45	89.27	10.55	19.14	1.05	49.95	10.58	29.93	4.64	119.92	25.77	1.41	67.26	
21/09/2024 10:50	21.48	3.01	86.86	10.55	19.25	1.44	50.36	10.57	28.85	4.04	116.64	25.91	1.94	67.78	
21/09/2024 10:55	22.27	3.38	88.1	10.55	19.46	1.4	51.87	10.57	29.92	4.54	118.34	26.19	1.89	69.8	
21/09/2024 11:00	22.45	3.36	87.91	10.55	18.68	0.85	50.86	10.57	30.16	4.52	118.09	25.14	1.14	68.46	
21/09/2024 11:05	21.39	3.07	87.85	10.55	18.72	1.22	51.87	10.57	28.72	4.13	117.98	25.2	1.64	69.81	
21/09/2024 11:10	22.07	3.54	90.01	10.56	19.17	1.34	53.32	10.57	29.65	4.75	120.95	25.8	1.81	71.77	
21/09/2024 11:15	22.23	3.56	90.45	10.56	18.8	1.12	51.65	10.57	29.88	4.79	121.55	25.31	1.51	69.53	
21/09/2024 11:20	21.42	3.16	89.38	10.55	19.05	1.27	50.89	10.57	28.77	4.24	120.04	25.64	1.71	68.49	
21/09/2024 11:25	21.86	3.6	90.79	10.55	19.05	1.21	52.23	10.57	29.37	4.83	121.98	25.64	1.63	70.29	
21/09/2024 11:30	21.95	3.64	90.59	10.55	18.62	1.13	51.68	10.58	29.49	4.89	121.7	25.07	1.52	69.59	
21/09/2024 11:35	21.44	3.22	89.61	10.55	19.66	1.93	52.13	10.58	28.8	4.33	120.36	26.48	2.59	70.22	
21/09/2024 11:40	21.97	3.62	91.22	10.56	19.62	1.67	53.34	10.58	29.54	4.87	122.65	26.43	2.25	71.84	
21/09/2024 11:45	22.09	3.63	91.06	10.56	18.66	1.14	51.79	10.58	29.7	4.88	122.43	25.13	1.54	69.75	
21/09/2024 11:50	21.39	3.21	88.83	10.56	18.76	1.24	52.68	10.58	28.75	4.32	119.42	25.27	1.67	70.97	
21/09/2024 11:55	22.09	3.6	91	10.56	18.98	1.25	54.02	10.58	29.7	4.84	122.36	25.57	1.68	72.77	
21/09/2024 12:00	22.03	3.6	90.8	10.56	18.86	1.24	51.85	10.58	29.63	4.84	122.11	25.4	1.67	69.85	
21/09/2024 12:05	21.54	3.23	89.57	10.56	18.97	1.22	51.42	10.58	28.94	4.33	120.36	25.55	1.65	69.25	
21/09/2024 12:10	21.96	3.54	90.35	10.56	19.28	1.34	52.77	10.58	29.53	4.76	121.51	25.97	1.81	71.07	
21/09/2024 12:15	21.86	3.52	89.55	10.56	18.73	1.1	51.07	10.58	29.4	4.73	120.42	25.23	1.48	68.77	
21/09/2024 12:20	21.5	3.15	88.78	10.56	19.58	2	52.63	10.59	28.9	4.24	119.31	26.38	2.69	70.93	
21/09/2024 12:25	22.07	3.6	90.76	10.56	19.66	1.83	53.62	10.58	29.67	4.83	122.01	26.48	2.46	72.24	
21/09/2024 12:30	22.28	3.61	90.22	10.56	18.98	1.19	51.74	10.58	29.96	4.85	121.29	25.56	1.61	69.69	
21/09/2024 12:35	21.56	3.15	88.96	10.55	19.78	1.94	52.1	10.58	28.97	4.23	119.51	26.65	2.61	70.18	
21/09/2024 12:40	21.94	3.57	90.89	10.56	19.66	1.65	53.13	10.58	29.49	4.8	122.16	26.48	2.22	71.55	
21/09/2024 12:45	22.08	3.63	91.06	10.56	18.66	1.01	52.1	10.58	29.67	4.87	122.39	25.13	1.36	70.16	
21/09/2024 12:50	21.43	3.13	88.92	10.55	19.91	1.85	51.25	10.58	28.8	4.2	119.46	26.82	2.49	69.02	
21/09/2024 12:55	21.98	3.6	91.48	10.56	19.92	1.75	52.93	10.58	29.54	4.84	122.97	26.83	2.36	71.29	
21/09/2024 13:00	21.92	3.67	91.86	10.56	18.93	1.3	52.31	10.58	29.47	4.94	123.5	25.5	1.75	70.45	
21/09/2024 13:05	21.3	3.18	89.68	10.56	19.54	1.31	51.95	10.58	28.63	4.27	120.53	26.32	1.76	69.98	
21/09/2024 13:10	21.9	3.56	91.39	10.56	19.37	1.19	53.64	10.58	29.45	4.79	122.89	26.08	1.6	72.24	
21/09/2024 13:15	21.88	3.53	91.7	10.56	18.62	1.05	52.38	10.58	29.42	4.75	123.32	25.08	1.42	70.53	
21/09/2024 13:20	21.42	3.16	89.3	10.55	19.75	2.21	52.43	10.59	28.78	4.25	119.97	26.61	2.98	70.66	
21/09/2024 13:25	21.89	3.46	90.82	10.55	19.82	2.02	53.62	10.58	29.41	4.65	122.01	26.7	2.72	72.23	
21/09/2024 13:30	21.8	3.45	90.66	10.55	18.92	1.19	51.92	10.58	29.28	4.64	121.79	25.48	1.6	69.9	
21/09/2024 13:35	21.31	3.14	88.71	10.55	19.14	1.92	52.89	10.58	28.62	4.22	119.15	25.77	2.59	71.22	
21/09/2024 13:40	21.85	3.53	90.86	10.55	19.33	1.79	54.76	10.58	29.35	4.74	122.09	26.03	2.41	73.73	
21/09/2024 13:45	21.81	3.63	91.14	10.56	18.74	1.16	52.63	10.57	29.31	4.87	122.48	25.22	1.56	70.83	
21/09/2024 13:50	21.25	3.09	89.54	10.55	19.06	1.14	53.51	10.57	28.54	4.16	120.22	25.65	1.53	72	
21/09/2024 13:55	21.99	3.55	91.28	10.54	19.26	1.26	54.34	10.56	29.5	4.76	122.43	25.9	1.69	73.06	
21/09/2024 14:00	22.13	3.49	90.42	10.54	18.41	0.95	53.31	10.54	29.68	4.68	121.29	24.71	1.27	71.56	
21/09/2024 14:05	21.39	3.23	90.49	10.52	19.69	1.6	53.88	10.54	28.64	4.32	121.16	26.42	2.15	72.31	
21/09/2024 14:10	21.91	3.57	91.98	10.52	19.71	1.55	55.39	10.54	29.34	4.78	123.16	26.44	2.09	74.32	
21/09/2024 14:15	21.98	3.53	91.81	10.52	18.63	1.09	52.6	10.54	29.43	4.73	122.91	24.98	1.46	70.54</	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/09/2024 16:00	22.08	3.56	91.59	10.5	18.63	1	51.84	10.52	29.52	4.77	122.47	24.95	1.34	69.42	
21/09/2024 16:05	21.44	3.18	90.12	10.5	19.24	1.81	51.32	10.52	28.65	4.25	120.41	25.77	2.43	68.74	
21/09/2024 16:10	21.78	3.5	92.04	10.5	19.51	1.72	52.6	10.52	29.11	4.68	123.05	26.13	2.3	70.44	
21/09/2024 16:15	21.73	3.52	91.44	10.5	18.97	1.18	52.39	10.53	29.05	4.7	122.23	25.41	1.58	70.2	
21/09/2024 16:20	21.22	3.01	90.03	10.5	18.8	0.79	52.03	10.52	28.37	4.02	120.32	25.17	1.05	69.67	
21/09/2024 16:25	21.89	3.43	91.76	10.51	19.12	0.95	53.19	10.52	29.29	4.58	122.77	25.6	1.28	71.23	
21/09/2024 16:30	22.13	3.41	91.14	10.51	18.8	1.24	52.24	10.53	29.61	4.56	121.98	25.2	1.66	70.01	
21/09/2024 16:35	21.5	3.09	90.1	10.5	20	1.6	52.36	10.53	28.74	4.13	120.47	26.8	2.14	70.18	
21/09/2024 16:40	22	3.47	90.91	10.51	19.72	1.37	54.01	10.53	29.42	4.65	121.6	26.42	1.83	72.37	
21/09/2024 16:45	22.06	3.42	90.88	10.51	18.62	0.97	52.84	10.53	29.51	4.58	121.57	24.95	1.3	70.8	
21/09/2024 16:50	21.55	3.17	89.38	10.5	19.65	1.79	53.18	10.53	28.81	4.24	119.49	26.33	2.4	71.27	
21/09/2024 16:55	21.95	3.52	91.74	10.51	19.76	1.69	54.45	10.53	29.36	4.71	122.72	26.47	2.27	72.96	
21/09/2024 17:00	21.78	3.52	92.2	10.51	18.94	1.15	52.46	10.53	29.14	4.71	123.34	25.38	1.54	70.3	
21/09/2024 17:05	21.2	3.06	89.84	10.51	18.73	1.23	52.77	10.53	28.35	4.09	120.15	25.1	1.64	70.73	
21/09/2024 17:10	21.93	3.49	91.25	10.51	19.13	1.37	53.72	10.53	29.33	4.66	122.05	25.64	1.84	71.99	
21/09/2024 17:15	22.05	3.49	90.41	10.51	18.96	1.22	51.79	10.53	29.49	4.66	120.92	25.41	1.64	69.41	
21/09/2024 17:20	21.39	3.08	89.91	10.5	18.28	0.56	51.08	10.52	28.59	4.12	120.18	24.47	0.75	68.4	
21/09/2024 17:25	21.98	3.53	91.4	10.5	18.78	0.86	52.35	10.52	29.39	4.72	122.2	25.15	1.16	70.1	
21/09/2024 17:30	22.19	3.58	91.44	10.5	18.82	1.19	51.72	10.52	29.66	4.79	122.25	25.21	1.6	69.28	
21/09/2024 17:35	21.55	2.74	82.87	10.48	19.6	1.6	52.14	10.53	28.74	3.66	110.51	26.26	2.15	69.87	
21/09/2024 17:40	21.78	3.01	83.48	10.48	19.69	1.57	53.6	10.53	29.04	4.02	111.33	26.38	2.1	71.82	
21/09/2024 17:45	21.8	3.02	83.66	10.48	19.05	1.19	51.52	10.52	29.08	4.02	111.59	25.52	1.6	69.03	
21/09/2024 17:50	21.51	2.72	83.39	10.47	19.42	1.67	51.99	10.53	28.68	3.63	111.17	26.03	2.24	69.68	
21/09/2024 17:55	21.94	3.05	84.63	10.48	19.51	1.59	53.4	10.52	29.26	4.07	112.86	26.13	2.12	71.53	
21/09/2024 18:00	21.95	3.06	85.45	10.48	18.66	1.09	53	10.52	29.28	4.09	113.97	24.98	1.47	70.96	
21/09/2024 18:05	21.42	3.16	89.51	10.49	19.18	1.35	48.38	10.5	28.6	4.23	119.54	25.64	1.8	64.67	
21/09/2024 18:10	21.93	3.55	92.33	10.5	19.35	1.31	49.41	10.5	29.31	4.75	123.39	25.86	1.76	66.03	
21/09/2024 18:15	22.09	3.56	91.56	10.5	18.69	1.01	48.05	10.5	29.52	4.76	122.34	24.97	1.35	64.2	
21/09/2024 18:20	21.22	3.12	90.35	10.49	18.92	1.12	48.84	10.5	28.35	4.16	120.69	25.27	1.5	65.25	
21/09/2024 18:25	21.73	3.7	94.56	10.5	19.1	1.2	50.46	10.5	29.04	4.95	126.38	25.52	1.6	67.41	
21/09/2024 18:30	21.77	3.75	95.38	10.5	18.47	1.1	49.75	10.49	29.09	5.01	127.47	24.67	1.47	66.47	
21/09/2024 18:35	21.28	3.42	93.11	10.49	18.8	1.44	49.69	10.49	28.42	4.57	124.33	25.11	1.93	66.37	
21/09/2024 18:40	21.81	3.74	93.75	10.5	19.1	1.51	53.38	10.5	29.14	5	125.26	25.52	2.02	71.35	
21/09/2024 18:45	21.73	3.7	93.63	10.5	18.67	1.32	55.13	10.51	29.05	4.95	125.13	24.99	1.77	73.78	
21/09/2024 18:50	21.32	3.48	92.56	10.49	18.63	1.41	55.22	10.51	28.47	4.65	123.56	24.92	1.89	73.85	
21/09/2024 18:55	21.56	3.81	94.09	10.49	19.08	1.62	57.05	10.51	28.8	5.09	125.65	25.52	2.17	76.3	
21/09/2024 19:00	21.42	3.85	94.22	10.49	18.76	1.41	54.44	10.51	28.61	5.14	125.81	25.09	1.89	72.8	
21/09/2024 19:05	21.34	3.49	92.06	10.48	19.07	1.8	54.47	10.51	28.48	4.65	122.81	25.5	2.41	72.85	
21/09/2024 19:10	21.61	3.83	94.25	10.48	19.27	1.84	55.93	10.5	28.82	5.11	125.73	25.76	2.46	74.77	
21/09/2024 19:15	21.53	3.88	94.19	10.48	18.69	1.51	55.32	10.5	28.72	5.17	125.64	24.98	2.02	73.93	
21/09/2024 19:20	21.36	3.6	93.56	10.47	19.29	1.99	56.34	10.5	28.47	4.8	124.72	25.79	2.67	75.3	
21/09/2024 19:25	21.64	3.93	94.8	10.48	19.44	1.98	58.09	10.5	28.86	5.24	126.43	25.98	2.64	77.63	
21/09/2024 19:30	21.75	3.96	94.52	10.48	18.62	1.52	55.72	10.5	29	5.27	126.04	24.89	2.04	74.49	
21/09/2024 19:35	21.3	3.53	93.55	10.47	18.91	1.73	55.01	10.5	28.4	4.71	124.73	25.28	2.31	73.55	
21/09/2024 19:40	21.7	4	95.51	10.48	19.19	1.83	56.72	10.5	28.95	5.34	127.38	25.65	2.44	75.81	
21/09/2024 19:45	21.73	4.02	95.16	10.48	18.64	1.49	54.44	10.5	28.99	5.36	126.93	24.91	1.99	72.77	
21/09/2024 19:50	21.22	3.64	92.6	10.47	18.83	1.68	54.96	10.5	28.29	4.85	123.43	25.17	2.24	73.44	
21/09/2024 19:55	21.64	4.01	94.78	10.48	19.12	1.77	56.08	10.5	28.86	5.35	126.4	25.55	2.37	74.93	
21/09/2024 20:00	21.38	4.03	95.19	10.48	18.63	1.45	53.79	10.5	28.51	5.38	126.95	24.89	1.93	71.86	
21/09/2024 20:05	21.29	3.65	92.1	10.48	18.96	1.79	54.09	10.5	28.38	4.87	122.81	25.34	2.39	72.3	
21/09/2024 20:10	21.76	4.05	94.23	10.48	19.08	1.77	55.59	10.5	29.03	5.4	125.7	25.5	2.37	74.29	
21/09/2024 20:15	21.67	4.05	94.3	10.48	18.57	1.55	54	10.5	28.91	5.4	125.8	24.84	2.07	72.21	
21/09/2024 20:20	21.33	3.6	91.92	10.48	19.16	1.95	53.68	10.51	28.45	4.81	122.63	25.63	2.6	71.8	
21/09/2024 20:25	21.86	3.94	93.15	10.48	19.45	2.01	55.24	10.51	29.17	5.26	124.32	26.01	2.68	73.88	
21/09/2024 20:30	22.05	3.99	93.63	10.48	18.65	1.45	53.18	10.5	29.42	5.32	124.95	24.93	1.94	71.1	
21/09/2024 20:35	21.49	3.6	91.32	10.48	19.29	1.83	53.05	10.5	28.65	4.8	121.76	25.79	2.44	70.93	
21/09/2024 20:40	21.85	3.99	92.28	10.48	19.57	1.97	54.58	10.5	29.15	5.33	123.1	26.16	2.63	72.97	
21/09/2024 20:45	21.8	3.99	91.64	10.48	18.69	1.51	52.68	10.5	29.08	5.32	122.24	24.98	2.01	70.42	
21/09/2024 20:50	21.36	3.55	90.28	10.48	19.13	1.58	52.65	10.49	28.48	4.73	120.37	25.55	2.12	70.32	
21/09/2024 20:55	21.83	3.99	92.01	10.48	19.43	1.76	54.39	10.5	29.12	5.33	122.75	25.95	2.35	72.66	
21/09/2024 21:00	21.86	4.03	92.34	10.48	18.74	1.64	53.14	10.5	29.17	5.38	123.22	25.05	2.2	71.05	
21/09/2024 21:05	21.4	3.7	91.49	10.48	19.14	1.96	53.63	10.51	28.56	4.94	122.07	25.59	2.63	71.74	
21/09/2024 21:10	21.8	4.03	93.86	10.49	19.22	1.88	55.63	10.51	29.1	5.38	125.31	25.71	2.51	74.41	
21/09/2024 21:15	21.73	4.1	94.08	10.49	18.41	1.44	55	10.51	29.02	5.47	125.61	24.63	1.93	73.57	
21/09/2024 21:20	21.41	3.73	93.35	10.49	19.17	1.92	55.05	10.51	28.58	4.98	124.6	25.66	2.57	73.68	
21/09/2024 21:25	21.9	4.09	95.2	10.49	19.3	1.95	56.25	10.51	29.24	5.47	127.14	25.82	2.6	75.27	
21/09/2024 21:30	22.03	4.1	95.02	10.49	18.57	1.64	55.1	10.51	29.42	5.47	126.9	24.84	2.19	73.72	
21/09/2024 21:35	21.54	3.73	92.48	10.48	19.09	1.92	54.61	10.51	28.74	4.98	123.42	25.53	2.57	73.05	
21/09/2024 21:40	21.97	4.09	93.72	10.49	19.18	1.86	55.6	10.51	29.33	5.46	125.15	25.66	2.49	74.37	
21/09/2024 21:45	22.06	4.16	94.3	10.49	18.58	1.6	54.38	10.51	29.45	5.55	125.88	24.85	2.14	72.74	
21/09/2024 21:50	21.33	3.76	92.07	10.49	19.15	1.99	54.96	10.51	28.47	5.01	122.89	25.62	2.66	73.53	
21/09/2024 21:55	21.75	4.04	93.08	10.49	19.26	1.94	56.07	10.51	29.04	5.39	124.26	25.77	2.59	75.01	
21/09/2024 22:00	21.8	4.06	92.95	10.49	18.54	1.58	53.96	10.51	29.1	5.43	124.1	24.8	2.11	72.18	
21/09/2024 22:05	21.42	3.58	90.33	10.48	19.12	1.89	53.9								



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/09/2024 23:45	21.56	4	93.78	10.48	18.64	1.63	54.37	10.49	28.75	5.34	125.04	24.9	2.18	72.62	
21/09/2024 23:50	21.28	3.66	91.51	10.47	18.88	1.96	54.77	10.5	28.36	4.87	121.95	25.23	2.61	73.18	
21/09/2024 23:55	21.79	4.12	93.27	10.48	19.09	1.98	56.13	10.5	29.05	5.49	124.4	25.51	2.65	75.01	
22/09/2024 00:00	21.75	4.19	93.5	10.48	18.6	1.65	54.83	10.5	29.02	5.59	124.74	24.87	2.21	73.31	
22/09/2024 00:05	21.32	3.76	92.85	10.48	19.12	1.96	56.05	10.5	28.43	5.02	123.81	25.57	2.62	74.95	
22/09/2024 00:10	21.74	4.13	95.1	10.48	19.28	1.96	57.72	10.5	29	5.51	126.84	25.78	2.62	77.16	
22/09/2024 00:15	21.92	4.13	94.94	10.48	18.4	1.57	56.26	10.5	29.24	5.5	126.62	24.58	2.09	75.17	
22/09/2024 00:20	21.23	3.75	94.06	10.47	19.26	1.98	56.8	10.5	28.3	5	125.38	25.73	2.65	75.89	
22/09/2024 00:25	21.7	4.16	95.53	10.48	19.39	2.03	58.64	10.5	28.94	5.55	127.41	25.9	2.71	78.33	
22/09/2024 00:30	21.64	4.17	94.98	10.48	18.63	1.59	55.98	10.49	28.87	5.57	126.7	24.89	2.12	74.77	
22/09/2024 00:35	21.09	3.74	93.54	10.47	18.9	1.9	56.45	10.49	28.11	4.98	124.65	25.25	2.54	75.4	
22/09/2024 00:40	21.7	4.16	95.26	10.48	19.06	1.83	57.51	10.49	28.93	5.55	127.02	25.46	2.45	76.81	
22/09/2024 00:45	21.72	4.11	94.45	10.48	18.46	1.46	55.71	10.49	28.96	5.48	125.94	24.66	1.96	74.4	
22/09/2024 00:50	21.29	3.74	92.77	10.47	19.42	2.08	55.09	10.5	28.36	4.99	123.61	25.94	2.78	73.6	
22/09/2024 00:55	21.73	3.99	92.89	10.47	19.61	2.11	56.01	10.49	28.96	5.32	123.82	26.2	2.82	74.82	
22/09/2024 01:00	21.73	3.99	92.09	10.48	18.54	1.54	53.44	10.49	28.98	5.32	122.79	24.76	2.06	71.36	
22/09/2024 01:05	21.31	3.64	91.65	10.47	19.24	1.9	53.6	10.49	28.4	4.86	122.14	25.69	2.54	71.58	
22/09/2024 01:10	21.68	4.03	93.67	10.48	19.37	1.91	55.27	10.49	28.91	5.37	124.93	25.87	2.55	73.81	
22/09/2024 01:15	21.83	4.13	93.53	10.48	18.63	1.63	54.37	10.5	29.11	5.5	124.75	24.9	2.18	72.64	
22/09/2024 01:20	21.28	3.71	92.11	10.47	18.93	1.89	54.55	10.5	28.36	4.95	122.78	25.31	2.53	72.9	
22/09/2024 01:25	21.72	4.13	94.59	10.48	19.17	1.97	56.29	10.5	28.97	5.51	126.16	25.61	2.64	75.23	
22/09/2024 01:30	21.81	4.17	95.08	10.48	18.58	1.65	54.25	10.5	29.1	5.57	126.83	24.83	2.2	72.48	
22/09/2024 01:35	21.36	3.78	93.46	10.47	19.04	1.87	54.89	10.5	28.47	5.04	124.59	25.44	2.5	73.35	
22/09/2024 01:40	21.77	4.18	95.61	10.48	19.35	1.95	56.47	10.5	29.03	5.58	127.51	25.85	2.6	75.45	
22/09/2024 01:45	21.66	4.24	95.69	10.48	18.56	1.69	54.82	10.5	28.89	5.65	127.66	24.8	2.26	73.26	
22/09/2024 01:50	21.24	3.9	94.13	10.47	19.09	1.95	54.22	10.5	28.31	5.2	125.49	25.51	2.6	72.43	
22/09/2024 01:55	21.76	4.25	95.92	10.48	19.34	2.1	56.09	10.5	29.01	5.66	127.9	25.84	2.81	74.93	
22/09/2024 02:00	21.94	4.33	95.75	10.47	18.7	1.79	56.33	10.5	29.25	5.77	127.65	24.98	2.39	75.25	
22/09/2024 02:05	21.33	3.88	95.4	10.47	18.82	1.88	56.1	10.5	28.42	5.18	127.15	25.14	2.52	74.94	
22/09/2024 02:10	21.63	4.24	95.77	10.47	19.02	1.91	57.38	10.49	28.84	5.65	127.67	25.4	2.55	76.65	
22/09/2024 02:15	21.67	4.31	95.94	10.47	18.45	1.53	54.85	10.49	28.89	5.75	127.9	24.64	2.05	73.25	
22/09/2024 02:20	21.32	3.89	93.85	10.47	18.99	1.99	54.84	10.49	28.41	5.19	125.04	25.35	2.66	73.2	
22/09/2024 02:25	21.7	4.22	96.12	10.48	19.19	2.05	56.31	10.49	28.93	5.62	128.17	25.62	2.74	75.17	
22/09/2024 02:30	21.81	4.22	95.95	10.48	18.59	1.79	54.57	10.49	29.08	5.63	127.94	24.83	2.39	72.9	
22/09/2024 02:35	21.24	3.72	92.76	10.47	18.64	1.87	53.22	10.5	28.31	4.95	123.64	24.9	2.5	71.09	
22/09/2024 02:40	21.68	4.05	93.92	10.48	18.87	1.83	54.42	10.49	28.92	5.4	125.26	25.21	2.45	72.69	
22/09/2024 02:45	21.66	4.05	94.16	10.48	18.36	1.5	53.48	10.5	28.88	5.4	125.58	24.53	2	71.47	
22/09/2024 02:50	21.25	3.63	91.01	10.48	19.17	1.96	53.71	10.5	28.34	4.84	121.36	25.63	2.62	71.81	
22/09/2024 02:55	21.79	4.06	93.75	10.48	19.44	2.05	55.66	10.5	29.08	5.42	125.09	25.98	2.74	74.41	
22/09/2024 03:00	21.94	4.08	94.02	10.49	18.81	1.63	52.54	10.5	29.28	5.45	125.49	25.14	2.17	70.23	
22/09/2024 03:05	21.38	3.76	92.3	10.47	19.01	1.56	52.22	10.5	28.51	5.02	123.04	25.4	2.09	69.78	
22/09/2024 03:10	21.87	4.15	95.1	10.48	19.25	1.73	54.02	10.5	29.16	5.54	126.83	25.73	2.32	72.18	
22/09/2024 03:15	22.06	4.14	94.69	10.48	18.65	1.62	53.21	10.5	29.43	5.53	126.31	24.92	2.17	71.09	
22/09/2024 03:20	21.32	3.82	94.27	10.47	19.1	1.96	53.6	10.5	28.43	5.09	125.69	25.51	2.61	71.6	
22/09/2024 03:25	21.76	4.16	96.04	10.48	19.33	2.01	54.89	10.5	29.01	5.55	128.06	25.82	2.69	73.33	
22/09/2024 03:30	21.88	4.16	96.36	10.48	18.75	1.65	53.42	10.5	29.17	5.55	128.5	25.06	2.21	71.38	
22/09/2024 03:35	21.29	3.73	93.56	10.48	19.48	2.2	53.83	10.5	28.39	4.97	124.75	26.05	2.95	71.97	
22/09/2024 03:40	21.62	4.22	95.6	10.48	19.54	2.2	55.9	10.5	28.85	5.64	127.58	26.13	2.94	74.72	
22/09/2024 03:45	21.59	4.28	95.8	10.49	18.61	1.55	52.98	10.5	28.83	5.72	127.88	24.87	2.08	70.82	
22/09/2024 03:50	21.2	3.74	93.88	10.48	19.08	1.94	53.59	10.5	28.28	4.98	125.23	25.51	2.59	71.63	
22/09/2024 03:55	21.7	4.12	96.06	10.49	19.23	1.97	55.01	10.5	28.96	5.5	128.21	25.71	2.64	73.53	
22/09/2024 04:00	21.81	4.11	95.97	10.49	18.72	1.56	52.87	10.5	29.11	5.49	128.09	25.02	2.09	70.65	
22/09/2024 04:05	21.36	3.71	93	10.48	19.25	1.9	53.56	10.5	28.47	4.94	124	25.71	2.54	71.55	
22/09/2024 04:10	21.73	4.08	94.27	10.48	19.5	1.98	54.87	10.5	28.98	5.43	125.71	26.05	2.65	73.3	
22/09/2024 04:15	21.7	4.1	94.45	10.48	18.52	1.47	52.78	10.49	28.95	5.46	125.98	24.74	1.96	70.5	
22/09/2024 04:20	21.36	3.6	91.54	10.47	18.96	1.91	53.83	10.5	28.48	4.8	122.05	25.33	2.56	71.93	
22/09/2024 04:25	21.83	4.06	93.78	10.48	19.35	2.11	54.97	10.5	29.14	5.42	125.15	25.86	2.82	73.48	
22/09/2024 04:30	21.86	4.17	93.92	10.49	18.73	1.42	51.94	10.5	29.18	5.57	125.38	25.03	1.89	69.45	
22/09/2024 04:35	21.43	3.45	88.77	10.48	19.23	1.9	51.15	10.5	28.57	4.6	118.36	25.71	2.54	68.38	
22/09/2024 04:40	22.06	3.78	90.09	10.48	19.47	1.94	52.27	10.5	29.43	5.05	120.2	26.03	2.59	69.88	
22/09/2024 04:45	22.09	3.75	89.81	10.48	18.93	1.45	49.85	10.5	29.48	5.01	119.84	25.29	1.93	66.59	
22/09/2024 04:50	21.46	3.42	88.39	10.47	19.39	1.76	50.3	10.49	28.61	4.56	117.82	25.9	2.35	67.18	
22/09/2024 04:55	21.96	3.75	89.72	10.48	19.56	1.8	51.15	10.49	29.29	5	119.66	26.13	2.41	68.32	
22/09/2024 05:00	21.92	3.8	89.56	10.48	18.94	1.55	50.26	10.5	29.24	5.07	119.47	25.31	2.07	67.15	
22/09/2024 05:05	21.6	3.44	88.48	10.47	19.51	1.89	49.48	10.5	28.78	4.58	117.92	26.06	2.53	66.11	
22/09/2024 05:10	22.04	3.83	90.26	10.47	19.72	1.94	51.7	10.5	29.38	5.1	120.33	26.35	2.59	69.07	
22/09/2024 05:15	22.06	3.88	91.09	10.47	18.79	1.47	50.23	10.5	29.41	5.17	121.44	25.1	1.97	67.11	
22/09/2024 05:20	21.63	3.52	89.09	10.47	19.48	1.82	50.37	10.49	28.82	4.69	118.73	26.02	2.44	67.28	
22/09/2024 05:25	21.99	3.9	90.92	10.48	19.59	1.83	52.41	10.49	29.32	5.2	121.25	26.16	2.44	70	
22/09/2024 05:30	21.92	3.96	91.38	10.48	18.65	1.57	51.29	10.49	29.24	5.28	121.89	24.91	2.1	68.51	
22/09/2024 05:35	21.28	3.47	89.31	10.47	19.2	1.85	51.56	10.49	28.36	4.63	119.01	25.64	2.47	68.86	
22/09/2024 05:40	21.9	3.97	91.61	10.47	19.27	1.82	52.87	10.49	29.2	5.29	122.11	25.73	2.43	70.6	
22/09/2024 05:45	22.06	4	92	10.48	18.71	1.56	51.21	10.49	29.42	5.34	122.67	24.99	2.09	68.39	
22/09/2024 05:50	21.46	3.61	90	10.47	19.36	1.89	51.09								



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/09/2024 07:30	22.14	4.1	91.39	10.48	18.7	1.78	52.86	10.5	29.55	5.47	121.96	24.99	2.38	70.67	
22/09/2024 07:35	21.71	3.7	90.92	10.48	19.35	2.01	52.99	10.5	28.95	4.93	121.25	25.86	2.69	70.83	
22/09/2024 07:40	22.13	4.08	92.45	10.48	19.49	2.01	54.81	10.5	29.53	5.44	123.38	26.05	2.69	73.26	
22/09/2024 07:45	22.33	4.13	93.02	10.48	18.85	1.7	51.65	10.5	29.79	5.51	124.11	25.19	2.28	69.03	
22/09/2024 07:50	21.55	3.65	90.16	10.47	19.2	1.99	51.33	10.5	28.72	4.87	120.16	25.65	2.66	68.58	
22/09/2024 07:55	21.91	4.12	92.91	10.47	19.38	2	52.75	10.5	29.22	5.5	123.88	25.89	2.67	70.47	
22/09/2024 08:00	21.91	4.06	92.73	10.47	19.02	1.68	51.45	10.5	29.2	5.42	123.63	25.41	2.24	68.74	
22/09/2024 08:05	21.54	3.74	89.96	10.48	19.32	1.94	51.66	10.5	28.72	4.98	119.95	25.82	2.6	69.05	
22/09/2024 08:10	21.99	4.04	91.36	10.48	19.43	1.98	53.4	10.5	29.33	5.39	121.85	25.97	2.64	71.38	
22/09/2024 08:15	21.78	4.02	91.53	10.48	18.71	1.71	51.44	10.5	29.05	5.36	122.08	25.01	2.29	68.77	
22/09/2024 08:20	21.33	3.72	90.63	10.48	19.12	1.98	51.88	10.5	28.45	4.96	120.88	25.57	2.65	69.37	
22/09/2024 08:25	21.97	4.15	92.37	10.49	19.38	2.03	53.43	10.5	29.33	5.54	123.28	25.91	2.71	71.44	
22/09/2024 08:30	22.19	4.16	92.44	10.49	18.6	1.67	52.58	10.5	29.61	5.55	123.38	24.87	2.24	70.28	
22/09/2024 08:35	21.61	3.82	91.52	10.47	19.02	2.05	53.29	10.5	28.8	5.09	121.99	25.41	2.74	71.2	
22/09/2024 08:40	21.88	4.16	93.7	10.47	19.26	2.12	54.54	10.49	29.17	5.55	124.91	25.73	2.83	72.85	
22/09/2024 08:45	21.95	4.21	94.52	10.47	18.56	1.74	52.76	10.49	29.26	5.61	125.98	24.78	2.32	70.46	
22/09/2024 08:50	21.28	3.67	90.62	10.47	18.48	1.77	52.89	10.49	28.35	4.89	120.74	24.67	2.36	70.62	
22/09/2024 08:55	21.88	4.09	91.76	10.48	18.82	1.83	54.09	10.49	29.18	5.46	122.39	25.13	2.45	72.24	
22/09/2024 09:00	21.94	4.11	92.03	10.48	18.57	1.59	52.77	10.5	29.26	5.48	122.76	24.81	2.13	70.51	
22/09/2024 09:05	21.27	3.67	90.33	10.48	18.64	1.85	53.02	10.5	28.37	4.9	120.45	24.9	2.47	70.85	
22/09/2024 09:10	21.81	4.04	92.43	10.48	18.85	1.79	54.61	10.5	29.1	5.39	123.32	25.19	2.4	72.96	
22/09/2024 09:15	21.91	4.1	93.08	10.48	18.34	1.51	52.58	10.5	29.23	5.46	124.18	24.51	2.01	70.27	
22/09/2024 09:20	21.39	3.65	90.38	10.47	19.29	1.97	52.38	10.5	28.52	4.87	120.49	25.78	2.64	70.03	
22/09/2024 09:25	22.06	3.87	90.15	10.47	19.47	1.9	53.62	10.5	29.4	5.16	120.17	26.02	2.54	71.64	
22/09/2024 09:30	22.06	3.85	89.33	10.47	19.02	1.64	51.47	10.49	29.41	5.13	119.07	25.4	2.19	68.73	
22/09/2024 09:35	21.52	3.39	88.72	10.46	18.74	1.25	51.99	10.49	28.65	4.51	118.14	25.01	1.67	69.39	
22/09/2024 09:40	21.9	3.79	90.36	10.47	19.12	1.45	52.86	10.49	29.19	5.05	120.4	25.52	1.94	70.56	
22/09/2024 09:45	21.91	3.85	90.67	10.47	18.45	1.06	50.69	10.48	29.19	5.12	120.82	24.63	1.41	67.65	
22/09/2024 09:50	21.59	3.46	88.43	10.46	19.12	1.74	50.35	10.49	28.75	4.61	117.78	25.52	2.32	67.21	
22/09/2024 09:55	21.92	3.67	89.76	10.47	19.44	1.83	51.8	10.49	29.21	4.89	119.6	25.95	2.44	69.15	
22/09/2024 10:00	21.86	3.6	89	10.47	18.88	1.39	50.93	10.48	29.12	4.79	118.58	25.19	1.86	67.95	
22/09/2024 10:05	21.45	3.33	89.07	10.46	19.16	1.72	52.82	10.48	28.56	4.44	118.58	25.57	2.29	70.48	
22/09/2024 10:10	21.87	3.68	91.16	10.46	19.41	1.71	53.4	10.48	29.12	4.9	121.36	25.89	2.28	71.24	
22/09/2024 10:15	21.92	3.7	91.28	10.46	18.82	1.27	51.34	10.48	29.18	4.93	121.51	25.09	1.69	68.48	
22/09/2024 10:20	21.6	3.28	88.95	10.45	19.78	1.94	50.7	10.48	28.73	4.37	118.32	26.38	2.59	67.63	
22/09/2024 10:25	22	3.64	90.92	10.46	20.07	2	52.2	10.48	29.27	4.84	121.01	26.77	2.66	69.62	
22/09/2024 10:30	21.92	3.7	91.39	10.46	18.83	1.16	50.61	10.48	29.18	4.93	121.65	25.11	1.54	67.48	
22/09/2024 10:35	21.61	3.21	88.16	10.45	19.07	1.31	51.47	10.48	28.74	4.27	117.25	25.44	1.74	68.64	
22/09/2024 10:40	22.11	3.56	89.95	10.46	19.31	1.35	52.7	10.48	29.43	4.73	119.72	25.75	1.8	70.28	
22/09/2024 10:45	22.19	3.56	89.69	10.46	18.74	1.09	50.58	10.48	29.53	4.74	119.39	24.99	1.45	67.46	
22/09/2024 10:50	21.65	3.18	88.18	10.45	19.56	1.72	51.19	10.48	28.8	4.23	117.32	26.09	2.3	68.28	
22/09/2024 10:55	22	3.57	89.42	10.46	19.59	1.65	53.08	10.48	29.3	4.75	119.07	26.12	2.21	70.79	
22/09/2024 11:00	21.98	3.6	89.16	10.46	18.69	1.1	51.36	10.48	29.28	4.79	118.75	24.93	1.47	68.5	
22/09/2024 11:05	21.55	3.17	87.78	10.46	19.44	1.85	51.57	10.49	28.68	4.22	116.83	25.94	2.46	68.83	
22/09/2024 11:10	21.95	3.61	90.15	10.47	19.71	1.91	53.09	10.49	29.25	4.81	120.1	26.3	2.55	70.85	
22/09/2024 11:15	21.95	3.64	90.64	10.47	19.09	1.25	52.02	10.49	29.24	4.85	120.75	25.49	1.67	69.44	
22/09/2024 11:20	21.47	3.13	89.46	10.46	18.72	1.06	53.61	10.48	28.58	4.17	119.1	24.98	1.41	71.55	
22/09/2024 11:25	22.04	3.57	90.73	10.47	18.88	1.1	54.6	10.48	29.36	4.76	120.88	25.2	1.47	72.87	
22/09/2024 11:30	22.17	3.63	90.81	10.47	18.53	1.03	52.2	10.49	29.55	4.83	121.03	24.74	1.37	69.68	
22/09/2024 11:35	21.49	3.15	89.68	10.46	19.82	1.91	53.25	10.49	28.62	4.2	119.43	26.47	2.55	71.11	
22/09/2024 11:40	22	3.6	91.02	10.47	19.71	1.7	55.51	10.49	29.31	4.8	121.25	26.31	2.27	74.11	
22/09/2024 11:45	22.05	3.7	90.97	10.47	18.6	1.08	53.08	10.49	29.38	4.94	121.22	24.83	1.44	70.87	
22/09/2024 11:50	21.68	3.13	88.78	10.47	19.26	1.51	52.24	10.49	28.87	4.17	118.26	25.72	2.02	69.78	
22/09/2024 11:55	21.77	3.37	89.86	10.47	19.29	1.37	53.17	10.49	29.02	4.5	119.78	25.76	1.83	71.01	
22/09/2024 12:00	21.56	3.39	90.55	10.48	18.54	0.95	50.79	10.5	28.75	4.52	120.73	24.77	1.27	67.86	
22/09/2024 12:05	21.38	2.88	87.46	10.47	18.78	0.74	51.63	10.5	28.5	3.83	116.56	25.09	0.99	68.99	
22/09/2024 12:10	21.95	3.3	88.7	10.48	18.89	0.74	51.84	10.5	29.27	4.41	118.29	25.23	0.99	69.26	
22/09/2024 12:15	21.95	3.38	88.45	10.48	18.79	1.03	50.69	10.5	29.28	4.5	117.97	25.11	1.37	67.75	
22/09/2024 12:20	21.58	3.09	87.15	10.48	19.95	2	51.29	10.51	28.79	4.12	116.24	26.69	2.68	68.63	
22/09/2024 12:25	22.14	3.39	89.11	10.49	19.76	1.65	52.94	10.51	29.56	4.53	118.98	26.44	2.21	70.82	
22/09/2024 12:30	22.17	3.38	89.31	10.49	18.78	1.04	50.66	10.51	29.61	4.51	119.28	25.12	1.39	67.77	
22/09/2024 12:35	21.55	2.93	86.71	10.49	18.43	0.88	50.54	10.51	28.77	3.92	115.76	24.66	1.18	67.61	
22/09/2024 12:40	22.07	3.33	88	10.5	18.8	0.93	51.96	10.51	29.49	4.45	117.59	25.16	1.25	69.53	
22/09/2024 12:45	21.94	3.31	87.83	10.5	18.91	1.05	51.05	10.52	29.31	4.43	117.35	25.32	1.41	68.35	
22/09/2024 12:50	21.35	2.98	87.86	10.49	19.08	1.24	52.12	10.52	28.51	3.98	117.34	25.54	1.66	69.78	
22/09/2024 12:55	21.9	3.41	89.52	10.5	19.42	1.41	53.43	10.52	29.27	4.56	119.63	26	1.89	71.54	
22/09/2024 13:00	21.97	3.42	88.77	10.5	18.52	0.84	51.34	10.52	29.36	4.58	118.64	24.8	1.12	68.76	
22/09/2024 13:05	21.56	3.01	88.37	10.5	19.07	1.21	51.01	10.52	28.81	4.03	118.1	25.53	1.62	68.3	
22/09/2024 13:10	22.01	3.45	89.82	10.51	19.26	1.22	52.61	10.52	29.43	4.62	120.11	25.8	1.64	70.47	
22/09/2024 13:15	21.89	3.55	90.42	10.51	18.7	1.05	52.36	10.53	29.28	4.75	120.93	25.06	1.41	70.17	
22/09/2024 13:20	21.43	3.03	88.93	10.5	19.6	1.66	52.65	10.53	28.65	4.05	118.86	26.28	2.22	70.59	
22/09/2024 13:25	21.99	3.51	90.9	10.51	19.61	1.56	53.59	10.53	29.41	4.7	121.55	26.29	2.1	71.83	
22/09/2024 13:30	22.16	3.5	90.05	10.51	18.86	1.13	52.57	10.53	29.63	4.68	120.44	25.28	1.51	70.47	
22/09/2024 13:35	21.41	3.16	90.12</												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/09/2024 15:15	21.73	3.56	92.23	10.49	18.61	0.97	51.32	10.51	29.03	4.76	123.2	24.89	1.3	68.63	
22/09/2024 15:20	21.32	2.95	88.62	10.48	18.26	0.47	51.78	10.5	28.45	3.93	118.24	24.41	0.63	69.22	
22/09/2024 15:25	21.9	3.32	89.37	10.49	18.69	0.67	52.74	10.5	29.23	4.43	119.29	24.98	0.9	70.51	
22/09/2024 15:30	21.8	3.28	89.19	10.49	18.58	0.88	50.71	10.5	29.1	4.38	119.08	24.83	1.17	67.77	
22/09/2024 15:35	21.62	3.04	88.65	10.48	19.97	1.93	51.01	10.5	28.84	4.05	118.23	26.68	2.58	68.18	
22/09/2024 15:40	22.08	3.4	90.62	10.48	20	1.82	52.42	10.5	29.45	4.53	120.88	26.73	2.43	70.06	
22/09/2024 15:45	22.14	3.41	91.27	10.48	18.83	1.11	53.35	10.5	29.53	4.55	121.74	25.16	1.48	71.29	
22/09/2024 15:50	21.31	3.07	90.58	10.47	18.46	1.08	53.85	10.49	28.41	4.09	120.74	24.66	1.44	71.92	
22/09/2024 15:55	21.85	3.53	93.37	10.48	18.93	1.32	55.16	10.49	29.14	4.71	124.49	25.29	1.76	73.66	
22/09/2024 16:00	21.75	3.56	93.23	10.48	18.74	1.16	54.73	10.49	29.01	4.75	124.35	25.03	1.54	73.09	
22/09/2024 16:05	21.4	3.39	93.58	10.47	19.84	2.14	55.65	10.5	28.51	4.52	124.69	26.51	2.86	74.36	
22/09/2024 16:10	21.9	3.68	96.19	10.47	19.83	2.03	57.48	10.5	29.2	4.9	128.23	26.49	2.71	76.79	
22/09/2024 16:15	21.89	3.64	95.05	10.48	18.46	1.07	55.61	10.49	29.19	4.86	126.73	24.65	1.43	74.27	
22/09/2024 16:20	21.21	3.25	94.35	10.47	18.62	0.92	55.68	10.49	28.25	4.33	125.69	24.86	1.23	74.34	
22/09/2024 16:25	21.8	3.72	96.08	10.47	18.96	1.19	58.05	10.49	29.05	4.95	128.05	25.32	1.59	77.51	
22/09/2024 16:30	21.73	3.83	96.81	10.47	18.94	1.35	55.8	10.49	28.97	5.11	129.04	25.3	1.81	74.53	
22/09/2024 16:35	21.31	3.23	93.87	10.46	18.56	1.16	55.66	10.49	28.38	4.3	125.02	24.78	1.55	74.32	
22/09/2024 16:40	21.68	3.58	94.13	10.47	18.96	1.28	57.4	10.49	28.89	4.77	125.44	25.31	1.71	76.62	
22/09/2024 16:45	21.52	3.53	93.61	10.47	18.59	1.05	54	10.48	28.68	4.71	124.78	24.81	1.41	72.05	
22/09/2024 16:50	21.37	3.13	92.05	10.46	18.96	1.06	53.97	10.48	28.45	4.17	122.55	25.28	1.42	71.98	
22/09/2024 16:55	21.83	3.58	93.58	10.47	19.3	1.26	55.81	10.48	29.08	4.77	124.68	25.75	1.68	74.45	
22/09/2024 17:00	21.81	3.6	93.88	10.47	18.97	1.25	54.74	10.49	29.07	4.79	125.09	25.32	1.66	73.07	
22/09/2024 17:05	21.36	3.16	91.22	10.46	18.76	1.05	53.1	10.48	28.45	4.21	121.48	25.03	1.4	70.86	
22/09/2024 17:10	22.06	3.49	92.63	10.46	19.2	1.23	54.1	10.48	29.39	4.64	123.37	25.62	1.64	72.2	
22/09/2024 17:15	22.27	3.49	92.83	10.46	18.55	0.87	52.87	10.49	29.66	4.64	123.64	24.75	1.16	70.57	
22/09/2024 17:20	21.69	2.67	83.15	10.44	19.71	1.77	54.21	10.49	28.82	3.56	110.51	26.32	2.36	72.41	
22/09/2024 17:25	22.24	2.97	83.08	10.44	19.75	1.63	55.21	10.49	29.55	3.94	110.38	26.37	2.18	73.71	
22/09/2024 17:30	22.23	3.02	82.98	10.44	18.64	1.01	54.51	10.49	29.54	4.01	110.27	24.88	1.35	72.77	
22/09/2024 17:35	21.46	2.54	82.71	10.44	18.83	1.04	54.06	10.48	28.51	3.38	109.86	25.13	1.39	72.15	
22/09/2024 17:40	22.28	3.01	84.11	10.44	19.14	1.17	54.81	10.48	29.59	4	111.71	25.54	1.56	73.13	
22/09/2024 17:45	22.2	3	84.84	10.44	18.53	0.96	54.03	10.48	29.49	3.99	112.7	24.73	1.28	72.1	
22/09/2024 17:50	21.55	3.02	89.58	10.45	19.01	1.18	54.47	10.48	28.67	4.01	119.2	25.37	1.58	72.67	
22/09/2024 17:55	22.07	3.6	93.75	10.47	19.34	1.32	54.35	10.48	29.39	4.79	124.88	25.79	1.76	72.47	
22/09/2024 18:00	22	3.6	93.81	10.47	18.64	0.91	48.67	10.46	29.31	4.79	124.97	24.81	1.22	64.81	
22/09/2024 18:05	21.59	3.21	92.13	10.46	18.7	1.11	48.34	10.46	28.74	4.28	122.65	24.89	1.48	64.37	
22/09/2024 18:10	22.03	3.55	94.09	10.46	19.26	1.45	50.6	10.46	29.33	4.73	125.29	25.65	1.93	67.38	
22/09/2024 18:15	22.3	3.63	94.17	10.46	18.49	0.82	48.11	10.46	29.68	4.83	125.37	24.61	1.09	64.03	
22/09/2024 18:20	21.54	3.19	90.96	10.45	19.09	1.11	47.58	10.46	28.67	4.24	121.03	25.41	1.48	63.32	
22/09/2024 18:25	21.91	3.52	93.36	10.46	19.34	1.32	50.61	10.46	29.15	4.68	124.25	25.76	1.75	67.4	
22/09/2024 18:30	21.91	3.5	93.44	10.45	18.46	0.94	53.53	10.48	29.15	4.66	124.32	24.61	1.25	71.38	
22/09/2024 18:35	21.68	3.22	92.48	10.45	19.06	1.44	53.28	10.48	28.84	4.29	122.97	25.42	1.92	71.06	
22/09/2024 18:40	22.01	3.67	94.37	10.45	19.49	1.58	54.71	10.48	29.29	4.88	125.56	25.99	2.11	72.95	
22/09/2024 18:45	21.86	3.7	94.61	10.45	18.89	1.15	52.91	10.47	29.08	4.93	125.88	25.18	1.54	70.5	
22/09/2024 18:50	21.58	3.21	91.41	10.45	19.6	1.49	52.48	10.47	28.7	4.27	121.52	26.11	1.98	69.91	
22/09/2024 18:55	22.04	3.53	92.82	10.45	19.88	1.66	54.05	10.47	29.31	4.7	123.43	26.48	2.21	72	
22/09/2024 19:00	21.92	3.52	92.28	10.45	18.63	0.89	51.06	10.46	29.15	4.68	122.73	24.8	1.18	67.99	
22/09/2024 19:05	21.62	3.2	91.06	10.44	19.39	1.32	51.43	10.46	28.72	4.25	120.99	25.82	1.75	68.5	
22/09/2024 19:10	22.14	3.49	92.16	10.44	19.64	1.4	53.12	10.46	29.42	4.64	122.46	26.15	1.87	70.73	
22/09/2024 19:15	22.3	3.42	91.53	10.44	18.77	1.12	52.67	10.46	29.62	4.55	121.6	25	1.49	70.13	
22/09/2024 19:20	21.66	3.19	90.4	10.43	18.78	1.13	52.21	10.46	28.77	4.24	120.05	25	1.51	69.5	
22/09/2024 19:25	21.97	3.54	92.88	10.44	19	1.18	53.66	10.46	29.19	4.7	123.41	25.29	1.56	71.43	
22/09/2024 19:30	21.75	3.5	92.28	10.44	18.57	1.04	51.76	10.46	28.9	4.65	122.62	24.71	1.38	68.9	
22/09/2024 19:35	21.56	3.12	90.39	10.43	18.79	1.12	51.42	10.46	28.63	4.14	120.02	25.01	1.49	68.43	
22/09/2024 19:40	22.08	3.5	90.96	10.43	19.21	1.26	52.87	10.45	29.32	4.64	120.78	25.56	1.68	70.35	
22/09/2024 19:45	22.09	3.56	90.58	10.43	18.67	1.03	51.26	10.46	29.33	4.73	120.25	24.85	1.38	68.21	
22/09/2024 19:50	21.59	3.11	89.72	10.43	18.84	1.12	50.8	10.46	28.66	4.13	119.12	25.07	1.49	67.62	
22/09/2024 19:55	21.97	3.43	89.8	10.44	19.35	1.42	52.44	10.46	29.18	4.56	119.28	25.75	1.89	69.8	
22/09/2024 20:00	21.89	3.5	89.77	10.44	18.64	0.91	49.98	10.46	29.08	4.65	119.26	24.81	1.21	66.51	
22/09/2024 20:05	21.6	3.05	87.26	10.43	18.88	1.22	50.05	10.46	28.68	4.05	115.87	25.13	1.62	66.62	
22/09/2024 20:10	22.14	3.41	89.95	10.44	19.31	1.32	51.99	10.46	29.42	4.54	119.52	25.7	1.76	69.19	
22/09/2024 20:15	22.22	3.49	90.58	10.44	18.7	0.93	49.65	10.45	29.52	4.63	120.36	24.88	1.24	66.08	
22/09/2024 20:20	21.69	3.03	88.21	10.43	19.17	1.46	50.27	10.46	28.8	4.03	117.12	25.51	1.94	66.9	
22/09/2024 20:25	22.01	3.41	89.8	10.44	19.34	1.45	51.16	10.46	29.24	4.53	119.29	25.74	1.93	68.09	
22/09/2024 20:30	21.91	3.42	89.97	10.44	18.75	0.89	49.33	10.46	29.1	4.55	119.51	24.95	1.19	65.65	
22/09/2024 20:35	21.68	3.02	87.87	10.43	19.25	1.28	49.52	10.46	28.78	4.01	116.65	25.62	1.71	65.91	
22/09/2024 20:40	22.33	3.45	89.47	10.44	19.4	1.23	50.67	10.46	29.67	4.58	118.86	25.82	1.64	67.44	
22/09/2024 20:45	22.41	3.49	89.56	10.44	18.95	0.95	49.82	10.45	29.77	4.63	118.99	25.22	1.26	66.29	
22/09/2024 20:50	21.83	3.23	89.95	10.43	19.59	1.72	50.72	10.45	28.99	4.3	119.43	26.07	2.29	67.48	
22/09/2024 20:55	22.02	3.72	94.03	10.43	19.75	1.84	53.35	10.45	29.24	4.94	124.88	26.28	2.45	70.99	
22/09/2024 21:00	21.95	3.8	94.39	10.43	19.1	1.33	53.81	10.45	29.15	5.04	125.35	25.41	1.77	71.57	
22/09/2024 21:05	21.73	3.48	93.72	10.42	19.31	1.53	53.68	10.45	28.84	4.61	124.34	25.69	2.03	71.4	
22/09/2024 21:10	22.01	3.97	96.25	10.42	19.64	1.77	56.12	10.45	29.2	5.27	127.7	26.12	2.36	74.64	
22/09/2024 21:15	22.13	4.08	96.83	10.42	18.74	1.5	55.1	10.44	29.35	5.41	128.45	24.9	2	73.2	
22/09/2024 21:20	21.32														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/09/2024 23:00	21.59	4.91	96.86	10.49	18.36	2.39	55.35	10.51	28.83	6.55	129.34	24.57	3.19	74.07	
22/09/2024 23:05	21.05	4.53	94.26	10.49	18.63	2.88	55.95	10.52	28.12	6.04	125.9	24.94	3.85	74.91	
22/09/2024 23:10	21.65	5.04	96.26	10.51	18.9	2.89	57.65	10.52	28.96	6.74	128.73	25.31	3.86	77.2	
22/09/2024 23:15	21.72	5.05	96.63	10.51	18.3	2.74	55.3	10.53	29.05	6.75	129.26	24.53	3.67	74.14	
22/09/2024 23:20	21.07	4.8	95.53	10.51	18.88	3.08	54.87	10.54	28.19	6.43	127.84	25.33	4.14	73.6	
22/09/2024 23:25	21.48	5.36	97.82	10.53	19.06	3.17	56.41	10.54	28.78	7.18	131.09	25.57	4.25	75.69	
22/09/2024 23:30	21.42	5.33	97.89	10.53	18.25	2.93	56.61	10.55	28.72	7.15	131.23	24.51	3.94	76.03	
22/09/2024 23:35	20.86	5.1	97.19	10.53	18.55	3.37	56.97	10.56	27.96	6.83	130.27	24.93	4.53	76.56	
22/09/2024 23:40	21.49	5.59	98.34	10.54	18.64	3.37	59.7	10.56	28.83	7.49	131.93	25.06	4.52	80.24	
22/09/2024 23:45	21.63	5.61	98.09	10.54	18.21	3.1	56.29	10.57	29.02	7.53	131.64	24.51	4.17	75.75	
22/09/2024 23:50	21.04	4.98	95.81	10.55	18.98	3.51	56.88	10.58	28.27	6.69	128.71	25.57	4.73	76.64	
22/09/2024 23:55	21.47	5.08	97.77	10.56	19.16	3.33	58.92	10.58	28.87	6.84	131.48	25.82	4.49	79.38	
23/09/2024 00:00	21.52	4.96	96.77	10.57	18.37	2.43	54.85	10.59	28.94	6.67	130.17	24.76	3.27	73.93	
23/09/2024 00:05	21.17	4.42	94.8	10.56	19.03	2.63	55.32	10.58	28.45	5.93	127.41	25.64	3.54	74.53	
23/09/2024 00:10	21.74	4.61	96.24	10.55	19.19	2.56	56.91	10.58	29.2	6.2	129.3	25.84	3.45	76.63	
23/09/2024 00:15	21.8	4.55	96.06	10.55	18.39	2.05	55.4	10.56	29.28	6.11	129.03	24.74	2.76	74.51	
23/09/2024 00:20	21.19	4.08	94.99	10.53	18.74	2.29	54.86	10.56	28.41	5.47	127.36	25.19	3.08	73.74	
23/09/2024 00:25	21.76	4.48	97.62	10.53	19.11	2.32	56.79	10.55	29.15	6	130.82	25.68	3.11	76.29	
23/09/2024 00:30	21.91	4.47	97.55	10.53	18.41	1.83	56.17	10.54	29.35	5.99	130.69	24.7	2.45	75.35	
23/09/2024 00:35	21.29	4.01	96.07	10.51	18.75	2.15	55.47	10.54	28.48	5.37	128.53	25.15	2.88	74.4	
23/09/2024 00:40	21.74	4.36	98.48	10.51	19.05	2.23	57.25	10.53	29.09	5.83	131.75	25.54	3	76.76	
23/09/2024 00:45	21.48	4.33	98.67	10.51	18.4	1.77	56.15	10.52	28.74	5.79	132.02	24.65	2.36	75.21	
23/09/2024 00:50	21.4	3.97	97.05	10.49	19.09	2.07	56.15	10.52	28.58	5.3	129.62	25.56	2.78	75.19	
23/09/2024 00:55	21.91	4.3	98.11	10.49	19.26	2.11	57.63	10.52	29.25	5.74	130.99	25.78	2.82	77.14	
23/09/2024 01:00	22	4.3	98.06	10.49	18.46	1.66	56.48	10.51	29.37	5.74	130.93	24.69	2.22	75.54	
23/09/2024 01:05	21.46	3.89	95.49	10.48	18.91	2	55.89	10.5	28.62	5.18	127.33	25.28	2.67	74.7	
23/09/2024 01:10	21.88	4.21	97.39	10.47	19.16	2.03	57.09	10.5	29.16	5.61	129.82	25.6	2.71	76.28	
23/09/2024 01:15	21.95	4.14	97.22	10.47	18.55	1.68	56.22	10.49	29.26	5.52	129.59	24.76	2.24	75.03	
23/09/2024 01:20	21.32	3.91	96.34	10.46	19.04	2.08	56.77	10.48	28.39	5.21	128.26	25.41	2.78	75.75	
23/09/2024 01:25	21.83	4.29	98.51	10.46	19.22	2.1	58.43	10.48	29.05	5.7	131.1	25.64	2.8	77.92	
23/09/2024 01:30	21.73	4.3	98.72	10.45	18.62	1.79	57.43	10.47	28.92	5.72	131.35	24.8	2.38	76.52	
23/09/2024 01:35	21.36	3.99	98.09	10.44	19.23	2.04	56.95	10.46	28.39	5.3	130.38	25.61	2.72	75.86	
23/09/2024 01:40	21.79	4.45	100.08	10.45	19.31	2.06	59.41	10.46	28.97	5.92	133.07	25.71	2.75	79.11	
23/09/2024 01:45	21.83	4.44	99.61	10.45	18.42	1.78	58.35	10.46	29.03	5.91	132.49	24.53	2.37	77.71	
23/09/2024 01:50	21.45	4.17	98.03	10.44	19.11	2.25	58.84	10.46	28.5	5.54	130.26	25.46	3	78.37	
23/09/2024 01:55	21.82	4.46	99.48	10.44	19.27	2.24	60.03	10.46	29	5.93	132.24	25.66	2.99	79.94	
23/09/2024 02:00	21.95	4.41	99.17	10.44	18.44	1.8	57.53	10.46	29.17	5.86	131.79	24.56	2.39	76.61	
23/09/2024 02:05	21.32	4.04	97.26	10.44	18.65	2.05	57.34	10.46	28.33	5.37	129.22	24.85	2.74	76.38	
23/09/2024 02:10	21.79	4.46	99.34	10.45	18.88	2.08	58.74	10.46	28.97	5.93	132.08	25.15	2.77	78.23	
23/09/2024 02:15	21.73	4.53	99.36	10.45	18.56	1.74	56.21	10.46	28.9	6.03	132.12	24.72	2.31	74.85	
23/09/2024 02:20	21.4	4.03	96.32	10.44	19.29	2.19	56.25	10.46	28.42	5.36	127.95	25.68	2.92	74.91	
23/09/2024 02:25	21.63	4.3	97.34	10.44	19.31	2.1	58.05	10.46	28.74	5.71	129.35	25.71	2.8	77.28	
23/09/2024 02:30	21.66	4.31	98	10.44	18.58	1.8	56.29	10.46	28.78	5.73	130.22	24.74	2.4	74.93	
23/09/2024 02:35	21.41	4.03	96.46	10.43	19.31	2.17	55.68	10.45	28.43	5.35	128.09	25.7	2.88	74.1	
23/09/2024 02:40	21.79	4.41	98.6	10.44	19.41	2.23	58.97	10.46	28.96	5.86	131.02	25.83	2.96	78.49	
23/09/2024 02:45	21.81	4.44	99.31	10.44	18.71	1.91	56.91	10.46	28.99	5.9	132	24.91	2.54	75.79	
23/09/2024 02:50	21.34	3.99	96.83	10.43	18.9	2.17	56.97	10.46	28.35	5.3	128.59	25.16	2.89	75.86	
23/09/2024 02:55	21.85	4.44	98.74	10.44	18.99	2.1	58.93	10.46	29.03	5.89	131.19	25.28	2.8	78.45	
23/09/2024 03:00	21.88	4.42	99.02	10.44	18.62	1.79	57.22	10.46	29.07	5.88	131.59	24.78	2.39	76.15	
23/09/2024 03:05	21.38	4.12	97.88	10.43	19.31	2.2	57.44	10.45	28.39	5.48	129.98	25.69	2.93	76.44	
23/09/2024 03:10	21.87	4.5	99.62	10.44	19.57	2.32	59.72	10.45	29.05	5.98	132.35	26.04	3.09	79.47	
23/09/2024 03:15	21.97	4.58	99.72	10.44	18.62	1.9	57.61	10.46	29.18	6.08	132.46	24.79	2.54	76.71	
23/09/2024 03:20	21.51	4.14	96.04	10.43	18.82	2.13	57.15	10.46	28.57	5.49	127.55	25.05	2.83	76.08	
23/09/2024 03:25	21.76	4.43	98.07	10.45	19.1	2.2	58.5	10.46	28.94	5.88	130.39	25.43	2.93	77.88	
23/09/2024 03:30	21.7	4.44	98.25	10.45	18.77	1.93	57.36	10.46	28.86	5.9	130.65	24.99	2.57	76.36	
23/09/2024 03:35	21.37	4.11	97.21	10.44	19.21	2.3	58.21	10.46	28.39	5.46	129.12	25.57	3.06	77.5	
23/09/2024 03:40	21.87	4.44	98.78	10.44	19.36	2.3	58.48	10.46	29.06	5.89	131.23	25.77	3.06	77.85	
23/09/2024 03:45	22.08	4.42	98.78	10.44	18.81	1.83	56.2	10.45	29.33	5.88	131.24	25.03	2.44	74.79	
23/09/2024 03:50	21.56	3.98	96.05	10.43	18.85	2.03	56.61	10.45	28.62	5.28	127.5	25.09	2.7	75.33	
23/09/2024 03:55	22.11	4.32	97.18	10.43	19.1	1.99	57.96	10.45	29.37	5.74	129.07	25.41	2.65	77.12	
23/09/2024 04:00	22.23	4.3	97.11	10.43	18.56	1.64	55.89	10.45	29.53	5.71	128.96	24.69	2.19	74.35	
23/09/2024 04:05	21.52	3.95	95.17	10.43	18.77	2.11	56.53	10.46	28.57	5.25	126.36	24.99	2.81	75.25	
23/09/2024 04:10	21.95	4.43	98.1	10.44	19.17	2.19	57.85	10.46	29.16	5.89	130.3	25.52	2.91	76.99	
23/09/2024 04:15	21.88	4.47	98.16	10.44	18.77	1.83	56.25	10.45	29.07	5.94	130.43	24.97	2.43	74.84	
23/09/2024 04:20	21.36	4.04	95.26	10.43	19.21	2.15	56.18	10.45	28.37	5.37	126.48	25.55	2.86	74.75	
23/09/2024 04:25	21.83	4.36	97.39	10.43	19.4	2.2	57.7	10.45	28.98	5.79	129.31	25.81	2.93	76.74	
23/09/2024 04:30	22.02	4.33	97.13	10.43	18.65	1.85	56.42	10.45	29.22	5.75	128.92	24.81	2.46	75.03	
23/09/2024 04:35	21.41	4.04	96.37	10.42	19.16	2.22	56.23	10.45	28.41	5.35	127.87	25.47	2.95	74.76	
23/09/2024 04:40	21.81	4.47	98.41	10.43	19.3	2.24	57.83	10.45	28.96	5.94	130.68	25.66	2.98	76.9	
23/09/2024 04:45	21.92	4.55	99.2	10.43	18.63	1.89	57.04	10.45	29.11	6.04	131.74	24.78	2.52	75.88	
23/09/2024 04:50	21.32	4.12	97.26	10.43	19.1	2.1	57.49	10.45	28.31	5.47	129.14	25.41	2.8	76.49	
23/09/2024 04:55	21.79	4.43	98.67	10.44	19.32	2.18	59.17	10.45	28.95	5.89	131.06	25.7	2.91	78.73	
23/09/2024 05:00	21.97	4.44	98.75	10.43	18.6	1.92	58.16	10.46	29.17	5.9	131.14	24.76	2.56	77.43	</



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/09/2024 06:45	21.95	4.41	96.94	10.43	18.68	1.83	56.91	10.45	29.15	5.85	128.71	24.84	2.44	75.69	
23/09/2024 06:50	21.4	4.08	95.67	10.42	19.16	2.39	57.08	10.45	28.4	5.42	126.93	25.48	3.17	75.92	
23/09/2024 06:55	21.88	4.28	96.49	10.42	19.45	2.36	58.37	10.45	29.03	5.68	128.02	25.87	3.14	77.61	
23/09/2024 07:00	21.95	4.21	96.47	10.42	18.86	1.83	56.35	10.44	29.11	5.58	127.93	25.06	2.44	74.87	
23/09/2024 07:05	21.4	3.96	95.74	10.42	19.28	2.12	56.63	10.44	28.38	5.25	126.92	25.62	2.82	75.25	
23/09/2024 07:10	21.79	4.43	97.28	10.42	19.37	2.01	57.28	10.44	28.9	5.87	128.99	25.73	2.67	76.1	
23/09/2024 07:15	21.78	4.52	97.94	10.42	18.51	1.68	56.89	10.44	28.88	5.99	129.86	24.59	2.23	75.56	
23/09/2024 07:20	21.43	4.08	96	10.41	19.15	2.06	56.47	10.44	28.41	5.4	127.22	25.45	2.74	75.03	
23/09/2024 07:25	21.84	4.35	97.1	10.42	19.49	2.18	57.82	10.44	28.97	5.77	128.79	25.9	2.89	76.84	
23/09/2024 07:30	21.97	4.41	97.23	10.42	18.57	1.66	56.21	10.45	29.14	5.85	128.97	24.69	2.21	74.74	
23/09/2024 07:35	21.46	3.98	95.95	10.42	18.7	1.62	56.1	10.44	28.46	5.28	127.23	24.86	2.15	74.58	
23/09/2024 07:40	21.8	4.24	97.8	10.42	19.02	1.8	57.9	10.44	28.9	5.62	129.67	25.29	2.39	76.96	
23/09/2024 07:45	21.73	4.16	97.53	10.42	18.51	1.58	56.58	10.45	28.82	5.51	129.31	24.6	2.1	75.22	
23/09/2024 07:50	21.33	3.82	96.59	10.41	18.89	2	56.75	10.45	28.26	5.06	127.94	25.12	2.66	75.46	
23/09/2024 07:55	21.89	4.18	97.38	10.41	19.25	2.11	59	10.44	29.01	5.54	129.04	25.59	2.8	78.41	
23/09/2024 08:00	21.92	4.14	97.44	10.41	18.82	1.6	55.44	10.44	29.05	5.49	129.14	25.01	2.13	73.66	
23/09/2024 08:05	21.59	3.8	95.25	10.4	19.25	2.05	56.12	10.44	28.59	5.03	126.12	25.57	2.72	74.57	
23/09/2024 08:10	21.97	4.15	96.26	10.41	19.56	2.14	57.39	10.44	29.11	5.5	127.53	25.99	2.85	76.25	
23/09/2024 08:15	22.02	4.19	96.53	10.41	18.77	1.49	56.11	10.44	29.17	5.55	127.9	24.94	1.98	74.54	
23/09/2024 08:20	21.49	3.78	94.66	10.4	19.49	1.86	57.09	10.44	28.45	5	125.34	25.9	2.48	75.86	
23/09/2024 08:25	22.1	4.11	96.23	10.4	19.78	1.96	57.98	10.44	29.27	5.45	127.43	26.27	2.61	77.01	
23/09/2024 08:30	22.31	4.11	95.78	10.4	18.59	1.28	55.08	10.43	29.55	5.45	126.85	24.68	1.69	73.11	
23/09/2024 08:35	21.7	3.66	93.85	10.4	19.58	2.09	55.33	10.44	28.72	4.84	124.18	26.01	2.78	73.51	
23/09/2024 08:40	22.05	3.98	95.43	10.4	19.81	2.07	56.83	10.43	29.2	5.26	126.34	26.31	2.75	75.47	
23/09/2024 08:45	21.84	4	94.8	10.4	18.96	1.51	55.58	10.44	28.92	5.3	125.49	25.19	2.01	73.83	
23/09/2024 08:50	21.42	3.55	93.95	10.4	18.6	1.36	55.59	10.44	28.35	4.69	124.32	24.71	1.81	73.84	
23/09/2024 08:55	22	4.01	96.4	10.4	18.93	1.49	58.23	10.44	29.13	5.31	127.64	25.14	1.98	77.34	
23/09/2024 09:00	22.05	4.13	96.61	10.4	18.9	1.51	55.74	10.44	29.2	5.47	127.95	25.11	2	74.07	
23/09/2024 09:05	21.58	3.54	94.38	10.4	19.02	1.44	55.56	10.44	28.55	4.68	124.89	25.27	1.91	73.81	
23/09/2024 09:10	21.91	3.98	96.93	10.39	19.26	1.54	57.1	10.43	28.99	5.27	128.26	25.57	2.05	75.82	
23/09/2024 09:15	21.84	4.05	97.67	10.4	18.79	1.42	55.9	10.44	28.91	5.36	129.26	24.97	1.88	74.26	
23/09/2024 09:20	21.58	3.6	94.9	10.39	19.87	1.9	56.05	10.44	28.55	4.76	125.55	26.41	2.52	74.48	
23/09/2024 09:25	22.15	3.97	96.47	10.4	20.05	1.97	58.23	10.44	29.33	5.26	127.71	26.63	2.62	77.35	
23/09/2024 09:30	22.36	4.05	96.83	10.4	18.9	1.22	54.35	10.45	29.6	5.36	128.18	25.12	1.63	72.26	
23/09/2024 09:35	21.6	3.45	93.48	10.4	19.43	2.12	55.38	10.45	28.6	4.56	123.75	25.85	2.83	73.69	
23/09/2024 09:40	22.03	3.72	94.3	10.41	19.58	2.01	56.33	10.45	29.18	4.93	124.91	26.04	2.67	74.91	
23/09/2024 09:45	22.05	3.75	94.91	10.41	18.61	1	54.54	10.44	29.21	4.97	125.73	24.74	1.33	72.48	
23/09/2024 09:50	21.78	3.4	92.37	10.4	19.89	2.11	55.37	10.45	28.83	4.5	122.27	26.46	2.81	73.65	
23/09/2024 09:55	21.99	3.78	94.56	10.41	20.03	2.02	56.88	10.45	29.13	5	125.28	26.63	2.69	75.61	
23/09/2024 10:00	21.83	3.8	95.2	10.41	18.97	1.3	54.92	10.44	28.93	5.03	126.16	25.19	1.73	72.95	
23/09/2024 10:05	21.6	3.49	93.54	10.4	19.08	1.29	54.83	10.43	28.61	4.63	123.86	25.34	1.71	72.81	
23/09/2024 10:10	21.98	3.74	94.58	10.41	19.48	1.48	56.35	10.43	29.12	4.95	125.31	25.86	1.96	74.83	
23/09/2024 10:15	21.67	3.66	94.06	10.41	18.54	0.95	54.75	10.43	28.71	4.85	124.61	24.62	1.26	72.7	
23/09/2024 10:20	21.4	3.39	94.68	10.4	18.94	1.3	56.51	10.43	28.34	4.49	125.38	25.15	1.72	75.05	
23/09/2024 10:25	21.97	3.77	94.81	10.41	19.25	1.4	58.02	10.43	29.11	5	125.65	25.56	1.86	77.04	
23/09/2024 10:30	22.06	3.77	94.44	10.41	18.72	1.09	55.25	10.43	29.24	4.99	125.15	24.86	1.44	73.37	
23/09/2024 10:35	21.4	3.39	94.64	10.4	18.86	1.22	56.66	10.44	28.34	4.49	125.34	25.05	1.62	75.27	
23/09/2024 10:40	21.98	3.79	95.3	10.41	19.26	1.46	58.17	10.44	29.12	5.03	126.29	25.59	1.94	77.26	
23/09/2024 10:45	22	3.78	94.98	10.41	18.66	1.2	56.39	10.44	29.15	5.01	125.87	24.78	1.59	74.92	
23/09/2024 10:50	21.37	3.27	94.55	10.41	18.61	0.76	55.41	10.43	28.31	4.33	125.23	24.71	1.01	73.58	
23/09/2024 10:55	21.83	3.81	96.78	10.42	18.8	0.85	57.19	10.43	28.94	5.06	128.32	24.96	1.13	75.94	
23/09/2024 11:00	21.73	3.85	96.77	10.42	18.53	1.06	56.5	10.44	28.83	5.1	128.35	24.62	1.41	75.07	
23/09/2024 11:05	21.38	3.26	94.96	10.41	18.68	1.04	56.78	10.44	28.34	4.32	125.87	24.82	1.38	75.43	
23/09/2024 11:10	22.02	3.7	96.34	10.42	19.16	1.3	57.49	10.44	29.21	4.91	127.77	25.46	1.72	76.38	
23/09/2024 11:15	22.11	3.74	96.44	10.42	18.87	1.13	55.47	10.45	29.32	4.95	127.89	25.09	1.51	73.77	
23/09/2024 11:20	21.38	3.2	93.51	10.42	18.55	0.64	55.08	10.44	28.36	4.24	124.03	24.66	0.85	73.21	
23/09/2024 11:25	22.09	3.56	93.7	10.43	19.12	0.93	55.94	10.45	29.33	4.72	124.4	25.42	1.24	74.37	
23/09/2024 11:30	22.38	3.61	93.17	10.43	18.74	0.75	53.54	10.45	29.7	4.79	123.69	24.92	1	71.2	
23/09/2024 11:35	21.75	3.1	91.04	10.43	18.84	1.21	52.17	10.45	28.87	4.11	120.82	25.05	1.61	69.39	
23/09/2024 11:40	22.24	3.47	93.02	10.44	19.32	1.42	54.22	10.45	29.55	4.62	123.6	25.7	1.89	72.14	
23/09/2024 11:45	22.2	3.49	93.33	10.44	18.99	0.99	54.39	10.46	29.51	4.63	124.03	25.29	1.32	72.44	
23/09/2024 11:50	21.7	2.94	91.9	10.44	19.57	1.42	54.69	10.47	28.83	3.9	122.08	26.07	1.89	72.87	
23/09/2024 11:55	22.08	3.54	94.99	10.44	19.83	1.55	57	10.47	29.34	4.71	126.23	26.43	2.06	75.94	
23/09/2024 12:00	22.05	3.58	95.17	10.44	19.28	1.27	55.46	10.47	29.3	4.76	126.48	25.71	1.7	73.95	
23/09/2024 12:05	21.46	3.08	93.65	10.45	19.02	0.61	55.32	10.47	28.56	4.09	124.59	25.35	0.82	73.76	
23/09/2024 12:10	22.12	3.63	95.3	10.46	19.47	1.01	56.66	10.48	29.46	4.84	126.92	25.98	1.35	75.58	
23/09/2024 12:15	22.23	3.67	96	10.46	18.9	0.84	53.92	10.49	29.61	4.89	127.87	25.23	1.12	71.99	
23/09/2024 12:20	21.56	3	92.51	10.46	19.28	1.29	54.82	10.49	28.72	3.99	123.22	25.75	1.72	73.2	
23/09/2024 12:25	22.02	3.4	93.57	10.48	19.52	1.31	56.4	10.49	29.36	4.54	124.76	26.07	1.75	75.32	
23/09/2024 12:30	22.02	3.41	93.17	10.48	18.68	0.84	54.78	10.5	29.36	4.55	124.27	24.96	1.13	73.21	
23/09/2024 12:35	21.45	3.03	92.83	10.48	19.03	0.79	55.36	10.5	28.61	4.04	123.82	25.43	1.06	73.98	
23/09/2024 12:40	22.01	3.56	94.71	10.49	19.31	0.93	56.58	10.5	29.39	4.75	126.47	25.81	1.24	75.63	
23/09/2024 12:45	21.86	3.53	94.13	10.49	18.99	0.88	55.01	10.51	29.19	4.72	125.71	25.41	1.18	73.61	
23/09/2024 12:50	21.46	3.05	94.67	10.49	18.										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	%7
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/09/2024 14:30	22.05	3.67	97.66	10.57	18.57	0.93	57.3	10.59	29.67	4.94	131.41	25.04	1.25	77.27	
23/09/2024 14:35	21.33	3.17	96.83	10.57	19.02	1.25	58.22	10.6	28.71	4.27	130.32	25.67	1.68	78.56	
23/09/2024 14:40	22.04	3.7	98.78	10.58	19.16	1.22	59.6	10.6	29.69	4.98	133.05	25.85	1.65	80.41	
23/09/2024 14:45	22.3	3.77	98.94	10.58	18.66	0.85	57.16	10.6	30.04	5.08	133.28	25.19	1.15	77.14	
23/09/2024 14:50	21.41	3.14	96.74	10.57	19.08	1.12	57.81	10.6	28.83	4.23	130.23	25.75	1.51	78.03	
23/09/2024 14:55	21.78	3.58	98.46	10.58	19.27	1.18	59.94	10.6	29.35	4.82	132.65	26	1.59	80.9	
23/09/2024 15:00	21.83	3.53	97.89	10.59	18.53	0.78	57.54	10.6	29.42	4.76	131.92	25	1.05	77.65	
23/09/2024 15:05	21.24	3.07	97.32	10.57	18.83	1.07	57.49	10.6	28.58	4.13	130.96	25.4	1.44	77.57	
23/09/2024 15:10	22.06	3.7	99.45	10.58	19.06	1.1	59.15	10.6	29.71	4.99	133.93	25.72	1.49	79.79	
23/09/2024 15:15	22.3	3.77	99.83	10.58	18.67	0.84	56.86	10.6	30.04	5.08	134.47	25.19	1.14	76.72	
23/09/2024 15:20	21.37	3.18	97.61	10.58	19.3	1.18	57.46	10.6	28.77	4.28	131.41	26.06	1.6	77.56	
23/09/2024 15:25	22.02	3.73	100.26	10.58	19.35	1.15	59.24	10.6	29.64	5.02	135	26.12	1.55	79.94	
23/09/2024 15:30	22.16	3.74	99.94	10.58	18.57	0.8	58.04	10.59	29.83	5.03	134.54	25.05	1.08	78.27	
23/09/2024 15:35	21.18	3.19	98.22	10.56	19.3	1.11	57.96	10.59	28.49	4.29	132.09	26.02	1.5	78.16	
23/09/2024 15:40	21.85	3.68	99.79	10.57	19.35	1.12	59.24	10.59	29.39	4.95	134.22	26.09	1.52	79.86	
23/09/2024 15:45	21.67	3.63	99.75	10.57	18.45	0.84	57.26	10.59	29.15	4.88	134.19	24.87	1.14	77.18	
23/09/2024 15:50	21.32	3.14	97.09	10.56	19.15	1.18	57.19	10.59	28.67	4.22	130.52	25.81	1.6	77.09	
23/09/2024 15:55	21.92	3.61	98.64	10.56	19.38	1.23	59.58	10.58	29.47	4.86	132.62	26.11	1.65	80.26	
23/09/2024 16:00	21.88	3.63	97.67	10.56	18.54	0.82	56.79	10.57	29.41	4.88	131.31	24.95	1.1	76.45	
23/09/2024 16:05	21.3	3.17	96.9	10.55	19.28	1.25	56.53	10.58	28.61	4.26	130.15	25.96	1.68	76.1	
23/09/2024 16:10	21.96	3.7	99.48	10.56	19.4	1.22	58.12	10.57	29.51	4.97	133.71	26.12	1.64	78.24	
23/09/2024 16:15	22.13	3.67	99.42	10.56	18.4	0.67	58.15	10.57	29.75	4.94	133.7	24.77	0.91	78.26	
23/09/2024 16:20	21.59	3.38	97.99	10.54	19.45	1.53	58.92	10.57	28.98	4.53	131.53	26.17	2.07	79.29	
23/09/2024 16:25	22.21	3.83	100.2	10.54	19.55	1.45	60.64	10.57	29.81	5.15	134.5	26.3	1.96	81.57	
23/09/2024 16:30	22.3	3.86	100.11	10.55	18.98	1.23	59.37	10.56	29.93	5.18	134.39	25.52	1.66	79.82	
23/09/2024 16:35	21.39	3.32	99.55	10.53	18.39	0.62	59.91	10.55	28.68	4.45	133.46	24.7	0.84	80.49	
23/09/2024 16:40	22.08	3.91	101.62	10.53	18.71	0.78	61.81	10.55	29.6	5.25	136.19	25.12	1.05	83	
23/09/2024 16:45	22.17	4	101.14	10.53	18.67	1.09	59.7	10.55	29.71	5.36	135.54	25.06	1.46	80.15	
23/09/2024 16:50	21.61	3.48	100.69	10.52	19.28	1.47	59.9	10.55	28.94	4.66	134.82	25.88	1.98	80.42	
23/09/2024 16:55	22.23	3.85	101.9	10.52	19.62	1.53	60.88	10.54	29.76	5.15	136.41	26.33	2.06	81.7	
23/09/2024 17:00	22.34	3.91	102.16	10.52	18.79	1.04	59.57	10.54	29.91	5.23	136.74	25.21	1.39	79.89	
23/09/2024 17:05	21.58	3.36	98.61	10.51	19.9	2.09	59.6	10.54	28.87	4.5	131.91	26.71	2.8	79.98	
23/09/2024 17:10	22.01	3.64	99	10.51	19.96	1.91	59.58	10.54	29.45	4.87	132.46	26.78	2.57	79.92	
23/09/2024 17:15	22.03	3.56	98.63	10.51	19.21	1.33	57.08	10.53	29.49	4.77	131.99	25.74	1.78	76.51	
23/09/2024 17:20	21.48	2.58	88.6	10.48	19.11	0.94	57.25	10.53	28.66	3.45	118.2	25.6	1.26	76.71	
23/09/2024 17:25	22.18	2.96	87.49	10.48	19.47	1.13	58.27	10.52	29.57	3.95	116.67	26.08	1.52	78.04	
23/09/2024 17:30	22.06	2.89	86.66	10.48	19	1	57.07	10.52	29.42	3.86	115.56	25.45	1.34	76.43	
23/09/2024 17:35	21.65	2.69	87.44	10.47	20.34	1.93	57.55	10.52	28.84	3.58	116.47	27.24	2.58	77.08	
23/09/2024 17:40	22.15	3.1	89.41	10.46	20.45	1.93	59.03	10.52	29.51	4.13	119.09	27.38	2.59	79.03	
23/09/2024 17:45	22.06	3.03	89.38	10.46	19.08	1.07	58.09	10.51	29.38	4.04	119.02	25.53	1.44	77.71	
23/09/2024 17:50	21.66	3.22	94.96	10.48	19.54	1.67	58.95	10.51	28.88	4.29	126.63	26.14	2.23	78.9	
23/09/2024 17:55	22.15	3.85	100.24	10.48	19.87	1.7	58.55	10.5	29.56	5.14	133.78	26.57	2.27	78.29	
23/09/2024 18:00	22.3	3.92	100.28	10.48	18.79	0.66	53.03	10.48	29.76	5.24	133.83	25.06	0.89	70.72	
23/09/2024 18:05	21.7	3.45	98.12	10.47	19.67	1.52	52.18	10.47	28.92	4.6	130.78	26.23	2.03	69.56	
23/09/2024 18:10	22.16	3.79	99.83	10.47	19.89	1.54	53.72	10.47	29.54	5.05	133.09	26.51	2.06	71.61	
23/09/2024 18:15	22.2	3.83	100.36	10.47	18.87	0.83	52.69	10.47	29.6	5.11	133.79	25.14	1.1	70.19	
23/09/2024 18:20	21.41	3.23	97.66	10.46	19.16	1.05	53.38	10.47	28.52	4.31	130.06	25.52	1.39	71.12	
23/09/2024 18:25	22.06	3.75	99.6	10.47	19.23	1.09	56.86	10.47	29.4	5	132.72	25.63	1.45	75.8	
23/09/2024 18:30	22.14	3.74	99.61	10.47	18.47	0.86	57.18	10.49	29.51	4.98	132.75	24.65	1.14	76.32	
23/09/2024 18:35	21.75	3.34	97.66	10.45	20.1	1.95	56.55	10.49	28.94	4.45	129.95	26.83	2.61	75.5	
23/09/2024 18:40	21.97	3.8	98.98	10.45	20.13	1.97	58.01	10.48	29.21	5.05	131.64	26.86	2.62	77.39	
23/09/2024 18:45	21.84	3.85	98.75	10.45	18.64	1.08	56.67	10.46	29.05	5.11	131.31	24.82	1.44	75.45	
23/09/2024 18:50	21.39	3.53	96.94	10.43	19.39	1.82	56.81	10.45	28.39	4.68	128.66	25.81	2.42	75.6	
23/09/2024 18:55	21.81	4.05	97.73	10.43	19.51	1.89	57.41	10.46	28.96	5.38	129.79	25.97	2.51	76.4	
23/09/2024 19:00	21.55	4.05	96.33	10.44	18.66	1.4	56.51	10.47	28.63	5.38	127.98	24.87	1.86	75.3	
23/09/2024 19:05	21.46	3.68	95.8	10.45	19.65	2.25	56.4	10.48	28.54	4.9	127.4	26.21	3	75.23	
23/09/2024 19:10	22.07	4.05	97.77	10.47	19.7	2.14	57.82	10.48	29.4	5.39	130.24	26.29	2.86	77.14	
23/09/2024 19:15	22.28	4.02	97.25	10.47	18.84	1.39	56.82	10.49	29.69	5.35	129.61	25.16	1.86	75.88	
23/09/2024 19:20	21.71	3.63	96.84	10.46	19.74	2.04	56.88	10.49	28.92	4.84	128.98	26.37	2.73	75.97	
23/09/2024 19:25	22.05	3.99	98.72	10.47	19.89	2.02	58.36	10.49	29.39	5.31	131.56	26.57	2.7	77.94	
23/09/2024 19:30	22.02	4	99.2	10.47	19.16	1.45	56.96	10.49	29.34	5.33	132.21	25.59	1.94	76.05	
23/09/2024 19:35	21.63	3.51	97.06	10.46	20.08	1.89	56.62	10.49	28.79	4.67	129.2	26.81	2.53	75.59	
23/09/2024 19:40	21.86	3.9	98.66	10.46	19.95	1.82	58.15	10.48	29.1	5.19	131.33	26.63	2.43	77.6	
23/09/2024 19:45	21.63	3.96	98.92	10.46	19.03	1.44	56.84	10.48	28.79	5.27	131.7	25.38	1.92	75.81	
23/09/2024 19:50	21.58	3.52	96.81	10.45	19.67	1.84	57.54	10.48	28.7	4.68	128.74	26.23	2.45	76.75	
23/09/2024 19:55	22.26	3.99	99.44	10.45	19.92	1.86	60.01	10.48	29.6	5.3	132.27	26.56	2.48	80.03	
23/09/2024 20:00	22.48	4.13	100.36	10.45	19.35	1.41	57.83	10.47	29.9	5.49	133.47	25.79	1.88	77.09	
23/09/2024 20:05	21.81	3.57	98.19	10.44	19.9	1.76	57.64	10.46	28.97	4.74	130.43	26.5	2.34	76.75	
23/09/2024 20:10	22.41	4.01	100.53	10.44	20.13	1.89	59.99	10.46	29.77	5.32	133.53	26.8	2.52	79.85	
23/09/2024 20:15	22.77	4.06	100.13	10.43	19.47	1.42	57.72	10.45	30.23	5.4	132.96	25.91	1.89	76.8	
23/09/2024 20:20	22	3.67	97.78	10.42	19.83	1.72	57.15	10.45	29.18	4.87	129.7	26.38	2.29	76.02	
23/09/2024 20:25	22.45	3.99	99.3	10.42	20.09	1.79	58.89	10.45	29.78	5.29	131.73	26.71	2.38	78.3	
23/09/2024 20:30	22.56	3.96	98.27	10.43	19.35	1.5	58.01	10.44	29.94	5.25	130.4	25.71	1.99	77.07	
23/09/2024 20:35	22.19	3.77													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/09/2024 22:15	22.2	4.49	100.64	10.4	19.03	1.93	58.21	10.42	29.39	5.94	133.23	25.24	2.56	77.18	
23/09/2024 22:20	21.63	4.18	98.7	10.39	19.43	2.31	58.28	10.42	28.61	5.52	130.56	25.77	3.07	77.29	
23/09/2024 22:25	21.98	4.54	100.4	10.4	19.64	2.35	59.82	10.42	29.1	6.01	132.89	26.05	3.12	79.33	
23/09/2024 22:30	21.95	4.58	99.75	10.4	18.95	1.97	59.14	10.42	29.06	6.06	132.05	25.14	2.61	78.45	
23/09/2024 22:35	21.58	4.1	98.23	10.4	19.16	2.26	59.23	10.42	28.56	5.43	129.99	25.42	3	78.58	
23/09/2024 22:40	22.07	4.58	101.08	10.4	19.46	2.39	61.03	10.42	29.22	6.06	133.78	25.81	3.16	80.94	
23/09/2024 22:45	22.23	4.64	101.78	10.4	18.68	1.89	59.09	10.42	29.43	6.15	134.74	24.77	2.51	78.35	
23/09/2024 22:50	21.6	4.21	99.89	10.39	19.15	2.33	59.28	10.42	28.56	5.57	132.11	25.39	3.09	78.6	
23/09/2024 22:55	22	4.55	101.07	10.4	19.35	2.36	60.53	10.42	29.12	6.03	133.75	25.66	3.13	80.25	
23/09/2024 23:00	22.02	4.55	101.31	10.4	18.66	1.91	58.52	10.42	29.14	6.02	134.08	24.76	2.53	77.63	
23/09/2024 23:05	21.5	4.12	98.48	10.39	19.15	2.25	58.17	10.42	28.44	5.45	130.29	25.4	2.98	77.17	
23/09/2024 23:10	21.88	4.52	100.36	10.4	19.32	2.3	61.11	10.42	28.97	5.99	132.88	25.63	3.05	81.07	
23/09/2024 23:15	21.89	4.53	100.55	10.4	18.76	1.94	58.58	10.43	28.98	6	133.12	24.9	2.58	77.76	
23/09/2024 23:20	21.6	4.16	98.3	10.4	19.01	2.24	58.37	10.43	28.59	5.51	130.1	25.24	2.97	77.47	
23/09/2024 23:25	21.96	4.49	99.72	10.4	19.3	2.31	60.25	10.43	29.08	5.95	132.03	25.61	3.06	79.95	
23/09/2024 23:30	22.02	4.55	100.64	10.4	18.64	1.86	58.11	10.42	29.15	6.02	133.25	24.73	2.47	77.09	
23/09/2024 23:35	21.47	4.06	98.21	10.39	19.06	2.32	59.09	10.43	28.41	5.37	129.93	25.3	3.09	78.43	
23/09/2024 23:40	21.93	4.48	99.68	10.4	19.26	2.33	60.22	10.42	29.01	5.92	131.9	25.55	3.09	79.9	
23/09/2024 23:45	21.83	4.49	99.28	10.39	18.66	1.94	61.89	10.41	28.88	5.94	131.35	24.73	2.58	82.04	
23/09/2024 23:50	21.33	4.45	103.54	10.39	19.27	2.47	63.85	10.42	28.21	5.88	136.93	25.54	3.27	84.65	
23/09/2024 23:55	21.64	4.76	104.27	10.39	19.5	2.47	63.94	10.42	28.63	6.3	137.96	25.85	3.28	84.77	
24/09/2024 00:00	21.67	4.72	102.98	10.4	18.49	1.68	58.13	10.42	28.68	6.25	136.29	24.51	2.23	77.07	
24/09/2024 00:05	21.5	4.03	96.94	10.39	19.32	2.06	56.69	10.42	28.43	5.32	128.21	25.62	2.74	75.17	
24/09/2024 00:10	22.22	4.29	97.85	10.39	19.55	2.14	57.69	10.42	29.39	5.67	129.39	25.92	2.84	76.49	
24/09/2024 00:15	22.34	4.33	98.7	10.39	18.61	1.63	57.21	10.41	29.54	5.72	130.49	24.66	2.16	75.81	
24/09/2024 00:20	21.49	3.95	96.46	10.38	19.35	2.14	57.44	10.41	28.4	5.22	127.48	25.64	2.83	76.12	
24/09/2024 00:25	22.02	4.45	99.82	10.39	19.45	2.13	58.85	10.41	29.12	5.88	131.99	25.78	2.82	77.97	
24/09/2024 00:30	21.77	4.44	99.88	10.39	18.68	1.69	56.87	10.41	28.78	5.87	132.06	24.75	2.23	75.36	
24/09/2024 00:35	21.5	4.08	98.17	10.39	19.16	2.09	56.22	10.41	28.42	5.4	129.78	25.39	2.77	74.5	
24/09/2024 00:40	22.03	4.46	99.64	10.39	19.35	2.17	58.08	10.41	29.13	5.89	131.75	25.64	2.87	76.96	
24/09/2024 00:45	22.14	4.49	99.81	10.39	18.83	1.83	57.13	10.41	29.28	5.93	131.98	24.94	2.42	75.67	
24/09/2024 00:50	21.41	4.03	97.58	10.38	18.95	2.18	57.43	10.4	28.28	5.32	128.91	25.1	2.89	76.05	
24/09/2024 00:55	21.82	4.41	99.18	10.38	19.33	2.34	58.92	10.4	28.84	5.82	131.09	25.6	3.1	78.03	
24/09/2024 01:00	21.67	4.31	98.53	10.38	18.56	1.68	57.69	10.4	28.64	5.7	130.2	24.57	2.22	76.39	
24/09/2024 01:05	21.48	4.07	98.34	10.38	18.98	2.19	58.2	10.4	28.37	5.37	129.89	25.14	2.9	77.08	
24/09/2024 01:10	21.97	4.43	99.45	10.38	19.24	2.2	59.31	10.4	29.03	5.85	131.42	25.48	2.91	78.52	
24/09/2024 01:15	22.13	4.44	99.72	10.38	18.62	1.72	57.48	10.4	29.24	5.87	131.77	24.65	2.27	76.1	
24/09/2024 01:20	21.58	4.03	97.39	10.37	19.23	2.09	57.29	10.4	28.49	5.32	128.57	25.45	2.77	75.83	
24/09/2024 01:25	21.92	4.42	99.52	10.38	19.42	2.15	59.12	10.4	28.96	5.84	131.45	25.7	2.84	78.25	
24/09/2024 01:30	21.92	4.41	99.31	10.38	18.56	1.75	57.84	10.4	28.96	5.82	131.18	24.56	2.32	76.56	
24/09/2024 01:35	21.55	4.01	95.86	10.37	19.17	2.17	57.88	10.4	28.46	5.3	126.55	25.38	2.87	76.63	
24/09/2024 01:40	22.11	4.36	98.51	10.37	19.46	2.21	59.64	10.4	29.2	5.76	130.08	25.75	2.92	78.93	
24/09/2024 01:45	22.3	4.35	98.59	10.38	18.65	1.68	57.59	10.4	29.45	5.74	130.21	24.69	2.22	76.22	
24/09/2024 01:50	21.59	3.98	97.45	10.37	19.25	2.03	57.35	10.4	28.5	5.26	128.63	25.47	2.69	75.89	
24/09/2024 01:55	22.15	4.34	98.92	10.37	19.47	2.09	58.97	10.4	29.24	5.73	130.6	25.76	2.76	78.02	
24/09/2024 02:00	22.44	4.27	98.23	10.37	18.73	1.7	57.89	10.39	29.61	5.63	129.66	24.78	2.25	76.58	
24/09/2024 02:05	21.7	3.95	97.62	10.36	19.15	2.18	57.96	10.39	28.62	5.21	128.75	25.32	2.88	76.66	
24/09/2024 02:10	22.15	4.36	99.89	10.37	19.42	2.23	59.35	10.39	29.24	5.75	131.82	25.69	2.94	78.48	
24/09/2024 02:15	22.09	4.38	100.33	10.37	18.82	1.74	58.3	10.38	29.16	5.78	132.4	24.88	2.31	77.06	
24/09/2024 02:20	21.58	4.01	97.52	10.36	19.38	2.12	59.3	10.39	28.45	5.28	128.6	25.62	2.8	78.39	
24/09/2024 02:25	21.95	4.38	99.74	10.37	19.56	2.12	60.15	10.39	28.96	5.78	131.61	25.86	2.8	79.52	
24/09/2024 02:30	21.92	4.42	99.91	10.37	18.8	1.69	57.79	10.38	28.93	5.84	131.86	24.85	2.23	76.38	
24/09/2024 02:35	21.56	3.99	97.91	10.36	19.7	2.16	58.14	10.39	28.43	5.26	129.12	26.04	2.85	76.87	
24/09/2024 02:40	21.99	4.35	99.45	10.37	19.78	2.14	59.44	10.39	29.02	5.74	131.23	26.15	2.83	78.59	
24/09/2024 02:45	22.2	4.38	99.2	10.37	18.76	1.75	58.61	10.39	29.3	5.78	130.9	24.8	2.31	77.51	
24/09/2024 02:50	21.66	3.99	97.12	10.36	19.23	2.08	57.97	10.38	28.57	5.26	128.09	25.42	2.75	76.63	
24/09/2024 02:55	22.04	4.38	99.17	10.37	19.51	2.11	59.31	10.38	29.08	5.78	130.87	25.78	2.8	78.4	
24/09/2024 03:00	22.13	4.44	99.55	10.37	18.74	1.73	57.81	10.38	29.2	5.86	131.39	24.77	2.28	76.4	
24/09/2024 03:05	21.52	3.97	97.04	10.36	19.22	2.14	58.25	10.38	28.38	5.24	127.97	25.4	2.83	76.99	
24/09/2024 03:10	21.98	4.46	99.37	10.36	19.42	2.19	59.68	10.38	28.99	5.88	131.07	25.67	2.89	78.88	
24/09/2024 03:15	21.91	4.5	99.44	10.36	18.66	1.66	57.56	10.39	28.9	5.94	131.17	24.66	2.2	76.09	
24/09/2024 03:20	21.66	4.02	97.43	10.36	19.51	2.09	58.04	10.39	28.57	5.3	128.5	25.8	2.77	76.75	
24/09/2024 03:25	22.2	4.33	97.6	10.37	19.77	2.18	59.67	10.39	29.3	5.72	128.82	26.14	2.88	78.9	
24/09/2024 03:30	22.42	4.41	98.03	10.37	18.65	1.72	57.5	10.39	29.59	5.82	129.39	24.66	2.28	76.03	
24/09/2024 03:35	21.79	4.06	96.13	10.36	19.35	2.16	56.82	10.39	28.74	5.36	126.83	25.59	2.86	75.15	
24/09/2024 03:40	22.17	4.29	98.09	10.37	19.63	2.31	59.41	10.39	29.25	5.66	129.44	25.97	3.06	78.56	
24/09/2024 03:45	22.16	4.16	97.45	10.37	18.73	1.69	57.34	10.39	29.25	5.49	128.65	24.77	2.24	75.81	
24/09/2024 03:50	21.68	3.93	96.22	10.36	19.4	2.08	57.21	10.39	28.6	5.18	126.93	25.65	2.74	75.64	
24/09/2024 03:55	22.18	4.32	98.89	10.37	19.65	2.06	58.35	10.39	29.28	5.71	130.53	25.98	2.73	77.15	
24/09/2024 04:00	22.13	4.31	98.41	10.37	18.98	1.66	56.91	10.39	29.21	5.7	129.92	25.09	2.2	75.24	
24/09/2024 04:05	21.6	3.95	97.18	10.36	19.57	2.05	56.99	10.39	28.5	5.21	128.18	25.88	2.71	75.36	
24/09/2024 04:10	22.11	4.26	99	10.36	19.67	2.1	58.57	10.39	29.17	5.62	130.59	26.01	2.78	77.43	
24/09/2024 04:15	21.95	4.28	100.08	10.36	19.1	1.7	56.83	10.39	28.96	5.65	132.01	25.25	2.25	75.13	
24/09/2024 04:20	21.67														







Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24/09/2024 13:45	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 13:50	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 13:55	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:00	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:05	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:10	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:15	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:20	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:25	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:30	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:35	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:40	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:45	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:50	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 14:55	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 15:00	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 15:05	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 15:10	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 15:15	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 15:20	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 15:25	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 15:30	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 15:35	11.67	0.6	91.27	15.61	12.89	0	53.92	15.79	30.68	1.59	239.74	35.03	0	146.56	
24/09/2024 15:40	11.31	0.75	93.72	15.62	12.9	0.03	55.6	15.78	29.8	1.99	246.94	35.04	0.08	150.89	
24/09/2024 15:45	11.53	0.94	94.16	15.64	11.76	0	55.57	15.87	30.47	2.48	248.77	32.49	0	153.44	
24/09/2024 15:50	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 15:55	11.26	0.56	92.48	15.01	12.08	0	54.55	15.93	26.56	1.33	218.18	33.76	0	152.45	
24/09/2024 16:00	11.63	0.78	93.52	15.01	12.08	0	54.55	15.93	27.44	1.84	220.65	33.76	0	152.45	
24/09/2024 16:05	11.74	0.84	95.06	15.01	11.92	0.03	57.46	15.43	27.71	1.98	224.39	30.49	0.07	146.32	
24/09/2024 16:10	11.61	0.8	94.17	15.02	12.38	0	55.53	15.15	27.42	1.89	222.44	29.95	0	134.3	
24/09/2024 16:15	11.15	0.25	93.82	15.03	12.47	0	55.48	15.16	26.42	0.6	222.27	30.17	0	134.27	
24/09/2024 16:20	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 16:25	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 16:30	11.68	0.87	94.68	14.87	12.47	0	55.48	15.16	26.95	2.02	218.39	30.17	0	134.27	
24/09/2024 16:35	11.33	1.01	95.48	14.88	12.16	0.03	57.25	15.05	26.19	2.33	220.64	28.91	0.07	135.94	
24/09/2024 16:40	11	1	91.7	14.9	12.16	0	56.72	14.99	25.51	2.32	212.46	28.6	0	133.45	
24/09/2024 16:45	10.63	0.2	93.67	14.92	12.59	0	56.88	15	24.73	0.46	217.82	29.68	0	134.03	
24/09/2024 16:50	maintenanc	maintenanc	maintenanc	maintenanc	12.59	0	56.88	15	maintenanc	maintenanc	maintenanc	29.68	0	134.03	
24/09/2024 16:55	maintenanc	maintenanc	maintenanc	maintenanc	12.59	0	56.88	15	maintenanc	maintenanc	maintenanc	29.68	0	134.03	
24/09/2024 17:00	maintenanc	maintenanc	maintenanc	maintenanc	12.59	0	56.88	15	maintenanc	maintenanc	maintenanc	29.68	0	134.03	
24/09/2024 17:05	10.91	1.65	80.89	14.87	12.59	0	56.88	15	25.16	3.79	186.48	29.68	0	134.03	
24/09/2024 17:10	11.04	1.89	81.66	14.84	12.48	0.09	56.94	14.99	25.34	4.33	187.32	29.33	0.2	133.83	
24/09/2024 17:15	11.14	1.95	82	14.82	11.58	0	40.95	14.86	25.48	4.47	187.52	26.63	0	94.18	
24/09/2024 17:20	11.52	1.29	74.58	14.78	11.88	0.02	41.31	14.85	26.15	2.92	169.38	27.29	0.04	94.91	
24/09/2024 17:25	12.42	1.47	71.29	14.76	11.85	0.09	42.47	14.85	28.09	3.32	161.27	27.21	0.19	97.46	
24/09/2024 17:30	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 17:35	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 17:40	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 17:45	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc
24/09/2024 17:50	10.81	3.33	97.85	15.73	13.08	0.22	40.5	14.87	29.07	8.96	262.99	30.13	0.5	93.29	
24/09/2024 17:55	10.63	3.03	98.54	15.74	12.99	0.3	41.98	14.9	28.64	8.16	265.38	30.06	0.74	97.85	
24/09/2024 18:00	10.64	2.94	99.28	15.76	12.44	0.08	51.59	15.77	28.75	7.94	268.29	33.72	0.2	139.85	
24/09/2024 18:05	10.31	2.43	97.08	15.76	12.92	0.37	52.1	15.79	27.91	6.57	262.69	35.18	1.01	141.83	
24/09/2024 18:10	10.7	2.62	99.81	15.79	12.77	0.5	53.84	15.8	29.1	7.13	271.56	34.78	1.35	146.61	
24/09/2024 18:15	10.83	2.6	99.38	15.8	12.58	0.03	52.43	15.82	29.51	7.07	270.85	34.44	0.07	143.58	
24/09/2024 18:20	10.82	1.93	97.16	15.79	13.05	0	52.12	15.83	29.45	5.27	264.4	35.81	0	142.99	
24/09/2024 18:25	11.07	1.86	99.11	15.79	13.11	0.03	53.07	15.83	30.11	5.07	269.52	35.97	0.09	145.55	
24/09/2024 18:30	11.63	1.8	98.72	15.78	12.31	0	56.76	15.83	31.55	4.88	267.91	33.74	0	155.53	
24/09/2024 18:35	11.26	1.31	96.72	15.77	12.51	0	57.44	15.83	30.5	3.55	261.85	34.32	0	157.56	
24/09/2024 18:40	11.36	1.44	99.16	15.76	12.36	0.05	59.01	15.83	30.69	3.88	267.98	33.85	0.14	161.58	
24/09/2024 18:45	11.52	1.45	99.39	15.75	12.43	0	56.77	15.79	31.09	3.93	268.34	33.82	0	154.48	
24/09/2024 18:50	11.29	1.03	98	15.73	12.97	0	57.36	15.79	30.37	2.77	263.61	35.29	0	156.05	
24/09/2024 18:55	11.73	1.27	99.66	15.71	12.95	0.02	58.66	15.78	31.44	3.41	267.11	35.19	0.06	159.35	
24/09/2024 19:00	12.13	1.39	100.39	15.71	12.69	0.01	57.02	15.75	32.5	3.73	269.08	34.24	0.02	153.81	
24/09/2024 19:05	11.91	0.91	98.37	15.69	13.37	0	56.35	15.74	31.8	2.45	262.62	36.06	0	151.91	
24/09/2024 19:10	11.94	1.06	98.94	15.67	13.3	0.04	57.71	15.74	31.76	2.82	263.17	35.83	0.1	155.41	
24/09/2024 19:15	12.17	0.95	98.83	15.68	13.05	0	56.57	15.71	32.38	2.54	262.91	34.97	0.01	151.55	
24/09/2024 19:20	11.99	0.64	96.76	15.66	13.56	0	57.26	15.71	31.8	1.69	256.63	36.31	0	153.39	
24/09/2024 19:25	12.23	0.89	98.16	15.64	13.51	0.03	59.25	15.7	32.35	2.36	259.6	36.16	0.08	158.48	
24/09/2024 19:30	12.39	0.86	97.94	15.64	13.31	0	55.83	15.67	32.73	2.27	258.69	35.4	0	148.48	
24/09/2024 19:35	12.25	0.53	95.7	15.63	14	0	56.37	15.67	32.28	1.41	252.18	37.24	0	149.91	
24/09/2024 19:40	12.26	0.81	97.8	15.61	14.12	0.01	57	15.67	32.24	2.13	257.07	37.51	0.02	151.43	
24/09/2024 19:45	12.09	1.03	98.33	15.62	13.18	0	56.31	15.64	31.82	2.71	258.72	34.85	0	148.92	
24/09/2024 19:50	12.06	0.71	95.43	15.61	13.67	0	56.51	15.65	31.67	1.86	250.61	36.23	0	149.73	
24/09/2024 19:55	12.42	1.04	96.62	15.61	13.59	0.04	57.59	15.65	32.61	2.73	253.74	36.01	0.09	152.53	
24/09/2024 20:00	12.63	1.19	96	15.61	13.38	0	55.61	15.65	33.16	3.12	252.15	35.43	0	147.19	
24/09/2024 20:05	12.33	0.88	94.72	15.61	13.86	0	55.38	15.66	32.4	2.32	248.86	36.79	0	146.98	
24/09/2024 20:10	12.56	1.25	96.43	15.63	13.77	0.									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
24/09/2024 21:30	12.86	1.81	97.92	15.78	13.32	0.02	57.25	15.81	34.88	4.92	265.58	36.38	0.06	156.31	
24/09/2024 21:35	12.52	1.37	97.88	15.76	13.81	0	56.85	15.81	33.89	3.72	264.8	37.71	0	155.29	
24/09/2024 21:40	12.47	1.59	99.75	15.75	13.63	0.06	58.41	15.81	33.62	4.28	268.99	37.21	0.16	159.4	
24/09/2024 21:45	12.64	1.7	101.23	15.74	13.26	0.01	59.09	15.78	34.03	4.59	272.57	35.95	0.02	160.29	
24/09/2024 21:50	12.42	1.21	99.46	15.72	14.11	0	59.31	15.76	33.31	3.25	266.73	38.19	0	160.52	
24/09/2024 21:55	12.47	1.36	100.35	15.69	14.19	0.05	60.8	15.76	33.3	3.62	267.92	38.38	0.14	164.43	
24/09/2024 22:00	12.94	1.38	99.7	15.7	13.48	0.01	58.75	15.72	34.55	3.67	266.27	36.19	0.03	157.7	
24/09/2024 22:05	12.79	0.96	97.84	15.67	14.31	0	58.21	15.72	34.03	2.57	260.25	38.37	0	156.15	
24/09/2024 22:10	12.86	1.19	99.46	15.66	14.32	0.01	60.38	15.72	34.09	3.14	263.6	38.39	0.03	161.86	
24/09/2024 22:15	13.02	1.23	99.47	15.65	13.69	0	58.37	15.69	34.46	3.27	263.36	36.55	0	155.79	
24/09/2024 22:20	12.72	0.89	98.69	15.64	14.08	0	59.97	15.69	33.61	2.36	260.72	37.59	0	160.13	
24/09/2024 22:25	12.6	1.21	102.57	15.63	13.99	0.05	61.37	15.69	33.21	3.19	270.37	37.35	0.14	163.72	
24/09/2024 22:30	12.47	1.39	103.41	15.63	13.29	0.01	63.68	15.67	32.88	3.67	272.64	35.32	0.01	169.22	
24/09/2024 22:35	12.2	1.14	102.26	15.62	13.65	0	63.95	15.68	32.13	3	269.21	36.31	0	170.15	
24/09/2024 22:40	12.22	1.37	105.62	15.61	13.55	0.05	65.39	15.67	32.11	3.6	277.51	36.04	0.13	173.81	
24/09/2024 22:45	12.64	1.45	105.05	15.61	13.42	0	64.32	15.65	33.19	3.82	275.83	35.53	0	170.31	
24/09/2024 22:50	12.65	0.91	100.81	15.6	14	0	62.06	15.66	33.17	2.39	264.27	37.1	0	164.48	
24/09/2024 22:55	12.96	0.93	99.67	15.59	14.03	0.04	63.2	15.65	33.92	2.44	260.82	37.16	0.1	167.35	
24/09/2024 23:00	12.92	1	99.31	15.58	14.04	0	58.26	15.63	33.77	2.61	259.54	37.02	0	153.56	
24/09/2024 23:05	13.03	0.69	96.73	15.57	14.82	0	57.65	15.63	33.97	1.79	252.27	39.07	0	151.98	
24/09/2024 23:10	13.27	0.83	98.28	15.57	14.91	0	58.59	15.62	34.58	2.16	256.12	39.3	0.01	154.35	
24/09/2024 23:15	13.55	0.97	98.56	15.57	14.06	0	57.94	15.61	35.33	2.53	257.05	36.98	0	152.37	
24/09/2024 23:20	13.23	0.68	97.61	15.57	14.47	0	58.27	15.63	34.47	1.77	254.35	38.14	0	153.61	
24/09/2024 23:25	13.08	0.92	100.88	15.57	14.51	0.04	59.67	15.62	34.11	2.4	263.03	38.24	0.11	157.16	
24/09/2024 23:30	13	1.08	101.31	15.57	14.01	0	60.48	15.61	33.89	2.81	264.15	36.82	0	158.97	
24/09/2024 23:35	12.84	0.74	100.2	15.56	14.29	0	60.21	15.62	33.45	1.93	260.92	37.59	0	158.37	
24/09/2024 23:40	12.96	0.89	100.82	15.56	14.18	0.03	62.64	15.61	33.71	2.32	262.33	37.26	0.08	164.59	
24/09/2024 23:45	13.14	0.95	101.28	15.55	13.88	0	59.89	15.6	34.17	2.48	263.37	36.41	0	157.13	
24/09/2024 23:50	12.92	0.7	100.19	15.55	14.22	0	60.26	15.6	33.57	1.82	260.24	37.31	0	158.09	
24/09/2024 23:55	13.03	0.86	101.1	15.55	14.14	0.03	61.83	15.6	33.86	2.23	262.64	37.06	0.09	162.08	
25/09/2024 00:00	13.11	0.92	100.08	15.55	13.72	0	60.5	15.59	34.08	2.4	260.17	35.95	0	158.47	
25/09/2024 00:05	12.88	0.69	99.43	15.54	14.15	0	60.98	15.59	33.42	1.8	258	37.07	0	159.71	
25/09/2024 00:10	12.69	1.03	103.25	15.54	14.25	0.04	62.47	15.59	32.91	2.68	267.67	37.29	0.11	163.47	
25/09/2024 00:15	12.98	1.11	104.03	15.54	13.37	0	63.9	15.58	33.69	2.88	269.89	34.93	0	166.87	
25/09/2024 00:20	12.76	0.8	101.58	15.53	14.03	0	62.24	15.58	33.06	2.08	263.07	36.66	0	162.61	
25/09/2024 00:25	12.69	0.99	103.19	15.53	13.97	0.04	63.8	15.58	32.84	2.57	267.02	36.5	0.12	166.59	
25/09/2024 00:30	12.5	1.06	102.59	15.53	13.54	0	62.64	15.57	32.35	2.75	265.54	35.32	0	163.33	
25/09/2024 00:35	12.53	0.86	101.47	15.52	14.03	0	63.08	15.57	32.39	2.23	262.26	36.62	0	164.59	
25/09/2024 00:40	12.55	1.3	107.85	15.52	13.98	0.06	65.02	15.57	32.43	3.37	278.61	36.47	0.16	169.51	
25/09/2024 00:45	12.75	1.56	109.38	15.52	12.89	0.01	70.11	15.55	32.92	4.04	282.44	33.53	0.02	182.33	
25/09/2024 00:50	12.12	1.49	109.78	15.51	12.91	0	72.78	15.56	31.27	3.85	283.31	33.63	0	189.58	
25/09/2024 00:55	11.57	2	115.74	15.52	12.8	0.05	74.06	15.56	29.88	5.17	298.74	33.33	0.13	192.84	
25/09/2024 01:00	11.48	2.09	116.05	15.52	12.15	0.02	77.32	15.55	29.65	5.41	299.58	31.57	0.05	200.98	
25/09/2024 01:05	11.3	1.87	116.26	15.51	12.21	0	80.21	15.56	29.14	4.82	299.83	31.79	0	208.87	
25/09/2024 01:10	11.31	2.24	118.83	15.51	12.16	0.09	81.46	15.56	29.16	5.78	306.39	31.67	0.22	212.04	
25/09/2024 01:15	11.34	2.45	119.5	15.51	11.84	0.03	78.78	15.55	29.26	6.33	308.23	30.78	0.08	204.85	
25/09/2024 01:20	11.3	2.1	116.95	15.51	12.21	0	78.88	15.56	29.13	5.42	301.35	31.8	0	205.42	
25/09/2024 01:25	11.41	2.29	118.86	15.5	12.28	0.09	80.18	15.56	29.4	5.89	306.23	31.97	0.24	208.67	
25/09/2024 01:30	11.42	2.55	119.75	15.5	11.8	0.04	79.84	15.56	29.42	6.56	308.42	30.68	0.09	207.63	
25/09/2024 01:35	11.31	2.04	116.91	15.5	12.47	0	78.79	15.56	29.13	5.25	301.16	32.47	0	205.13	
25/09/2024 01:40	11.51	2.15	117.1	15.51	12.58	0.08	80.12	15.56	29.67	5.54	301.91	32.73	0.19	208.48	
25/09/2024 01:45	11.56	2.16	116.27	15.51	12.1	0.02	75.3	15.55	29.81	5.56	299.8	31.45	0.05	195.65	
25/09/2024 01:50	11.48	1.77	114.57	15.51	12.58	0	75.76	15.56	29.6	4.56	295.4	32.76	0	197.3	
25/09/2024 01:55	11.57	2.15	117.12	15.51	12.64	0.09	77.43	15.56	29.84	5.54	301.98	32.91	0.22	201.6	
25/09/2024 02:00	11.72	2.36	118.5	15.51	12.11	0.03	77.56	15.56	30.24	6.09	305.82	31.52	0.08	201.82	
25/09/2024 02:05	11.5	1.92	115.82	15.51	12.52	0	78.1	15.57	29.66	4.96	298.78	32.64	0	203.57	
25/09/2024 02:10	11.46	2.2	117.83	15.51	12.56	0.06	79.35	15.57	29.57	5.67	303.99	32.73	0.15	206.71	
25/09/2024 02:15	11.58	2.3	117.03	15.51	11.76	0.03	78.74	15.55	29.86	5.93	301.86	30.58	0.07	204.7	
25/09/2024 02:20	11.37	2	117.13	15.51	12.01	0	78.98	15.56	29.31	5.15	301.87	31.25	0	205.6	
25/09/2024 02:25	11.37	2.32	118.82	15.51	11.92	0.09	80.66	15.56	29.34	6	306.5	31.03	0.24	209.9	
25/09/2024 02:30	11.17	2.49	119.36	15.51	11.58	0.05	80.38	15.56	28.82	6.41	307.95	30.11	0.13	209.05	
25/09/2024 02:35	11.1	2.11	118.14	15.51	11.96	0	79.97	15.57	28.63	5.45	304.61	31.17	0	208.45	
25/09/2024 02:40	11.35	2.38	119.52	15.51	11.88	0.09	81.6	15.56	29.28	6.15	308.18	30.93	0.22	212.46	
25/09/2024 02:45	11.53	2.49	119.81	15.51	11.62	0.03	80.44	15.55	29.74	6.41	309.03	30.22	0.08	209.16	
25/09/2024 02:50	11.33	2.11	117.19	15.51	12.08	0	79.52	15.56	29.22	5.45	302.1	31.43	0	206.93	
25/09/2024 02:55	11.27	2.29	118.7	15.51	12.05	0.09	80.89	15.56	29.06	5.9	306.19	31.33	0.22	210.36	
25/09/2024 03:00	11.5	2.42	118.78	15.51	11.81	0.04	79.41	15.56	29.65	6.25	306.28	30.73	0.11	206.57	
25/09/2024 03:05	11.31	2.04	115.57	15.51	12.28	0	77.57	15.56	29.16	5.26	297.9	31.95	0	201.76	
25/09/2024 03:10	11.35	2.22	117.63	15.51	12.31	0	78.97	15.55	29.27	5.73	303.43	32.02	0	205.36	
25/09/2024 03:15	11.75	2.3	116.89	15.51	11.65	0.03	77.98	15.55	30.31	5.93	301.5	30.25	0.09	202.53	
25/09/2024 03:20	11.43	1.94	115.54	15.51	12.32	0	77.14	15.56	29.47	5.01	297.78	32.07	0	200.72	
25/09/2024 03:25	11.42	2.14	117.07	15.51	12.36	0.08	78.02	15.56	29.45	5.52	301.78	32.15	0.2	202.9	
25/09/2024 03:30	11.89	2.25	117.08	15.51	11.82	0.05	77.79	15.55	30.65	5.8	301.8	30.71	0.12	202.06	
25/09/2024 03:35	11.52	1.99	115.73	15.5	12.27	0	78.08	15.56							



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%7
ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
25/09/2024 05:15	11.61	2.31	117.3	15.5	11.84	0.03	77.53	15.54	29.87	5.95	301.76	30.69	0.07	200.97	
25/09/2024 05:20	11.46	2	115.96	15.5	12.46	0	76.85	15.54	29.49	5.14	298.35	32.32	0	199.33	
25/09/2024 05:25	11.44	2.2	117.26	15.5	12.56	0.08	78.21	15.54	29.47	5.66	301.95	32.56	0.21	202.78	
25/09/2024 05:30	11.58	2.34	116.92	15.5	11.92	0.03	78.33	15.54	29.82	6.04	301.14	30.93	0.08	203.21	
25/09/2024 05:35	11.39	1.98	115.58	15.5	12.17	0	77.95	15.55	29.3	5.09	297.31	31.58	0	202.39	
25/09/2024 05:40	11.57	2.16	117	15.5	12.26	0.08	78.75	15.54	29.78	5.57	301.2	31.81	0.2	204.28	
25/09/2024 05:45	11.7	2.33	117.36	15.5	11.95	0.04	78.52	15.54	30.14	6	302.27	31	0.1	203.76	
25/09/2024 05:50	11.51	1.96	115.59	15.5	12.2	0	78.86	15.55	29.61	5.05	297.33	31.67	0	204.8	
25/09/2024 05:55	11.52	2.2	117.57	15.5	12.18	0.08	80.31	15.55	29.62	5.65	302.36	31.62	0.2	208.45	
25/09/2024 06:00	11.58	2.34	118.3	15.5	11.84	0.04	78.88	15.54	29.8	6.04	304.5	30.7	0.12	204.62	
25/09/2024 06:05	11.42	2.02	115.89	15.49	12.28	0	78.9	15.55	29.37	5.2	298.01	31.88	0	204.8	
25/09/2024 06:10	11.54	2.19	117.62	15.49	12.32	0.08	80.64	15.54	29.66	5.63	302.39	31.98	0.21	209.24	
25/09/2024 06:15	11.8	2.31	116.7	15.5	11.75	0.06	80.46	15.54	30.35	5.95	300.23	30.44	0.15	208.49	
25/09/2024 06:20	11.46	2.01	116.56	15.49	12.18	0	80.15	15.54	29.47	5.17	299.72	31.63	0	208.02	
25/09/2024 06:25	11.39	2.3	118.42	15.5	12.22	0.08	81.24	15.54	29.3	5.91	304.68	31.71	0.22	210.74	
25/09/2024 06:30	11.48	2.49	119.08	15.5	11.78	0.08	79.57	15.54	29.58	6.4	306.69	30.53	0.21	206.23	
25/09/2024 06:35	11.28	2.06	117.12	15.5	12.24	0	79.39	15.55	29.02	5.31	301.36	31.8	0	206.32	
25/09/2024 06:40	11.26	2.32	119.01	15.49	12.32	0.09	80.84	15.55	28.97	5.97	306.07	32.02	0.23	210	
25/09/2024 06:45	11.31	2.52	119.91	15.5	11.46	0.04	80.02	15.54	29.14	6.48	308.83	29.71	0.11	207.46	
25/09/2024 06:50	11.11	2.11	118.14	15.5	11.82	0	80.22	15.54	28.58	5.44	303.96	30.67	0	208.23	
25/09/2024 06:55	11.07	2.33	119.2	15.49	11.78	0.09	81.45	15.54	28.47	5.99	306.43	30.55	0.22	211.27	
25/09/2024 07:00	11.14	2.45	119.75	15.49	11.45	0.04	80	15.54	28.63	6.31	307.71	29.68	0.1	207.41	
25/09/2024 07:05	11.18	2.09	117.27	15.49	11.92	0	79.05	15.54	28.72	5.36	301.16	30.93	0	205.06	
25/09/2024 07:10	11.42	2.24	117.95	15.5	11.84	0.08	80.08	15.54	29.38	5.76	303.4	30.69	0.2	207.6	
25/09/2024 07:15	11.53	2.28	117.05	15.5	11.84	0.04	78.39	15.54	29.67	5.87	301.2	30.72	0.1	203.38	
25/09/2024 07:20	11.39	1.97	115.11	15.5	12.32	0	77.39	15.55	29.31	5.07	296.21	31.99	0	201.04	
25/09/2024 07:25	11.55	2.23	117.94	15.5	12.31	0.08	78.63	15.55	29.74	5.73	303.72	31.97	0.2	204.13	
25/09/2024 07:30	11.61	2.28	117.09	15.5	11.81	0.04	79	15.54	29.91	5.88	301.67	30.66	0.11	205.03	
25/09/2024 07:35	11.37	1.92	115.85	15.5	12.16	0	79.07	15.55	29.28	4.93	298.33	31.6	0	205.54	
25/09/2024 07:40	11.41	2.23	118.22	15.51	12.22	0	80.6	15.55	29.4	5.74	304.66	31.76	0	209.54	
25/09/2024 07:45	11.66	2.31	118.11	15.51	11.83	0.05	78.71	15.55	30.06	5.97	304.64	30.73	0.13	204.44	
25/09/2024 07:50	11.4	1.98	116.44	15.51	12.2	0	79.08	15.56	29.39	5.09	300.26	31.76	0	205.89	
25/09/2024 07:55	11.47	2.21	117.88	15.51	12.24	0.08	80.61	15.56	29.57	5.69	303.91	31.86	0.21	209.76	
25/09/2024 08:00	11.75	2.31	117.77	15.51	11.78	0.04	78.84	15.55	30.32	5.97	303.84	30.61	0.12	204.93	
25/09/2024 08:05	11.53	1.97	116.27	15.51	12.16	0	78.66	15.56	29.74	5.08	299.78	31.62	0	204.57	
25/09/2024 08:10	11.41	2.19	118.12	15.51	12.19	0.07	79.76	15.55	29.43	5.66	304.79	31.69	0.19	207.26	
25/09/2024 08:15	11.52	2.27	118.36	15.51	11.88	0.03	77.94	15.55	29.72	5.85	305.46	30.84	0.08	202.39	
25/09/2024 08:20	11.33	1.89	116.75	15.51	12.16	0	78.74	15.55	29.21	4.87	300.91	31.61	0	204.65	
25/09/2024 08:25	11.44	2.06	117.61	15.5	12.14	0	78.72	15.55	29.44	5.3	302.73	31.56	0	204.64	
25/09/2024 08:30	11.86	2.33	117.09	15.5	12.06	0.08	78.45	15.54	30.53	6	301.41	31.27	0.2	203.39	
25/09/2024 08:35	11.64	1.94	115.94	15.5	12.37	0	77.42	15.54	29.94	4.98	298.27	32.08	0	200.77	
25/09/2024 08:40	11.57	2.04	116.95	15.5	12.42	0.07	78.71	15.54	29.81	5.26	301.22	32.2	0.19	203.94	
25/09/2024 08:45	11.66	2.02	116.41	15.5	12.09	0.04	77.12	15.54	30.02	5.19	299.81	31.38	0.09	200.13	
25/09/2024 08:50	11.63	1.63	113.66	15.5	12.8	0	76.1	15.55	29.96	4.2	292.8	33.28	0	197.77	
25/09/2024 08:55	11.85	1.79	114.1	15.51	12.89	0.06	77.52	15.55	30.55	4.62	294.17	33.48	0.17	201.37	
25/09/2024 09:00	11.98	1.83	113.48	15.51	12.28	0.02	75.7	15.55	30.9	4.72	292.63	31.9	0.04	196.58	
25/09/2024 09:05	11.67	1.54	113.49	15.5	12.55	0	75.31	15.55	30.06	3.98	292.3	32.6	0	195.59	
25/09/2024 09:10	11.71	1.85	115.73	15.5	12.46	0.07	76.87	15.55	30.16	4.77	298.1	32.35	0.18	199.51	
25/09/2024 09:15	11.58	1.89	116.44	15.5	12.15	0.01	77.06	15.54	29.82	4.87	299.89	31.54	0.03	199.99	
25/09/2024 09:20	11.54	1.62	114.06	15.5	12.64	0	75.65	15.54	29.71	4.17	293.54	32.81	0	196.33	
25/09/2024 09:25	11.59	1.79	115.79	15.5	12.67	0	76.61	15.54	29.83	4.62	298.05	32.88	0	198.8	
25/09/2024 09:30	11.69	1.95	115.17	15.5	12.13	0.04	77.35	15.54	30.09	5.03	296.55	31.46	0.11	200.64	
25/09/2024 09:35	11.56	1.62	113.92	15.5	12.53	0	76.19	15.55	29.77	4.17	293.26	32.52	0	197.84	
25/09/2024 09:40	11.81	1.93	115.75	15.51	12.42	0	76.42	15.55	30.45	4.97	298.3	32.25	0	198.44	
25/09/2024 09:45	11.97	2.06	115.53	15.51	12.11	0.08	77.08	15.54	30.89	5.33	298.16	31.44	0.21	200.01	
25/09/2024 09:50	11.67	1.67	113.9	15.51	12.6	0	76.67	15.55	30.09	4.29	293.64	32.73	0	199.23	
25/09/2024 09:55	11.56	1.89	115.88	15.51	12.66	0.05	77.2	15.55	29.8	4.86	298.86	32.87	0.13	200.51	
25/09/2024 10:00	11.69	2	116.52	15.52	11.85	0.01	77.31	15.55	30.17	5.17	300.79	30.77	0.04	200.8	
25/09/2024 10:05	11.5	1.66	114.47	15.51	12.17	0	77.62	15.56	29.66	4.28	295.28	31.66	0	201.97	
25/09/2024 10:10	11.57	1.88	115.7	15.51	12.08	0.07	78.98	15.56	29.83	4.84	298.32	31.41	0.18	205.4	
25/09/2024 10:15	11.64	2.02	115.81	15.5	12.01	0.01	77.16	15.54	29.99	5.2	298.37	31.18	0.04	200.22	
25/09/2024 10:20	11.4	1.69	114.33	15.5	12.23	0	77.44	15.55	29.38	4.36	294.54	31.77	0	201.26	
25/09/2024 10:25	11.53	1.91	116.06	15.5	12.22	0	77.17	15.55	29.69	4.92	298.97	31.75	0	200.5	
25/09/2024 10:30	11.53	2.11	115.91	15.51	11.72	0.07	78.41	15.55	29.73	5.44	298.87	30.44	0.19	203.64	
25/09/2024 10:35	11.36	1.72	114.73	15.51	12.01	0	78.18	15.56	29.27	4.43	295.62	31.24	0	203.39	
25/09/2024 10:40	11.34	1.9	116.35	15.51	11.88	0	78.23	15.56	29.23	4.9	299.94	30.9	0	203.56	
25/09/2024 10:45	11.33	2.06	116.13	15.52	11.64	0.05	78.54	15.55	29.24	5.33	299.78	30.25	0.12	204.17	
25/09/2024 10:50	11.22	1.59	113.71	15.51	12.04	0	77.76	15.56	28.96	4.1	293.36	31.34	0	202.44	
25/09/2024 10:55	11.47	1.87	115.55	15.52	12.11	0	78.99	15.56	29.63	4.83	298.43	31.51	0	205.52	
25/09/2024 11:00	11.8	1.89	114.84	15.53	11.74	0.03	77.58	15.56	30.51	4.89	296.99	30.59	0.09	202.07	
25/09/2024 11:05	11.5	1.55	113.09	15.52	12.33	0	76.75	15.57	29.74	4	292.4	32.17	0	200.18	
25/09/2024 11:10	11.47	1.79	115.1	15.53	12.36	0.06	78.04	15.57	29.7	4.64	298	32.24	0.16	203.51	
25/09/2024 11:15	11.75	1.92	114.75	15.53	11.79	0.01	77.62	15.57	30.41	4.98	297.01	30.75	0.04	202.48	
25/09/2024 11:2															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/09/2024 13:00	11.75	1.92	112.83	15.57	11.66	0.02	76.77	15.61	30.64	5.01	294.17	30.63	0.04	201.73	
25/09/2024 13:05	11.34	1.57	111.98	15.57	12.09	0	77.91	15.62	29.57	4.09	291.93	31.84	0	205.16	
25/09/2024 13:10	11.52	2.01	114.28	15.58	12.05	0	78.34	15.62	30.07	5.26	298.38	31.72	0	206.26	
25/09/2024 13:15	11.45	2.11	114.28	15.58	11.62	0.05	77.08	15.62	29.9	5.51	298.31	30.59	0.14	202.82	
25/09/2024 13:20	11.16	1.59	112.74	15.57	11.63	0	75.96	15.62	29.11	4.15	294.12	30.63	0	200.06	
25/09/2024 13:25	11.47	1.85	113.9	15.58	11.31	0.07	76.97	15.62	29.95	4.83	297.53	29.75	0.18	202.44	
25/09/2024 13:30	11.67	1.99	113.92	15.58	11.57	0.01	75.27	15.62	30.51	5.19	297.81	30.45	0.03	198.11	
25/09/2024 13:35	11.44	1.58	112.03	15.58	12.3	0	74.56	15.63	29.91	4.12	292.85	32.44	0	196.57	
25/09/2024 13:40	11.62	1.85	112.99	15.59	12.29	0.07	75.97	15.63	30.41	4.84	295.73	32.39	0.17	200.23	
25/09/2024 13:45	11.61	1.89	112.67	15.59	11.55	0.05	75.74	15.64	30.39	4.95	294.98	30.51	0.14	200.08	
25/09/2024 13:50	11.3	1.58	111.04	15.59	12.11	0	75.24	15.66	29.59	4.13	290.61	32.1	0	199.45	
25/09/2024 13:55	11.56	1.98	113.89	15.6	12.04	0.07	76.36	15.66	30.31	5.18	298.46	31.91	0.19	202.35	
25/09/2024 14:00	11.5	2	114.48	15.59	11.81	0.02	74.08	15.63	30.12	5.24	299.9	31.18	0.05	195.46	
25/09/2024 14:05	11.29	1.59	112.46	15.59	11.9	0	76.08	15.64	29.58	4.16	294.63	31.45	0	201.08	
25/09/2024 14:10	11.45	1.85	113.28	15.6	11.77	0.07	78.27	15.64	30.05	4.85	297.2	31.13	0.18	206.9	
25/09/2024 14:15	11.56	2	113.78	15.6	11.83	0.01	74.8	15.64	30.35	5.25	298.67	31.29	0.03	197.78	
25/09/2024 14:20	11.51	1.63	111.67	15.6	12.83	0.02	73.97	15.65	30.18	4.27	292.72	33.98	0.04	195.91	
25/09/2024 14:25	11.53	1.97	113.64	15.6	13.12	0.1	75.2	15.65	30.23	5.16	297.95	34.74	0.27	199.12	
25/09/2024 14:30	11.67	2	113.22	15.6	11.57	0.03	75.22	15.63	30.62	5.25	297.02	30.52	0.07	198.36	
25/09/2024 14:35	11.37	1.61	111.89	15.59	12.15	0	74.45	15.63	29.77	4.22	293.02	32.06	0	196.47	
25/09/2024 14:40	11.52	1.96	112.97	15.59	12.02	0.07	75.68	15.63	30.16	5.13	295.69	31.71	0.18	199.57	
25/09/2024 14:45	12.03	1.94	112.72	15.59	11.69	0.03	76.78	15.62	31.47	5.07	294.84	30.79	0.07	202.19	
25/09/2024 14:50	11.52	1.74	112.76	15.58	12.33	0	75.74	15.62	30.09	4.54	294.34	32.48	0	199.51	
25/09/2024 14:55	11.48	2.15	114.79	15.56	12.34	0	76.6	15.62	29.87	5.6	298.69	32.51	0	201.73	
25/09/2024 15:00	11.81	2.28	114.45	15.55	11.63	0.05	78.77	15.58	30.72	5.94	297.63	30.41	0.14	205.93	
25/09/2024 15:05	11.49	1.87	112.94	15.54	12.24	0	75.95	15.58	29.82	4.84	292.91	31.98	0	198.41	
25/09/2024 15:10	11.53	2.05	114.83	15.53	12.28	0.07	76.99	15.58	29.82	5.3	297	32.08	0.17	201.03	
25/09/2024 15:15	11.33	1.95	114.56	15.52	11.72	0.02	76.2	15.56	29.28	5.05	296.09	30.49	0.05	198.17	
25/09/2024 15:20	11.35	1.73	112.76	15.51	12.08	0	76.87	15.56	29.3	4.46	290.96	31.44	0	200.14	
25/09/2024 15:25	11.49	1.99	114.57	15.5	11.98	0.07	78.16	15.56	29.58	5.13	294.93	31.18	0.18	203.36	
25/09/2024 15:30	11.38	2.09	114.64	15.5	12	0.02	75.2	15.54	29.29	5.39	295.18	31.1	0.06	194.9	
25/09/2024 15:35	11.35	1.75	112.19	15.49	12.29	0	75.84	15.54	29.18	4.49	288.32	31.89	0	196.7	
25/09/2024 15:40	11.59	2.01	114.38	15.48	12.37	0.07	77.05	15.54	29.71	5.16	293.34	32.06	0.19	199.68	
25/09/2024 15:45	11.75	2.17	114.17	15.48	11.73	0.03	76.34	15.52	30.13	5.57	292.79	30.31	0.07	197.32	
25/09/2024 15:50	11.57	1.7	111.68	15.47	12.43	0	74.9	15.52	29.63	4.35	285.98	32.09	0	193.44	
25/09/2024 15:55	11.62	1.85	113.09	15.47	12.57	0.07	76.16	15.52	29.74	4.75	289.47	32.47	0.18	196.64	
25/09/2024 16:00	11.47	1.92	113.25	15.47	11.48	0.02	77.59	15.51	29.36	4.92	289.92	29.58	0.06	199.95	
25/09/2024 16:05	11.36	1.7	112.28	15.46	12.09	0	77.56	15.51	29.03	4.34	286.85	31.16	0	199.99	
25/09/2024 16:10	11.55	1.89	114.15	15.45	12.14	0.07	78.89	15.51	29.45	4.81	291.12	31.29	0.17	203.31	
25/09/2024 16:15	11.67	2.02	113.33	15.45	11.6	0.02	78.13	15.49	29.78	5.14	289.12	29.78	0.06	200.66	
25/09/2024 16:20	11.42	1.69	112.56	15.45	11.9	0	78.69	15.5	29.12	4.3	287.07	30.62	0	202.48	
25/09/2024 16:25	11.36	1.88	115.15	15.45	11.81	0	79.34	15.5	28.96	4.8	293.54	30.39	0	204.1	
25/09/2024 16:30	11.42	2.09	115.48	15.44	11.43	0.07	80.85	15.49	29.1	5.34	294.2	29.36	0.17	207.58	
25/09/2024 16:35	11.27	1.79	114.89	15.44	11.76	0	80.35	15.49	28.68	4.55	292.44	30.22	0	206.44	
25/09/2024 16:40	11.3	2.06	115.98	15.44	11.66	0.08	82.04	15.49	28.75	5.25	295.17	29.94	0.19	210.67	
25/09/2024 16:45	11.28	2.2	115.47	15.44	11.19	0.05	80.63	15.48	28.71	5.61	293.91	28.69	0.14	206.65	
25/09/2024 16:50	11.13	1.83	114.27	15.44	11.69	0	80.11	15.49	28.34	4.67	290.97	30.03	0.01	205.86	
25/09/2024 16:55	11.46	2.04	115.89	15.45	11.43	0.07	81.19	15.49	29.23	5.21	295.67	29.35	0.18	208.53	
25/09/2024 17:00	11.58	2.09	115.55	15.44	11.73	0.04	79.26	15.48	29.49	5.34	294.28	30.09	0.11	203.32	
25/09/2024 17:05	12.02	1.42	108.29	15.42	11.93	0	79.3	15.49	30.48	3.6	274.75	30.67	0	203.87	
25/09/2024 17:10	12.56	1.14	106.21	15.4	12.02	0.05	80.4	15.49	31.75	2.89	268.54	30.88	0.12	206.57	
25/09/2024 17:15	12.98	1.34	106.86	15.41	11.84	0.02	78.19	15.49	32.88	3.4	270.6	30.41	0.05	200.79	
25/09/2024 17:20	12.66	0.97	104.74	15.41	12.18	0	78.2	15.49	32.03	2.46	265	31.31	0	201.09	
25/09/2024 17:25	12.7	1.05	104.93	15.4	12.23	0	78.55	15.49	32.11	2.67	265.22	31.46	0	201.95	
25/09/2024 17:30	13.08	1.31	105.75	15.41	12.29	0	71.45	15.47	33.09	3.32	267.56	31.44	0	182.76	
25/09/2024 17:35	12.3	1.36	107.66	15.43	13.1	0	70.26	15.46	31.24	3.46	273.43	33.49	0	179.64	
25/09/2024 17:40	11.51	1.83	113.98	15.45	13.16	0	72.63	15.46	29.35	4.67	290.61	33.64	0	185.73	
25/09/2024 17:45	11.39	1.89	114.59	15.45	12.67	0.02	70.69	15.46	29.07	4.83	292.43	32.36	0.04	180.51	
25/09/2024 17:50	11.42	1.68	113.94	15.44	12.8	0	70.85	15.46	29.09	4.29	290.31	32.69	0	180.95	
25/09/2024 17:55	11.51	1.84	114.61	15.44	12.73	0	72.62	15.46	29.31	4.68	291.88	32.52	0	185.44	
25/09/2024 18:00	11.73	2.09	115.66	15.44	12.54	0.06	73.49	15.47	29.87	5.33	294.39	32.08	0.15	188.04	
25/09/2024 18:05	11.5	1.7	113.68	15.44	12.32	0	75.41	15.48	29.27	4.33	289.2	31.6	0	193.48	
25/09/2024 18:10	11.48	1.92	115.32	15.44	12.32	0.07	76.64	15.48	29.23	4.88	293.5	31.61	0.19	196.58	
25/09/2024 18:15	11.77	2.09	115.44	15.45	11.93	0.05	77.57	15.49	29.99	5.34	294.25	30.63	0.13	199.16	
25/09/2024 18:20	11.56	1.73	113.32	15.44	12.34	0	74.81	15.49	29.46	4.41	288.59	31.69	0	192.19	
25/09/2024 18:25	11.57	1.82	114.77	15.44	12.31	0	74.73	15.49	29.48	4.63	292.38	31.63	0	191.98	
25/09/2024 18:30	11.78	1.91	114.98	15.45	12.42	0.03	73.84	15.48	30.02	4.86	293.01	31.88	0.07	189.47	
25/09/2024 18:35	11.76	1.64	112.91	15.44	12.85	0	72.24	15.48	29.94	4.16	287.52	32.98	0	185.43	
25/09/2024 18:40	11.73	1.73	113.62	15.44	12.76	0.07	73.52	15.48	29.88	4.42	289.33	32.75	0.17	188.62	
25/09/2024 18:45	12.14	1.92	113.2	15.44	12.71	0.01	72.72	15.48	30.93	4.9	288.39	32.58	0.03	186.44	
25/09/2024 18:50	12.01	1.59	111.42	15.44	12.71	0	72.82	15.48	30.55	4.04	283.46	32.6	0	186.77	
25/09/2024 18:55	11.77	1.8	113.78	15.44	12.68	0.07	74.1	15.48	29.94	4.58	289.43	32.52	0.18	189.95	
25/09/2024 19:00	11.73	1.95	113.97	15.44	12.36	0.04	74.19	15.47	29.85	4.97	289.92	31.65	0.11	189.95	
25/09/2024 19:05	11.85	1.76													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/09/2024 20:45	11.83	2.02	115.11	15.41	12.42	0.02	75.48	15.45	29.96	5.11	291.58	31.7	0.04	192.48	
25/09/2024 20:50	11.62	1.69	113.71	15.41	12.51	0	75.37	15.45	29.43	4.31	287.8	31.88	0	192.25	
25/09/2024 20:55	11.63	1.93	115.86	15.4	12.48	0.07	76.67	15.45	29.42	4.88	293.03	31.82	0.18	195.48	
25/09/2024 21:00	11.88	2.24	116.77	15.41	12.14	0.03	75.32	15.44	30.06	5.66	295.6	30.92	0.08	191.9	
25/09/2024 21:05	11.66	1.86	115.07	15.41	12.49	0	75.09	15.45	29.51	4.7	291.11	31.84	0	191.5	
25/09/2024 21:10	11.64	1.94	115.76	15.41	12.26	0.07	76.11	15.45	29.44	4.92	292.93	31.24	0.18	193.93	
25/09/2024 21:15	11.56	1.88	114.22	15.41	12.25	0.01	75.11	15.45	29.25	4.75	288.99	31.22	0.03	191.42	
25/09/2024 21:20	11.48	1.71	113.65	15.47	12.4	0	75.36	15.54	29.41	4.36	290.94	32.16	0	195.49	
25/09/2024 21:25	11.43	2.06	117.19	15.51	12.5	0	75.36	15.58	29.48	5.32	302.23	32.64	0	196.77	
25/09/2024 21:30	11.39	2.28	117.69	15.48	12.12	0.1	78.01	15.49	29.23	5.86	301.98	31.16	0.25	200.62	
25/09/2024 21:35	11.34	2	116.81	15.47	11.87	0	76.06	15.49	29.01	5.11	298.92	30.49	0	195.38	
25/09/2024 21:40	11.4	2.06	117.62	15.43	11.78	0.07	77.23	15.49	28.98	5.24	299.02	30.27	0.19	198.37	
25/09/2024 21:45	11.45	2.09	117.31	15.44	12.09	0.03	76.86	15.48	29.15	5.33	298.6	31	0.08	197.04	
25/09/2024 21:50	11.49	1.87	115.06	15.44	12.29	0	75.63	15.48	29.23	4.75	292.74	31.51	0	193.82	
25/09/2024 21:55	11.61	1.9	115.92	15.44	12.31	0.07	76.62	15.48	29.55	4.85	295.14	31.55	0.18	196.4	
25/09/2024 22:00	11.95	2.06	115.31	15.44	12.21	0.01	75.39	15.48	30.41	5.25	293.34	31.32	0.03	193.34	
25/09/2024 22:05	11.68	1.81	114.59	15.45	12.57	0	75.6	15.56	29.79	4.6	292.13	32.74	0	196.97	
25/09/2024 22:10	11.36	2.11	117.75	15.43	12.58	0.08	77.02	15.62	28.85	5.35	299.15	33.12	0.2	202.68	
25/09/2024 22:15	11.86	2.25	118.33	15.44	12.09	0.03	77.26	15.47	30.17	5.73	301.01	30.94	0.09	197.66	
25/09/2024 22:20	11.61	2	117.53	15.43	12.29	0	77.48	15.46	29.48	5.08	298.44	31.39	0	197.92	
25/09/2024 22:25	11.49	2.12	118.4	15.42	12.35	0.08	78.87	15.46	29.13	5.38	300.16	31.53	0.2	201.37	
25/09/2024 22:30	11.98	2.25	118.63	15.42	12.04	0.08	78.65	15.46	30.38	5.71	300.74	30.75	0.21	200.88	
25/09/2024 22:35	11.5	1.95	117.16	15.42	12.21	0	77.91	15.46	29.15	4.94	296.96	31.21	0	199.22	
25/09/2024 22:40	11.33	2.25	119.62	15.42	12.2	0.09	79.17	15.46	28.74	5.71	303.28	31.18	0.22	202.36	
25/09/2024 22:45	11.44	2.6	120.44	15.42	11.68	0.06	79.46	15.46	29.02	6.58	305.59	29.83	0.14	202.92	
25/09/2024 22:50	11.36	2.26	118.68	15.41	12.18	0	78.88	15.45	28.79	5.73	300.61	31.08	0	201.3	
25/09/2024 22:55	11.28	2.31	120.04	15.49	12.33	0	78.52	15.46	29.02	5.94	308.71	31.49	0	200.54	
25/09/2024 23:00	11.31	2.39	119.86	15.56	11.75	0.1	79.83	15.47	29.47	6.23	312.23	30.08	0.26	204.34	
25/09/2024 23:05	11.18	2.06	117.88	15.49	12.23	0.01	79.79	15.47	28.76	5.32	303.02	31.29	0.03	204.2	
25/09/2024 23:10	11.26	2.34	120.32	15.43	12.22	0	79.69	15.47	28.58	5.96	305.54	31.25	0	203.82	
25/09/2024 23:15	11.63	2.42	119.77	15.43	11.83	0.14	80.65	15.47	29.54	6.16	304.32	30.25	0.36	206.25	
25/09/2024 23:20	11.45	2.18	118	15.42	11.97	0	80.09	15.46	29.07	5.53	299.45	30.6	0	204.81	
25/09/2024 23:25	11.22	2.32	119.73	15.46	12.14	0	80.55	15.47	28.7	5.92	306.09	31.06	0	206.08	
25/09/2024 23:30	11.19	2.5	120.72	15.41	11.96	0.1	78.94	15.46	28.32	6.33	305.61	30.54	0.26	201.54	
25/09/2024 23:35	11.23	2.07	117.87	15.41	12.28	0	77.8	15.46	28.42	5.25	298.39	31.37	0	198.74	
25/09/2024 23:40	11.46	2.18	118.55	15.44	12.31	0	77.53	15.45	29.17	5.56	301.86	31.39	0	197.68	
25/09/2024 23:45	12.02	2.47	118.98	15.42	11.96	0.08	78.49	15.46	30.5	6.27	301.99	30.58	0.21	200.67	
25/09/2024 23:50	11.61	2.16	118.02	15.42	11.76	0	78.51	15.45	29.46	5.49	299.35	30.02	0	200.36	
25/09/2024 23:55	11.45	2.28	119.01	15.43	11.75	0	80.06	15.45	29.07	5.79	302.22	29.98	0	204.24	
26/09/2024 00:00	11.25	2.25	119.19	15.43	11.66	0.07	79.26	15.45	28.57	5.72	302.68	29.73	0.17	202.07	
26/09/2024 00:05	11.27	2.02	117.38	15.42	12.1	0	79.25	15.46	28.59	5.13	297.64	30.92	0	202.5	
26/09/2024 00:10	11.52	2.32	119.55	15.4	12.19	0	80.42	15.46	29.13	5.86	302.31	31.15	0	205.51	
26/09/2024 00:15	11.47	2.45	119.64	15.41	11.69	0.07	79.75	15.45	29.03	6.21	302.79	29.8	0.19	203.33	
26/09/2024 00:20	11.37	2.2	118.35	15.48	12.09	0	79.64	15.44	29.14	5.64	303.32	30.77	0	202.73	
26/09/2024 00:25	11.36	2.4	120.41	15.48	12.17	0	79.95	15.44	29.15	6.16	308.98	31	0	203.63	
26/09/2024 00:30	11.02	2.5	120.61	15.44	11.43	0.1	81.91	15.49	28.05	6.37	307.08	29.38	0.26	210.48	
26/09/2024 00:35	11.05	2.23	120.17	15.44	11.86	0	81.27	15.48	28.11	5.67	305.69	30.42	0	208.44	
26/09/2024 00:40	11.45	2.41	120.49	15.42	11.89	0	81.16	15.48	29.07	6.12	305.83	30.49	0	208.12	
26/09/2024 00:45	11.66	2.72	121.5	15.43	11.67	0.14	82.34	15.46	29.61	6.91	308.64	29.84	0.35	210.47	
26/09/2024 00:50	11.37	2.4	120.55	15.42	11.85	0	80.68	15.45	28.85	6.1	305.93	30.24	0	205.86	
26/09/2024 00:55	11.26	2.43	121.38	15.42	11.86	0	80.34	15.44	28.59	6.16	308.11	30.2	0	204.62	
26/09/2024 01:00	11.44	2.53	121.3	15.43	11.65	0.15	83.12	15.46	29.05	6.43	308.04	29.77	0.37	212.43	
26/09/2024 01:05	11.34	2.27	119.75	15.42	11.9	0	81.13	15.46	28.76	5.75	303.76	30.4	0	207.26	
26/09/2024 01:10	11.22	2.5	121.33	15.42	11.91	0.09	82.38	15.45	28.44	6.34	307.52	30.38	0.23	210.16	
26/09/2024 01:15	11.08	2.66	121.27	15.42	11.5	0.12	82.47	15.45	28.09	6.74	307.43	29.32	0.3	210.21	
26/09/2024 01:20	11.17	2.38	119.7	15.41	11.95	0	81.01	15.44	28.27	6.01	302.94	30.44	0	206.41	
26/09/2024 01:25	11.2	2.48	121.58	15.4	11.95	0.09	81.92	15.44	28.33	6.28	307.53	30.44	0.23	208.68	
26/09/2024 01:30	11.44	2.66	122.09	15.4	11.54	0.06	82.31	15.44	28.93	6.72	308.83	29.39	0.16	209.6	
26/09/2024 01:35	11.1	2.28	119.58	15.4	11.94	0.03	80.9	15.44	28.03	5.75	301.98	30.38	0.07	205.9	
26/09/2024 01:40	11.31	2.53	121.39	15.39	11.72	0	80.83	15.44	28.51	6.38	306.08	29.81	0	205.62	
26/09/2024 01:45	11.67	2.72	120.91	15.39	11.59	0.18	82.81	15.42	29.42	6.86	304.78	29.41	0.47	210.16	
26/09/2024 01:50	11.44	2.43	118.73	15.38	11.75	0	81.94	15.43	28.82	6.12	299.14	29.84	0	208.11	
26/09/2024 01:55	11.23	2.49	121.53	15.39	11.78	0	81.75	15.43	28.32	6.27	306.39	29.91	0	207.55	
26/09/2024 02:00	11.31	2.74	122.23	15.39	11.63	0.16	83.63	15.43	28.52	6.9	308.22	29.53	0.4	212.4	
26/09/2024 02:05	11.22	2.43	120.97	15.38	11.75	0	81.59	15.43	28.28	6.12	304.87	29.83	0	207.21	
26/09/2024 02:10	11.21	2.61	121.82	15.38	11.81	0	81.22	15.43	28.25	6.57	307	29.99	0	206.2	
26/09/2024 02:15	11.33	2.74	121.64	15.39	11.48	0.17	83.61	15.43	28.56	6.9	306.72	29.14	0.42	212.27	
26/09/2024 02:20	11.19	2.38	120.06	15.39	12.04	0.01	81.38	15.43	28.2	5.99	302.58	30.6	0.02	206.78	
26/09/2024 02:25	11.09	2.52	121.77	15.39	12.08	0	81.13	15.43	27.95	6.35	306.97	30.68	0	206.08	
26/09/2024 02:30	11.25	2.66	121.75	15.39	11.26	0.18	83.95	15.42	28.38	6.7	307.08	28.57	0.45	213	
26/09/2024 02:35	11.13	2.35	120.05	15.38	11.62	0	81.28	15.43	28.04	5.93	302.48	29.5	0	206.39	
26/09/2024 02:40	11.27	2.55	121.7	15.38	11.56	0	81.09	15.43	28.41	6.44	306.63	29.36	0	205.94	
26/09/2024 02:45	11.44	2.69	121.75	15.38	11.55	0.1	81.99	15.42	28.82	6.78	306.82	29.28	0.25	207.91	
26/09/2024 02:50	11.32	2.38	119.88	15.38	11.89	0									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/09/2024 04:30	11.75	2.63	120.11	15.41	11.3	0.13	81.77	15.44	29.74	6.65	303.98	28.78	0.33	208.29	
26/09/2024 04:35	11.48	2.34	118.82	15.41	11.86	0	81.42	15.45	29.03	5.93	300.59	30.23	0	207.6	
26/09/2024 04:40	11.4	2.58	121.14	15.41	11.95	0	81.22	15.45	28.9	6.55	306.99	30.49	0	207.2	
26/09/2024 04:45	11.56	2.7	121.03	15.42	11.49	0.15	83.1	15.47	29.33	6.86	307.01	29.38	0.39	212.52	
26/09/2024 04:50	11.35	2.4	120.08	15.42	12	0	81.2	15.47	28.78	6.09	304.56	30.74	0	208.03	
26/09/2024 04:55	11.29	2.6	121.12	15.42	12.05	0	81.41	15.46	28.62	6.58	306.94	30.8	0	208.16	
26/09/2024 05:00	11.47	2.85	121.59	15.43	11.46	0.17	83.12	15.46	29.13	7.23	308.88	29.28	0.43	212.35	
26/09/2024 05:05	11.37	2.52	120.08	15.42	11.82	0	81.68	15.45	28.85	6.4	304.72	30.13	0	208.25	
26/09/2024 05:10	11.26	2.61	121.6	15.41	11.84	0	83.43	15.45	28.51	6.62	307.92	30.22	0	212.85	
26/09/2024 05:15	11.44	2.83	121.7	15.41	11.4	0.15	82.96	15.46	28.98	7.17	308.37	29.12	0.37	211.8	
26/09/2024 05:20	11.34	2.44	119.79	15.45	11.82	0	81.81	15.54	28.91	6.21	305.24	30.69	0	212.34	
26/09/2024 05:25	11.28	2.67	121.58	15.43	11.83	0	81.75	15.54	28.68	6.79	309.09	30.66	0	211.9	
26/09/2024 05:30	11.45	2.81	121.63	15.42	11.62	0.13	82.7	15.45	29.07	7.14	308.7	29.64	0.32	210.97	
26/09/2024 05:35	11.39	2.52	120.11	15.41	12.02	0.03	82.06	15.46	28.86	6.38	304.23	30.69	0.06	209.58	
26/09/2024 05:40	11.32	2.63	121.66	15.4	12.03	0.05	83.67	15.46	28.61	6.65	307.46	30.75	0.12	213.82	
26/09/2024 05:45	11.3	2.95	122.98	15.4	11.64	0.14	82.41	15.46	28.53	7.46	310.64	29.74	0.35	210.6	
26/09/2024 05:50	11.27	2.57	120.58	15.4	11.77	0	82.43	15.49	28.51	6.5	304.91	30.22	0	211.63	
26/09/2024 05:55	11.29	2.64	121.78	15.41	11.68	0.09	83.57	15.47	28.57	6.68	308.05	29.9	0.24	213.85	
26/09/2024 06:00	11.61	2.81	122.03	15.4	11.51	0.1	82.84	15.44	29.32	7.11	308.23	29.33	0.26	211.06	
26/09/2024 06:05	11.41	2.5	120.42	15.46	11.85	0	82.83	15.44	29.16	6.39	307.82	30.17	0	210.94	
26/09/2024 06:10	11.33	2.66	121.56	15.42	11.83	0	82.86	15.44	28.75	6.75	308.42	30.12	0	210.97	
26/09/2024 06:15	11.36	2.78	121.63	15.43	11.53	0.18	83.69	15.46	28.87	7.07	309.14	29.44	0.45	213.69	
26/09/2024 06:20	11.38	2.48	119.89	15.43	11.84	0	81.94	15.46	28.91	6.3	304.5	30.27	0.01	209.48	
26/09/2024 06:25	11.32	2.65	121.76	15.41	11.84	0.1	83	15.46	28.68	6.72	308.47	30.29	0.25	212.2	
26/09/2024 06:30	11.39	2.77	121.69	15.42	11.37	0.13	83.54	15.47	28.9	7.02	308.77	29.1	0.34	213.85	
26/09/2024 06:35	11.28	2.48	120.48	15.42	11.86	0	81.2	15.45	28.59	6.29	305.52	30.27	0	207.15	
26/09/2024 06:40	11.39	2.6	121.19	15.42	11.94	0	80.97	15.45	28.86	6.58	307.17	30.43	0	206.39	
26/09/2024 06:45	12.08	2.8	121.81	15.4	11.57	0.17	84.33	15.43	30.53	7.07	307.94	29.42	0.43	214.45	
26/09/2024 06:50	11.57	2.48	120.21	15.4	11.71	0	83.42	15.44	29.26	6.27	303.85	29.84	0	212.51	
26/09/2024 06:55	11.35	2.68	121.27	15.4	11.5	0	83.61	15.45	28.68	6.78	306.4	29.31	0	213.06	
26/09/2024 07:00	11.78	2.88	121.22	15.4	11.5	0.19	84.38	15.46	29.76	7.27	306.18	29.39	0.47	215.58	
26/09/2024 07:05	11.46	2.53	120.03	15.41	11.97	0	82.8	15.56	29	6.4	303.7	31.18	0	215.65	
26/09/2024 07:10	11.25	2.68	122.22	15.42	12.09	0	82.69	15.55	28.53	6.8	309.82	31.45	0	215.02	
26/09/2024 07:15	11.23	2.89	122.38	15.42	11.48	0.15	83.47	15.44	28.51	7.34	310.51	29.23	0.37	212.59	
26/09/2024 07:20	11.25	2.55	120.61	15.41	11.96	0	82.15	15.43	28.5	6.46	305.45	30.42	0	208.9	
26/09/2024 07:25	11.28	2.57	121.09	15.4	12.01	0.09	83.14	15.43	28.51	6.5	306.08	30.51	0.23	211.2	
26/09/2024 07:30	11.36	2.63	120.67	15.4	11.54	0.11	82.44	15.42	28.7	6.64	304.88	29.29	0.29	209.27	
26/09/2024 07:35	11.2	2.32	119.45	15.39	11.68	0.02	82.05	15.42	28.25	5.86	301.31	29.62	0.06	208.09	
26/09/2024 07:40	11.37	2.55	120.68	15.39	11.47	0	82.33	15.42	28.67	6.42	304.3	29.07	0	208.66	
26/09/2024 07:45	11.34	2.67	120.98	15.39	11.58	0.17	83.1	15.42	28.62	6.74	305.24	29.37	0.43	210.8	
26/09/2024 07:50	11.41	2.32	118.09	15.39	12.13	0	80.88	15.42	28.79	5.85	297.86	30.76	0	205.17	
26/09/2024 07:55	11.31	2.4	120.05	15.39	12.18	0.09	81.85	15.42	28.53	6.06	302.75	30.89	0.22	207.58	
26/09/2024 08:00	11.55	2.61	121.03	15.39	11.46	0.09	81.93	15.41	29.13	6.59	305.36	29.05	0.24	207.61	
26/09/2024 08:05	11.37	2.31	119.34	15.39	11.98	0	81.96	15.42	28.67	5.83	300.84	30.38	0	207.86	
26/09/2024 08:10	11.33	2.52	120.85	15.38	11.98	0	82	15.42	28.54	6.34	304.46	30.39	0	207.95	
26/09/2024 08:15	11.33	2.7	121.83	15.38	11.75	0.17	81.92	15.41	28.55	6.82	307.02	29.77	0.43	207.52	
26/09/2024 08:20	11.34	2.34	119.86	15.38	12	0	79.85	15.41	28.57	5.89	301.88	30.4	0	202.24	
26/09/2024 08:25	11.4	2.42	119.61	15.38	12.07	0.08	81.29	15.41	28.72	6.11	301.4	30.56	0.2	205.81	
26/09/2024 08:30	11.8	2.45	118.52	15.39	12	0.05	79.63	15.41	29.74	6.19	298.76	30.41	0.14	201.77	
26/09/2024 08:35	11.58	2.18	117.25	15.38	12.09	0	79.87	15.42	29.19	5.49	295.49	30.63	0	202.43	
26/09/2024 08:40	11.35	2.31	119.6	15.39	11.98	0.08	81.46	15.42	28.63	5.82	301.56	30.37	0.21	206.52	
26/09/2024 08:45	11.72	2.53	119.67	15.39	11.67	0.06	81.08	15.42	29.55	6.39	301.76	29.59	0.15	205.64	
26/09/2024 08:50	11.71	2.2	117.35	15.39	12.2	0.1	80.94	15.43	29.53	5.55	295.9	30.99	0.26	205.6	
26/09/2024 08:55	11.57	2.31	118.68	15.39	12.36	0.19	80.91	15.43	29.2	5.83	299.39	31.41	0.48	205.58	
26/09/2024 09:00	11.95	2.45	118.16	15.39	11.77	0.12	81.59	15.42	30.14	6.19	297.94	29.84	0.31	206.86	
26/09/2024 09:05	11.69	2.2	116.52	15.39	12.16	0	80.17	15.42	29.48	5.54	293.75	30.86	0	203.49	
26/09/2024 09:10	11.55	2.32	118.48	15.39	12.36	0	80.63	15.43	29.16	5.86	299.11	31.39	0	204.75	
26/09/2024 09:15	11.81	2.53	119.11	15.4	11.81	0.17	82.2	15.43	29.87	6.4	301.19	30.02	0.43	208.84	
26/09/2024 09:20	11.48	2.06	116.87	15.39	11.84	0.01	79.54	15.42	28.98	5.21	294.92	30.04	0.02	201.88	
26/09/2024 09:25	11.53	2.29	118.37	15.39	11.58	0	79.06	15.42	29.07	5.76	298.36	29.37	0	200.55	
26/09/2024 09:30	11.28	2.5	118.58	15.39	11.77	0.13	81.2	15.41	28.45	6.31	299	29.8	0.33	205.52	
26/09/2024 09:35	11.32	2.21	118.11	15.38	12.46	0	79.92	15.41	28.5	5.57	297.45	31.57	0	202.51	
26/09/2024 09:40	11.6	2.34	119.1	15.38	12.31	0	80.19	15.42	29.21	5.89	299.87	31.21	0	203.23	
26/09/2024 09:45	11.44	2.42	119.88	15.38	12.02	0.13	80.96	15.41	28.82	6.1	302.01	30.41	0.32	204.79	
26/09/2024 09:50	11.59	2.19	118	15.38	12.39	0	79.61	15.41	29.18	5.52	296.98	31.37	0	201.52	
26/09/2024 09:55	11.68	2.24	118.95	15.38	12.36	0.08	81.24	15.41	29.41	5.65	299.59	31.3	0.2	205.67	
26/09/2024 10:00	11.97	2.25	118.52	15.39	11.94	0.06	79.91	15.41	30.17	5.67	298.76	30.22	0.16	202.22	
26/09/2024 10:05	11.8	2.05	116.91	15.38	12.63	0.01	79.45	15.41	29.71	5.15	294.42	31.99	0.02	201.24	
26/09/2024 10:10	11.55	2.22	118.9	15.48	12.65	0.08	80.65	15.41	29.65	5.71	305.17	32.03	0.21	204.27	
26/09/2024 10:15	11.89	2.42	118.78	15.43	12.27	0.06	79.48	15.49	30.24	6.16	302.08	31.54	0.15	204.31	
26/09/2024 10:20	11.68	2.03	116.49	15.44	12.6	0.03	79.85	15.45	29.73	5.17	296.44	32.16	0.08	203.81	
26/09/2024 10:25	11.55	2.21	118.29	15.42	12.53	0	79.98	15.46	29.29	5.61	300.1	32.01	0	204.29	
26/09/2024 10:30	11.66	2.42	118.47	15.42	12.21	0.12	80.23	15.44	29.58	6.15	300.68	31.11	0.31	204.41	
26/09/2024 10:35	11.51	2.05	116.8	15.42	12.57										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/09/2024 12:15	11.97	2.34	116.91	15.45	12.2	0.1	79.15	15.48	30.53	5.98	298.16	31.31	0.27	202.99	
26/09/2024 12:20	11.59	1.86	115.11	15.45	12.18	0	78.13	15.49	29.57	4.75	293.61	31.28	0	200.63	
26/09/2024 12:25	11.58	2.12	116.59	15.46	12.16	0	79.61	15.49	29.6	5.41	298.06	31.23	0	204.5	
26/09/2024 12:30	11.67	2.31	116.67	15.47	11.66	0.06	79.29	15.49	29.85	5.92	298.42	29.95	0.14	203.72	
26/09/2024 12:35	11.44	1.93	115.6	15.46	12.13	0.02	79.16	15.5	29.23	4.93	295.52	31.2	0.04	203.57	
26/09/2024 12:40	11.67	2.14	116.24	15.47	11.81	0	79.19	15.49	29.86	5.48	297.31	30.36	0	203.54	
26/09/2024 12:45	11.73	2.16	115.02	15.47	11.86	0.09	79.18	15.5	30.05	5.52	294.52	30.51	0.24	203.65	
26/09/2024 12:50	11.58	1.86	113.98	15.47	12.48	0.14	79.91	15.51	29.66	4.76	291.78	32.2	0.37	206.09	
26/09/2024 12:55	11.65	2.24	116.82	15.47	12.75	0.25	80.45	15.52	29.83	5.73	299.26	32.91	0.65	207.69	
26/09/2024 13:00	11.83	2.41	117.03	15.48	11.95	0.12	80.64	15.5	30.31	6.17	299.86	30.78	0.3	207.7	
26/09/2024 13:05	11.58	1.95	115.4	15.48	12.38	0.09	79.76	15.52	29.67	5	295.67	31.96	0.22	205.93	
26/09/2024 13:10	11.48	2.12	117.39	15.48	12.83	0.14	79.8	15.52	29.44	5.44	301.07	33.15	0.36	206.18	
26/09/2024 13:15	11.83	2.28	117.16	15.48	11.6	0.12	81.07	15.51	30.33	5.85	300.44	29.91	0.31	209.09	
26/09/2024 13:20	11.48	1.93	115.46	15.48	12.04	0.04	79.84	15.51	29.44	4.94	295.95	31.06	0.1	206.06	
26/09/2024 13:25	11.61	2.31	118.11	15.48	11.81	0	79.42	15.51	29.8	5.92	303.11	30.47	0	204.85	
26/09/2024 13:30	11.55	2.36	117.84	15.49	11.41	0.06	80.61	15.51	29.65	6.06	302.55	29.45	0.17	207.96	
26/09/2024 13:35	11.16	1.84	116.14	15.49	11.44	0	80.53	15.52	28.64	4.72	298.12	29.54	0	207.99	
26/09/2024 13:40	11.53	2.28	118.22	15.49	10.95	0	80.7	15.52	29.65	5.87	303.97	28.28	0	208.34	
26/09/2024 13:45	11.83	2.42	118.02	15.5	11.24	0.11	82.06	15.52	30.44	6.24	303.69	29.03	0.28	211.93	
26/09/2024 13:50	11.38	2	116.79	15.49	11.81	0	81.04	15.53	29.26	5.13	300.2	30.55	0	209.62	
26/09/2024 13:55	11.49	2.29	118.33	15.5	11.69	0	81.09	15.53	29.55	5.88	304.31	30.22	0	209.71	
26/09/2024 14:00	11.59	2.36	118.44	15.5	11.18	0.11	82.87	15.52	29.83	6.07	304.78	28.91	0.29	214.22	
26/09/2024 14:05	11.27	1.94	116.76	15.5	11.89	0	81.26	15.53	28.99	4.98	300.3	30.79	0	210.46	
26/09/2024 14:10	11.43	2.35	118.03	15.5	11.95	0	80.94	15.53	29.46	6.07	304.1	30.96	0	209.61	
26/09/2024 14:15	11.28	2.6	118.73	15.51	11.18	0.09	82.13	15.53	29.1	6.69	306.25	28.96	0.24	212.71	
26/09/2024 14:20	11.16	2.03	116.58	15.51	11.76	0	81.17	15.54	28.78	5.24	300.49	30.51	0	210.6	
26/09/2024 14:25	11.45	2.27	118.46	15.51	11.8	0.07	82.69	15.54	29.54	5.86	305.67	30.61	0.19	214.53	
26/09/2024 14:30	11.45	2.24	117.69	15.51	11.03	0.08	83.16	15.54	29.56	5.77	303.73	28.61	0.22	215.74	
26/09/2024 14:35	11.16	1.96	117.31	15.51	11.79	0	82.04	15.55	28.8	5.04	302.65	30.61	0	212.96	
26/09/2024 14:40	11.36	2.41	119.15	15.52	11.83	0	82.05	15.54	29.36	6.23	307.78	30.7	0	212.92	
26/09/2024 14:45	11.41	2.53	119.5	15.53	11.19	0.11	83.1	15.55	29.5	6.55	309.03	29.06	0.28	215.8	
26/09/2024 14:50	11.11	2.1	118.76	15.52	11.67	0	82.52	15.56	28.73	5.43	307	30.38	0	214.73	
26/09/2024 14:55	11.39	2.38	119.83	15.53	11.7	0	84.07	15.56	29.49	6.17	310.14	30.46	0	218.81	
26/09/2024 15:00	11.63	2.5	120.38	15.53	10.91	0.04	83.18	15.55	30.09	6.47	311.57	28.37	0.1	216.3	
26/09/2024 15:05	11.3	2.13	118.46	15.53	11.67	0	82.72	15.56	29.23	5.5	306.36	30.38	0	215.43	
26/09/2024 15:10	11.4	2.47	119.76	15.53	11.52	0	82.5	15.56	29.52	6.39	309.95	29.98	0	214.78	
26/09/2024 15:15	11.92	2.7	120.14	15.53	11.26	0.11	82.44	15.55	30.85	7	310.87	29.23	0.28	214.1	
26/09/2024 15:20	11.39	2.16	117.66	15.52	11.68	0	82.36	15.55	29.42	5.59	303.9	30.36	0	214.04	
26/09/2024 15:25	11.41	2.49	119.79	15.52	11.65	0.09	83.56	15.55	29.47	6.43	309.54	30.26	0.23	217.05	
26/09/2024 15:30	11.42	2.66	119.97	15.53	11.06	0.06	82.7	15.55	29.55	6.88	310.43	28.72	0.17	214.75	
26/09/2024 15:35	11.12	2.14	118.17	15.52	11.71	0	82.29	15.55	28.72	5.54	305.22	30.44	0	213.9	
26/09/2024 15:40	11.35	2.4	119.76	15.52	11.63	0	82.38	15.55	29.32	6.2	309.4	30.22	0	214.15	
26/09/2024 15:45	11.28	2.47	120.56	15.52	11.09	0.11	84.25	15.54	29.16	6.38	311.6	28.77	0.28	218.51	
26/09/2024 15:50	11.1	2.2	119.55	15.51	11.56	0	83.41	15.54	28.63	5.67	308.33	29.98	0	216.33	
26/09/2024 15:55	11.15	2.62	121.4	15.51	11.56	0	84.5	15.54	28.74	6.75	312.9	29.98	0	219.1	
26/09/2024 16:00	11.17	2.74	121.13	15.51	11.22	0.1	83.75	15.53	28.82	7.06	312.51	29.05	0.26	216.78	
26/09/2024 16:05	10.96	2.25	119.34	15.56	11.61	0	82.83	15.6	28.56	5.86	310.86	30.44	0	217.28	
26/09/2024 16:10	11.24	2.62	120.98	15.6	11.58	0	82.75	15.64	29.46	6.88	317.08	30.59	0	218.64	
26/09/2024 16:15	11.17	2.81	121.36	15.57	11.06	0.14	84.51	15.56	29.13	7.34	316.42	28.8	0.38	220	
26/09/2024 16:20	10.97	2.33	119.76	15.54	11.59	0	83.31	15.55	28.44	6.05	310.54	30.1	0	216.43	
26/09/2024 16:25	11.11	2.59	122.13	15.52	11.6	0.09	84.65	15.54	28.74	6.7	315.8	30.11	0.24	219.74	
26/09/2024 16:30	11.86	2.7	122.14	15.64	11.01	0.08	84.14	15.63	31.32	7.14	322.52	29.03	0.21	221.74	
26/09/2024 16:35	11.32	2.34	120.2	15.58	11.51	0	84.34	15.57	29.62	6.13	314.24	29.99	0.01	219.79	
26/09/2024 16:40	11.24	2.74	122.09	15.52	11.34	0	84.45	15.56	29.04	7.07	315.43	29.52	0	219.74	
26/09/2024 16:45	11.17	2.89	122.42	15.51	11.04	0.07	83.84	15.54	28.8	7.46	315.58	28.66	0.19	217.61	
26/09/2024 16:50	11.02	2.39	120.34	15.54	11.59	0	83.92	15.54	28.58	6.2	312.19	30.04	0	217.56	
26/09/2024 16:55	11.36	2.71	121.81	15.57	11.67	0	84	15.54	29.62	7.07	317.67	30.25	0	217.67	
26/09/2024 17:00	11.39	2.74	122.2	15.51	11.07	0.16	85.26	15.54	29.37	7.05	315.11	28.74	0.4	221.25	
26/09/2024 17:05	11.49	1.88	116.26	15.49	11.83	0	82.77	15.54	29.53	4.83	298.72	30.7	0	214.82	
26/09/2024 17:10	12.24	1.63	111.06	15.46	11.89	0	82.59	15.54	31.3	4.16	283.91	30.82	0	214.09	
26/09/2024 17:15	12.63	1.67	110.77	15.47	10.81	0.06	74.65	16.1	32.29	4.28	283.32	36.52	0.14	218.01	
26/09/2024 17:20	12.26	1.48	110.7	15.46	12.28	0.26	82.04	15.53	31.31	3.77	282.64	31.81	0.67	212.46	
26/09/2024 17:25	12.27	1.76	112.94	15.45	12.48	0.42	82.02	15.54	31.3	4.48	288.01	32.35	1.09	212.53	
26/09/2024 17:30	12.41	2.05	113.7	15.47	11.94	0.07	77.52	15.48	31.78	5.25	291.25	30.64	0.17	198.95	
26/09/2024 17:35	11.68	1.98	115.96	15.47	12.16	0	75.92	15.48	29.91	5.08	296.91	31.17	0	194.66	
26/09/2024 17:40	11.29	2.69	122.16	15.48	11.81	0	77.77	15.48	28.93	6.9	313	30.27	0	199.27	
26/09/2024 17:45	11.78	2.83	122.53	15.48	12.03	0.04	77.03	15.47	30.2	7.25	314.13	30.79	0.1	197.21	
26/09/2024 17:50	11.34	2.39	120.33	15.47	12.51	0	75.71	15.47	29.04	6.13	308.02	32.01	0.01	193.72	
26/09/2024 17:55	11.26	2.77	122.24	15.47	12.56	0	75.67	15.47	28.81	7.08	312.75	32.14	0	193.61	
26/09/2024 18:00	11.27	2.99	122.5	15.47	11.65	0.13	80.69	15.48	28.83	7.64	313.51	29.86	0.34	206.78	
26/09/2024 18:05	11.05	2.54	121.2	15.46	11.99	0.21	83.82	15.49	28.22	6.48	309.58	30.84	0.54	215.56	
26/09/2024 18:10	11.03	2.81	123.16	15.46	12.25	0.25	84.3	15.5	28.16	7.16	314.41	31.51	0.64	216.8	
26/09/2024 18:15	11.23	2.88	122.44	15.45	10.93	0.17	82.32	15.48	28.68	7.34	312.54	28.03	0.43	211.18	
26/09/2024 18:20	11.1	2.38	119.77	15.45	11.										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/09/2024 20:00	12.05	2.7	120.28	15.42	12.25	0.15	80.19	15.44	30.54	6.86	304.94	31.21	0.39	204.2	
26/09/2024 20:05	11.86	2.41	118.49	15.41	12.78	0	78.62	15.44	30.04	6.11	300.06	32.55	0	200.29	
26/09/2024 20:10	11.71	2.57	119.94	15.41	12.77	0	78.69	15.44	29.62	6.5	303.49	32.52	0	200.46	
26/09/2024 20:15	11.55	2.77	119.86	15.4	12.3	0.13	79.34	15.43	29.18	6.99	302.92	31.28	0.34	201.68	
26/09/2024 20:20	11.6	2.48	118.15	15.4	12.76	0	77.93	15.44	29.3	6.28	298.47	32.47	0	198.36	
26/09/2024 20:25	11.69	2.62	120.19	15.4	12.66	0	78.05	15.44	29.55	6.61	303.79	32.22	0	198.71	
26/09/2024 20:30	11.67	2.8	121.19	15.41	12.17	0.15	80.19	15.43	29.54	7.08	306.71	30.94	0.37	203.88	
26/09/2024 20:35	11.69	2.52	118.97	15.4	12.97	0	78.62	15.44	29.66	6.37	300.86	33.02	0	200.1	
26/09/2024 20:40	11.64	2.58	121.27	15.4	13.03	0	78.98	15.44	29.43	6.53	306.52	33.16	0	200.99	
26/09/2024 20:45	11.92	2.77	121.34	15.4	12.37	0.17	80.83	15.43	30.15	7	306.84	31.46	0.44	205.52	
26/09/2024 20:50	11.75	2.46	119.68	15.4	12.76	0	78.03	15.43	29.7	6.23	302.42	32.45	0	198.44	
26/09/2024 20:55	11.79	2.68	121.45	15.4	12.78	0	78.05	15.43	29.78	6.77	306.79	32.5	0	198.49	
26/09/2024 21:00	11.84	2.91	121.45	15.4	12.36	0.16	80.24	15.43	29.93	7.35	306.95	31.4	0.39	203.74	
26/09/2024 21:05	11.76	2.57	119.49	15.39	12.7	0	78.69	15.43	29.7	6.48	301.66	32.26	0	199.99	
26/09/2024 21:10	11.68	2.62	121.35	15.39	12.64	0	80.1	15.43	29.48	6.62	306.34	32.12	0	203.54	
26/09/2024 21:15	12.39	2.85	122.33	15.4	12.38	0.12	79.69	15.42	31.31	7.19	309.07	31.43	0.3	202.27	
26/09/2024 21:20	12.07	2.43	119.43	15.39	12.55	0	78.79	15.42	30.47	6.13	301.46	31.86	0	200	
26/09/2024 21:25	11.73	2.56	120.13	15.39	12.45	0	79.16	15.43	29.58	6.46	302.87	31.62	0	200.96	
26/09/2024 21:30	12.08	2.64	119.73	15.39	12.42	0.17	80.55	15.41	30.46	6.66	301.92	31.47	0.42	204.08	
26/09/2024 21:35	11.83	2.49	118.41	15.38	12.83	0	79.96	15.41	29.81	6.27	298.25	32.5	0	202.63	
26/09/2024 21:40	11.81	2.66	120.86	15.38	12.81	0	80.48	15.42	29.75	6.71	304.48	32.47	0	203.99	
26/09/2024 21:45	11.95	2.7	119.86	15.39	12.27	0.16	80.8	15.41	30.14	6.82	302.23	31.07	0.41	204.64	
26/09/2024 21:50	11.85	2.45	118.53	15.38	12.74	0	80.26	15.42	29.86	6.18	298.59	32.29	0	203.43	
26/09/2024 21:55	11.65	2.51	120.51	15.37	12.75	0	80.23	15.42	29.31	6.31	303.13	32.31	0	203.35	
26/09/2024 22:00	12.23	2.58	119.47	15.38	12.39	0.15	80.67	15.4	30.78	6.49	300.56	31.34	0.37	203.98	
26/09/2024 22:05	11.94	2.43	119.02	15.37	12.44	0	79.69	15.41	30.02	6.11	299.19	31.48	0	201.7	
26/09/2024 22:10	11.73	2.71	121.71	15.37	12.38	0	80.25	15.41	29.5	6.81	305.92	31.33	0	203.16	
26/09/2024 22:15	11.73	2.7	120.75	15.38	12.19	0.17	81.27	15.4	29.52	6.8	303.79	30.84	0.44	205.5	
26/09/2024 22:20	11.76	2.34	117.89	15.37	12.77	0	78.77	15.41	29.58	5.88	296.55	32.34	0	199.43	
26/09/2024 22:25	11.77	2.47	119.12	15.38	12.78	0	78.97	15.41	29.63	6.22	299.73	32.38	0	200.03	
26/09/2024 22:30	11.61	2.75	119.34	15.37	12.41	0.17	80.18	15.41	29.2	6.92	300.16	31.39	0.42	202.83	
26/09/2024 22:35	11.68	2.45	118.11	15.37	12.63	0	78.77	15.41	29.37	6.17	297	31.98	0	199.45	
26/09/2024 22:40	11.84	2.67	120.1	15.38	12.56	0	78.77	15.41	29.8	6.73	302.28	31.8	0	199.4	
26/09/2024 22:45	11.56	2.85	120.59	15.38	12.45	0.15	79.59	15.41	29.09	7.16	303.39	31.5	0.38	201.38	
26/09/2024 22:50	11.66	2.56	119.53	15.37	12.33	0.03	78.97	15.41	29.34	6.44	300.68	31.22	0.07	199.98	
26/09/2024 22:55	11.67	2.7	120.86	15.46	12.08	0	78.92	15.41	29.84	6.9	308.98	30.58	0	199.8	
26/09/2024 23:00	11.81	2.85	120.77	15.46	12.23	0.19	80.93	15.48	30.21	7.28	308.8	31.37	0.49	207.61	
26/09/2024 23:05	11.72	2.54	118.05	15.43	12.63	0	79.22	15.44	29.79	6.46	300.15	32.14	0.01	201.63	
26/09/2024 23:10	11.75	2.65	119.6	15.46	12.69	0	78.86	15.43	30.03	6.78	305.64	32.21	0	200.21	
26/09/2024 23:15	11.8	2.74	120.05	15.47	12.07	0.14	79.35	15.46	30.17	7	307.05	30.86	0.36	202.85	
26/09/2024 23:20	11.76	2.46	118.39	15.43	12.64	0	78.61	15.43	29.87	6.24	300.72	32.12	0	199.81	
26/09/2024 23:25	11.65	2.55	119.54	15.43	12.7	0	78.45	15.44	29.6	6.49	303.69	32.32	0	199.58	
26/09/2024 23:30	12.08	2.75	119.33	15.4	12.28	0.11	79.24	15.44	30.52	6.95	301.49	31.23	0.29	201.57	
26/09/2024 23:35	11.8	2.49	117.85	15.4	12.46	0	79.09	15.44	29.83	6.3	297.83	31.71	0	201.21	
26/09/2024 23:40	11.59	2.67	120.44	15.4	12.5	0	78.98	15.44	29.31	6.74	304.64	31.82	0	201.04	
26/09/2024 23:45	11.56	2.88	120.28	15.41	11.83	0.21	81	15.43	29.29	7.29	304.68	30.07	0.53	205.87	
26/09/2024 23:50	11.49	2.58	119.4	15.4	12.22	0	79.94	15.43	29.04	6.51	301.72	31.08	0	203.22	
26/09/2024 23:55	11.44	2.73	121.38	15.39	12.19	0	79.89	15.43	28.86	6.88	306.14	30.99	0	203.12	
27/09/2024 00:00	11.44	2.75	121.17	15.4	11.91	0.18	81.35	15.43	28.9	6.95	306.15	30.26	0.45	206.64	
27/09/2024 00:05	11.49	2.47	119.05	15.39	12.49	0	78.88	15.41	28.97	6.24	300.19	31.65	0	199.82	
27/09/2024 00:10	11.61	2.65	120.52	15.39	12.63	0	78.67	15.4	29.31	6.69	304.2	31.93	0	198.99	
27/09/2024 00:15	11.91	2.78	120.72	15.4	11.92	0.14	80.53	15.42	30.09	7.03	305.09	30.26	0.36	204.39	
27/09/2024 00:20	11.77	2.51	118.34	15.39	12.54	0.06	79.68	15.42	29.71	6.33	298.67	31.83	0.15	202.29	
27/09/2024 00:25	11.67	2.68	120.23	15.38	12.52	0	79.7	15.42	29.41	6.77	303.04	31.76	0	202.24	
27/09/2024 00:30	11.81	2.99	121.81	15.46	11.66	0.19	81.17	15.46	30.19	7.63	311.3	29.8	0.5	207.47	
27/09/2024 00:35	11.62	2.69	118.88	15.42	12.31	0	80.79	15.44	29.49	6.84	301.76	31.34	0	205.64	
27/09/2024 00:40	11.47	2.68	121.24	15.38	12.58	0	81.5	15.44	28.87	6.75	305.22	32	0	207.33	
27/09/2024 00:45	11.83	2.8	120.73	15.39	12.07	0.19	81.11	15.43	29.83	7.06	304.52	30.7	0.47	206.19	
27/09/2024 00:50	11.67	2.55	119.67	15.4	12.63	0.1	80.07	15.47	29.49	6.45	302.44	32.32	0.25	204.92	
27/09/2024 00:55	11.57	2.7	120.66	15.39	12.98	0.25	81.69	15.46	29.19	6.81	304.39	33.18	0.64	208.69	
27/09/2024 01:00	11.66	2.92	121.44	15.4	12.08	0.11	80.31	15.41	29.43	7.38	306.64	30.57	0.28	203.2	
27/09/2024 01:05	11.61	2.57	119.17	15.38	12.5	0	79.49	15.41	29.22	6.48	300.05	31.61	0	201.09	
27/09/2024 01:10	11.59	2.71	120.36	15.37	12.64	0	79.42	15.4	29.13	6.82	302.55	31.96	0	200.78	
27/09/2024 01:15	11.55	2.75	119.78	15.37	11.92	0.17	81.18	15.4	29.04	6.92	301.26	30.13	0.44	205.13	
27/09/2024 01:20	11.5	2.46	118.49	15.37	12.62	0.11	79.98	15.4	28.9	6.17	297.66	31.9	0.27	202.19	
27/09/2024 01:25	11.46	2.61	120.44	15.37	12.42	0	80.06	15.4	28.78	6.56	302.54	31.39	0	202.34	
27/09/2024 01:30	11.72	2.95	121.31	15.37	12.06	0.16	81.14	15.4	29.44	7.42	304.77	30.46	0.41	204.96	
27/09/2024 01:35	11.58	2.59	119.29	15.36	12.19	0.01	80.88	15.4	29.06	6.49	299.43	30.81	0.02	204.45	
27/09/2024 01:40	11.55	2.73	120.65	15.36	12.19	0.02	80.98	15.4	28.96	6.85	302.59	30.8	0.04	204.67	
27/09/2024 01:45	11.72	2.97	121.75	15.36	11.99	0.22	82.68	15.39	29.4	7.45	305.44	30.25	0.55	208.53	
27/09/2024 01:50	11.55	2.62	119.21	15.4	12.15	0.01	80.25	15.4	29.19	6.62	301.1	30.7	0.02	202.75	
27/09/2024 01:55	11.47	2.61	120.15	15.39	11.92	0	80.59	15.4	28.92	6.59	302.89	30.15	0	203.8	
27/09/2024 02:00	11.64	2.94	121.44	15.39	11.88	0.19	82.21	15.41	29.35	7.41	306.21	30.09	0.48	208.23	
27/09/2024 02:05	11.53	2.6	119.58	15.39	12.23	0	80.77	15.42	29.06	6.56	301.4				



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/09/2024 03:45	11.44	3	121.73	15.36	12	0.22	82.79	15.39	28.71	7.53	305.57	30.26	0.56	208.78	
27/09/2024 03:50	11.47	2.73	119.19	15.36	12.24	0.09	81.16	15.39	28.77	6.85	298.88	30.88	0.24	204.68	
27/09/2024 03:55	11.47	2.78	121.3	15.36	12.34	0.17	80.86	15.39	28.76	6.98	304.13	31.13	0.43	203.89	
27/09/2024 04:00	11.23	2.88	121.14	15.36	12.04	0.2	81.9	15.39	28.17	7.21	303.74	30.37	0.51	206.51	
27/09/2024 04:05	11.34	2.64	119.8	15.36	12.45	0.16	81.08	15.39	28.43	6.62	300.34	31.4	0.39	204.48	
27/09/2024 04:10	11.27	2.84	122.36	15.36	12.59	0.22	81.19	15.39	28.25	7.12	306.82	31.75	0.55	204.66	
27/09/2024 04:15	11.78	3.03	122.14	15.36	11.95	0.2	82.06	15.39	29.56	7.61	306.42	30.12	0.51	206.89	
27/09/2024 04:20	11.65	2.6	120.32	15.36	12.43	0.04	79.7	15.39	29.2	6.52	301.64	31.33	0.11	200.91	
27/09/2024 04:25	11.61	2.55	119.2	15.36	12.27	0	79.48	15.38	29.13	6.41	298.99	30.9	0	200.25	
27/09/2024 04:30	11.72	2.61	118.2	15.36	12.17	0.1	81.37	15.39	29.4	6.55	296.54	30.69	0.25	205.24	
27/09/2024 04:35	11.64	2.49	117.48	15.35	12.54	0.09	80.59	15.39	29.18	6.25	294.39	31.63	0.22	203.29	
27/09/2024 04:40	11.42	2.77	121.34	15.35	12.5	0.13	81.13	15.39	28.6	6.94	303.8	31.54	0.32	204.68	
27/09/2024 04:45	11.75	3.02	121.59	15.35	12.01	0.22	82.7	15.38	29.43	7.56	304.53	30.24	0.56	208.19	
27/09/2024 04:50	11.58	2.75	119.66	15.35	12.25	0.16	81.99	15.39	28.99	6.9	299.63	30.89	0.4	206.66	
27/09/2024 04:55	11.51	2.88	121.56	15.35	12.2	0.19	82.36	15.39	28.83	7.21	304.48	30.76	0.47	207.61	
27/09/2024 05:00	11.55	2.99	121.73	15.35	11.8	0.26	83.46	15.38	28.93	7.48	304.97	29.73	0.65	210.27	
27/09/2024 05:05	11.41	2.72	119.79	15.35	11.98	0.09	81.86	15.39	28.58	6.81	299.95	30.21	0.24	206.33	
27/09/2024 05:10	11.43	2.95	122.69	15.35	11.67	0	81.94	15.38	28.62	7.4	307.35	29.41	0	206.49	
27/09/2024 05:15	11.7	3.19	122.7	15.36	11.7	0.16	84.17	15.38	29.35	8	307.74	29.48	0.4	212.09	
27/09/2024 05:20	11.61	2.88	120.75	15.36	12.08	0.19	82.34	15.39	29.1	7.21	302.71	30.48	0.47	207.74	
27/09/2024 05:25	11.55	2.92	122.04	15.35	12.14	0.19	82	15.39	28.95	7.32	305.84	30.62	0.47	206.83	
27/09/2024 05:30	11.75	3.05	122.48	15.35	11.48	0.24	85.15	15.38	29.45	7.64	307.02	28.92	0.62	214.47	
27/09/2024 05:35	11.54	2.74	120.57	15.35	12.13	0.28	83.46	15.39	28.9	6.86	301.94	30.57	0.7	210.4	
27/09/2024 05:40	11.59	2.93	121.79	15.35	12.14	0.28	83.73	15.39	29.02	7.34	304.89	30.61	0.71	211.14	
27/09/2024 05:45	11.66	3.03	121.31	15.36	11.96	0.21	82.46	15.38	29.23	7.6	304.17	30.14	0.53	207.8	
27/09/2024 05:50	11.63	2.7	119.44	15.35	12.29	0.06	80.94	15.39	29.13	6.76	299.19	30.98	0.14	204.03	
27/09/2024 05:55	11.63	2.9	121.68	15.35	12.31	0.05	80.83	15.38	29.12	7.26	304.82	31.03	0.12	203.7	
27/09/2024 06:00	11.73	3.02	121.73	15.36	11.67	0.17	84.16	15.38	29.42	7.57	305.23	29.39	0.43	211.89	
27/09/2024 06:05	11.52	2.74	120.69	15.35	12.18	0.16	82.69	15.38	28.85	6.87	302.18	30.68	0.41	208.3	
27/09/2024 06:10	11.53	2.93	121.72	15.35	12.2	0.17	83.13	15.38	28.86	7.33	304.69	30.74	0.43	209.43	
27/09/2024 06:15	11.83	3.17	121.64	15.35	11.82	0.25	83.42	15.38	29.62	7.95	304.56	29.76	0.63	209.99	
27/09/2024 06:20	11.66	2.81	119.9	15.35	12.19	0.12	81.59	15.39	29.21	7.04	300.22	30.74	0.3	205.69	
27/09/2024 06:25	11.37	2.83	121.17	15.35	12.28	0.05	80.94	15.39	28.5	7.1	303.72	30.96	0.12	204.03	
27/09/2024 06:30	11.61	2.97	121.27	15.36	11.83	0.19	83.15	15.39	29.13	7.45	304.31	29.83	0.47	209.72	
27/09/2024 06:35	11.55	2.67	119.6	15.37	12.12	0.1	82.15	15.39	29.01	6.71	300.44	30.58	0.25	207.25	
27/09/2024 06:40	11.58	2.89	121.21	15.45	12.02	0.11	82.16	15.39	29.52	7.36	308.94	30.32	0.28	207.28	
27/09/2024 06:45	11.95	3.03	121.67	15.47	11.8	0.22	83.23	15.44	30.59	7.76	311.39	30.03	0.57	211.85	
27/09/2024 06:50	11.72	2.81	119.82	15.43	12.18	0.23	82.52	15.43	29.8	7.15	304.71	30.96	0.58	209.77	
27/09/2024 06:55	11.48	2.91	121.79	15.39	12.09	0.28	83	15.43	28.96	7.35	307.35	30.76	0.72	211.08	
27/09/2024 07:00	11.8	3.13	122.33	15.38	12.14	0.3	82.87	15.42	29.68	7.87	307.76	30.76	0.77	210.01	
27/09/2024 07:05	11.6	2.78	120.51	15.38	12.15	0.18	82.22	15.42	29.21	7.01	303.52	30.84	0.45	208.71	
27/09/2024 07:10	11.44	2.9	121.25	15.39	12.13	0.23	82.64	15.43	28.85	7.32	305.81	30.79	0.6	209.87	
27/09/2024 07:15	11.58	3.12	120.5	15.37	11.99	0.2	81.41	15.44	29.12	7.85	303.07	30.53	0.51	207.36	
27/09/2024 07:20	11.56	2.84	118.97	15.38	12.26	0.16	81.8	15.43	29.09	7.14	299.44	31.16	0.42	207.8	
27/09/2024 07:25	11.54	2.86	121.3	15.39	12.28	0.2	81.81	15.43	29.11	7.23	306.05	31.18	0.52	207.71	
27/09/2024 07:30	11.77	3.17	122.8	15.4	11.82	0.23	82.71	15.41	29.72	8.02	310.17	29.94	0.57	209.44	
27/09/2024 07:35	11.6	2.83	120.55	15.39	12.46	0.14	80.57	15.42	29.28	7.13	304.21	31.64	0.36	204.55	
27/09/2024 07:40	11.46	2.8	121.54	15.39	12.39	0.14	80.44	15.43	28.92	7.07	306.63	31.47	0.36	204.27	
27/09/2024 07:45	11.61	3.14	122.36	15.4	12.04	0.23	82.94	15.42	29.32	7.93	308.97	30.51	0.59	210.22	
27/09/2024 07:50	11.5	2.73	120.04	15.39	12.22	0.06	82.36	15.42	29.03	6.9	302.9	30.99	0.16	208.91	
27/09/2024 07:55	11.48	2.84	121.41	15.38	12.16	0.05	82.72	15.42	28.9	7.15	305.58	30.84	0.12	209.89	
27/09/2024 08:00	11.56	2.92	120.23	15.38	12	0.2	82.01	15.4	29.13	7.37	302.92	30.33	0.49	207.3	
27/09/2024 08:05	11.52	2.62	119.13	15.38	12.45	0.02	80.51	15.41	28.98	6.59	299.75	31.52	0.06	203.85	
27/09/2024 08:10	11.57	2.73	120.18	15.38	12.5	0.05	80.72	15.41	29.12	6.87	302.38	31.66	0.12	204.46	
27/09/2024 08:15	11.33	2.81	120.45	15.37	11.93	0.13	81.16	15.43	28.46	7.07	302.6	30.33	0.33	206.39	
27/09/2024 08:20	11.45	2.57	117.92	15.38	12.34	0.01	79.85	15.43	28.83	6.46	296.79	31.32	0.04	202.73	
27/09/2024 08:25	11.55	2.61	119.52	15.39	12.36	0.03	80.03	15.43	29.15	6.6	301.74	31.39	0.08	203.24	
27/09/2024 08:30	11.83	2.7	119.09	15.4	11.98	0.17	81.68	15.41	29.89	6.81	300.98	30.32	0.43	206.77	
27/09/2024 08:35	11.7	2.51	117.27	15.4	12.33	0.02	79.65	15.42	29.54	6.34	296.11	31.27	0.05	202	
27/09/2024 08:40	11.68	2.66	119.55	15.4	12.31	0.03	79.94	15.42	29.52	6.73	302.04	31.22	0.08	202.71	
27/09/2024 08:45	11.58	2.77	118.83	15.38	12.14	0.21	81.78	15.45	29.15	6.97	299.12	30.94	0.54	208.47	
27/09/2024 08:50	11.51	2.47	117.05	15.38	12.43	0.04	79.83	15.43	29	6.22	294.84	31.61	0.11	202.93	
27/09/2024 08:55	11.68	2.65	118.91	15.39	12.39	0	79.77	15.43	29.48	6.68	300.17	31.47	0	202.57	
27/09/2024 09:00	11.98	2.85	118.64	15.4	12.19	0.19	80.86	15.43	30.29	7.19	299.84	30.98	0.49	205.48	
27/09/2024 09:05	11.76	2.52	116.92	15.4	12.27	0.03	80.11	15.44	29.72	6.37	295.36	31.21	0.06	203.76	
27/09/2024 09:10	11.64	2.65	118.99	15.39	12.39	0.05	80.28	15.44	29.36	6.68	300.1	31.54	0.12	204.34	
27/09/2024 09:15	11.73	2.91	119.83	15.41	12.11	0.25	82.9	15.43	29.69	7.36	303.18	30.8	0.63	210.81	
27/09/2024 09:20	11.62	2.56	117.69	15.4	12.25	0.01	81.03	15.43	29.35	6.46	297.25	31.12	0.03	205.79	
27/09/2024 09:25	11.65	2.69	118.97	15.38	12.45	0.02	80.78	15.43	29.33	6.77	299.49	31.63	0.04	205.15	
27/09/2024 09:30	12.13	2.78	119.03	15.38	11.88	0.16	81.82	15.42	30.54	7.01	299.8	30.12	0.41	207.5	
27/09/2024 09:35	11.88	2.49	117.1	15.38	12.81	0.23	79.32	15.42	29.93	6.28	295.05	32.52	0.59	201.28	
27/09/2024 09:40	11.7	2.64	118.73	15.38	13.19	0.38	79.16	15.42	29.47	6.65	299.16	33.46	0.95	200.85	
27/09/2024 09:45	12.11	2.74	119.25	15.38	12.16										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/09/2024 11:30	11.55	3.14	120.2	15.57	11.44	0.25	83.24	15.59	30.11	8.19	313.49	29.95	0.65	217.86	
27/09/2024 11:35	11.29	2.63	118.41	15.56	12.28	0.43	81.94	15.61	29.39	6.85	308.19	32.27	1.13	215.26	
27/09/2024 11:40	11.43	2.91	120.34	15.57	12.39	0.47	81.91	15.62	29.8	7.58	313.65	32.59	1.23	215.45	
27/09/2024 11:45	11.47	2.95	120.03	15.57	11.11	0.26	83.99	15.6	29.89	7.7	312.86	29.15	0.69	220.3	
27/09/2024 11:50	11.3	2.6	117.91	15.57	12.12	0.46	81.22	15.61	29.47	6.79	307.42	31.85	1.21	213.41	
27/09/2024 11:55	11.48	2.93	120.07	15.58	12.3	0.67	81.27	15.61	30	7.64	313.65	32.32	1.77	213.57	
27/09/2024 12:00	11.75	2.97	119.97	15.57	11.24	0.22	83.34	15.6	30.63	7.74	312.7	29.47	0.57	218.42	
27/09/2024 12:05	11.37	2.52	118.38	15.58	11.8	0.07	81.12	15.65	29.71	6.59	309.26	31.27	0.18	214.97	
27/09/2024 12:10	11.59	2.91	120.89	15.6	11.7	0	81.45	15.66	30.41	7.65	317.25	31.07	0	216.24	
27/09/2024 12:15	11.81	3.02	120.65	15.6	11.62	0.23	81.69	15.63	31	7.92	316.62	30.63	0.6	215.3	
27/09/2024 12:20	11.33	2.6	119.33	15.6	11.83	0.15	81.9	15.63	29.71	6.81	312.9	31.19	0.39	215.95	
27/09/2024 12:25	11.47	2.96	121.17	15.61	11.63	0	82.17	15.63	30.12	7.78	318.22	30.64	0	216.59	
27/09/2024 12:30	11.56	2.97	120.72	15.61	11.35	0.15	82.8	15.64	30.4	7.81	317.44	29.99	0.39	218.69	
27/09/2024 12:35	11.22	2.47	117.67	15.61	11.71	0.09	81.18	15.63	29.47	6.49	309.09	30.88	0.25	214.12	
27/09/2024 12:40	11.48	2.86	120.5	15.61	11.36	0	80.67	15.63	30.15	7.51	316.49	29.99	0	212.95	
27/09/2024 12:45	11.44	3.06	121.44	15.61	11.89	0.24	83.38	15.64	30.03	8.05	318.86	31.41	0.64	220.2	
27/09/2024 12:50	11.26	2.57	119.4	15.61	11.64	0	81.85	15.64	29.56	6.75	313.45	30.77	0	216.43	
27/09/2024 12:55	11.41	2.85	120.63	15.61	11.63	0	81.77	15.64	29.97	7.48	316.96	30.73	0	216.16	
27/09/2024 13:00	11.65	2.91	120.04	15.61	11.17	0.07	84.18	15.62	30.61	7.64	315.56	29.44	0.18	221.79	
27/09/2024 13:05	11.43	2.54	118.6	15.62	12.11	0.46	82.74	15.63	30.08	6.69	312.16	31.95	1.21	218.2	
27/09/2024 13:10	11.45	2.88	121.03	15.64	12.53	0.63	82.86	15.63	30.24	7.6	319.71	33.07	1.65	218.66	
27/09/2024 13:15	11.5	3.06	121.5	15.64	11.6	0.19	83.3	15.65	30.35	8.09	320.81	30.69	0.49	220.39	
27/09/2024 13:20	11.32	2.57	118.9	15.62	11.86	0.44	82.4	15.64	29.8	6.78	313.09	31.36	1.16	217.86	
27/09/2024 13:25	11.55	2.86	120.35	15.62	12.39	0.7	82.58	15.65	30.39	7.53	316.74	32.8	1.86	218.57	
27/09/2024 13:30	11.72	3.02	120.61	15.63	11.37	0.18	82.99	15.64	30.92	7.97	318.2	30.05	0.49	219.37	
27/09/2024 13:35	11.44	2.54	119.49	15.62	12.44	0.28	82.31	15.65	30.11	6.7	314.51	32.94	0.75	217.92	
27/09/2024 13:40	11.5	2.72	120.17	15.62	12.41	0.09	82.22	15.65	30.28	7.16	316.35	32.83	0.25	217.55	
27/09/2024 13:45	12.03	2.81	118.75	15.62	11.28	0.27	82.69	15.64	31.67	7.4	312.63	29.8	0.72	218.45	
27/09/2024 13:50	11.61	2.39	117.06	15.61	12.09	0.42	83.03	15.64	30.49	6.28	307.39	31.91	1.12	219.26	
27/09/2024 13:55	11.58	2.84	119.31	15.6	12.59	0.69	83.66	15.64	30.39	7.45	313.01	33.25	1.82	220.9	
27/09/2024 14:00	11.53	2.81	117.84	15.61	11.28	0.13	85.03	15.64	30.28	7.39	309.43	29.78	0.35	224.5	
27/09/2024 14:05	11.26	2.46	117.55	15.6	12.23	0.5	82.57	15.65	29.55	6.44	308.47	32.35	1.31	218.47	
27/09/2024 14:10	11.43	2.8	120.05	15.61	12.22	0.42	82.08	15.65	30.04	7.36	315.57	32.32	1.12	217.12	
27/09/2024 14:15	11.44	2.92	119.91	15.61	11.13	0.14	83.64	15.64	30.07	7.68	315.21	29.38	0.37	220.84	
27/09/2024 14:20	11.15	2.37	118.04	15.6	11.65	0	83.35	15.64	29.26	6.23	309.84	30.79	0	220.23	
27/09/2024 14:25	11.44	2.84	119.76	15.6	11.64	0	84.05	15.64	30.01	7.44	314.13	30.75	0	222	
27/09/2024 14:30	11.58	3.03	119.95	15.61	11.38	0.37	84.53	15.64	30.41	7.97	315.06	30.06	0.97	223.22	
27/09/2024 14:35	11.18	2.52	118.24	15.61	11.62	0.27	83.31	15.65	29.38	6.62	310.73	30.77	0.71	220.57	
27/09/2024 14:40	11.37	2.93	119.1	15.63	11.59	0.25	83.16	15.65	30.01	7.73	314.34	30.7	0.66	220.23	
27/09/2024 14:45	11.83	2.97	118.47	15.64	11	0.16	83.14	15.66	31.25	7.85	313.03	29.2	0.43	220.72	
27/09/2024 14:50	11.42	2.56	116.94	15.64	11.92	0.15	83.21	15.68	30.16	6.77	308.86	31.74	0.39	221.49	
27/09/2024 14:55	11.36	2.78	119.18	15.65	11.95	0.08	83.22	15.68	30.07	7.35	315.46	31.81	0.21	221.45	
27/09/2024 15:00	11.36	2.92	119.94	15.65	11.09	0.15	83.45	15.68	30.1	7.75	317.83	29.51	0.39	222.16	
27/09/2024 15:05	11.09	2.4	117.14	15.64	11.66	0	81.38	15.68	29.32	6.35	309.66	31.05	0.01	216.68	
27/09/2024 15:10	11.58	2.72	117.79	15.63	11.52	0	81.25	15.68	30.55	7.17	310.87	30.64	0	216.21	
27/09/2024 15:15	11.56	2.91	117.83	15.63	11.31	0.2	82.33	15.65	30.5	7.67	310.76	29.93	0.53	217.9	
27/09/2024 15:20	11.35	2.64	117.53	15.62	11.9	0.52	81.93	15.65	29.88	6.95	309.46	31.51	1.39	216.96	
27/09/2024 15:25	11.3	3.25	119.31	15.62	12.31	0.81	82.05	15.65	29.77	8.55	314.19	32.62	2.15	217.36	
27/09/2024 15:30	11.47	3.39	119.05	15.63	11.02	0.51	83.25	15.66	30.26	8.95	314.07	29.23	1.35	220.71	
27/09/2024 15:35	10.92	3.01	118.56	15.63	10.82	0.27	82.3	15.67	28.83	7.96	312.94	28.74	0.72	218.7	
27/09/2024 15:40	11.18	3.67	119.62	15.65	10.27	0	82.22	15.67	29.64	9.71	316.98	27.27	0	218.4	
27/09/2024 15:45	11.3	3.9	119.58	15.66	10.7	0.9	83.33	15.69	30	10.36	317.46	28.59	2.41	222.5	
27/09/2024 15:50	10.99	3.55	117.35	15.67	11.51	1.36	82.79	15.72	29.23	9.44	312.07	30.9	3.66	222.2	
27/09/2024 15:55	11.11	4.04	119.22	15.71	11.91	1.78	82.72	15.73	29.74	10.82	319.05	32	4.79	222.32	
27/09/2024 16:00	11.25	4.16	119.89	15.72	10.95	1.46	84.73	15.75	30.19	11.16	321.73	29.57	3.95	228.7	
27/09/2024 16:05	10.58	3.72	118.24	15.73	10.62	1.39	83.68	15.76	28.43	10	317.6	28.75	3.76	226.5	
27/09/2024 16:10	10.89	4.54	120.97	15.75	10.06	1.06	83.7	15.76	29.39	12.24	326.46	27.23	2.88	226.47	
27/09/2024 16:15	10.86	4.69	120.75	15.76	10.5	1.7	85.9	15.8	29.39	12.69	326.8	28.59	4.64	233.87	
27/09/2024 16:20	10.48	4.22	119.22	15.77	10.95	1.98	84.48	15.82	28.39	11.42	322.98	29.95	5.42	230.93	
27/09/2024 16:25	10.91	4.69	120.24	15.8	10.61	1.67	84.06	15.81	29.72	12.78	327.5	29	4.57	229.75	
27/09/2024 16:30	11.02	4.91	120.25	15.81	10.71	2.2	86.4	15.84	30.08	13.39	328.25	29.43	6.05	237.37	
27/09/2024 16:35	10.62	4.44	118.9	15.81	11.01	2.27	85.97	15.86	29	12.13	324.74	30.34	6.27	236.99	
27/09/2024 16:40	10.65	5.09	122.38	15.83	11.03	2.2	86.13	15.86	29.22	13.95	335.61	30.42	6.08	237.5	
27/09/2024 16:45	10.88	5.24	121.77	15.84	10.28	2.14	88.07	15.88	29.9	14.4	334.74	28.45	5.93	243.75	
27/09/2024 16:50	10.48	4.69	120.71	15.85	11.02	2.41	87.38	15.9	28.84	12.91	332.29	30.64	6.69	242.96	
27/09/2024 16:55	10.83	4.77	121.21	15.88	10.58	1.92	87.75	15.9	29.98	13.2	335.67	29.4	5.34	243.87	
27/09/2024 17:00	10.84	4.83	120.95	15.89	10.31	1.46	86.66	15.92	30.09	13.4	335.62	28.79	4.07	241.83	
27/09/2024 17:05	10.97	3.74	115.59	15.86	11.24	1.63	84.92	15.93	30.28	10.34	319.07	31.41	4.55	237.36	
27/09/2024 17:10	11.63	3.4	114.72	15.83	11.61	1.8	85.05	15.93	31.86	9.33	314.38	32.47	5.03	237.84	
27/09/2024 17:15	11.5	3.49	115.77	15.83	10.66	0.95	86.24	15.89	31.51	9.55	317.17	29.55	2.63	239.01	
27/09/2024 17:20	11.18	2.92	115.13	15.81	11.12	1.22	85.94	15.88	30.51	7.97	314.24	30.78	3.38	237.9	
27/09/2024 17:25	11.77	3.15	115.43	15.78	10.7	0.86	86.34	15.87	31.98	8.55	313.58	29.59	2.38	238.69	
27/09/2024 17:30	12.08	3.27	113.22	15.8	11.03	0.52	79.76	15.8	32.89						



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/09/2024 19:15	11.91	3.64	124.88	15.62	11.88	0.47	84.33	15.72	31.36	9.59	328.86	31.88	1.24	226.29	
27/09/2024 19:20	11.71	3.14	122.15	15.63	12.82	0.58	81.89	15.69	30.9	8.28	322.31	34.16	1.54	218.27	
27/09/2024 19:25	11.62	3.43	123.56	15.61	12.86	0.5	81.44	15.68	30.54	9.01	324.87	34.27	1.33	217.04	
27/09/2024 19:30	11.81	3.66	125.04	15.61	11.98	0.44	84.96	15.65	31.01	9.6	328.33	31.69	1.16	224.76	
27/09/2024 19:35	11.51	3.21	123.81	15.6	12.59	0.59	83.8	15.65	30.2	8.43	325	33.33	1.57	221.91	
27/09/2024 19:40	11.64	3.44	124.5	15.6	12.61	0.53	83.33	15.65	30.55	9.03	326.6	33.38	1.41	220.62	
27/09/2024 19:45	11.64	3.6	124.52	15.6	11.78	0.4	85.14	15.63	30.53	9.43	326.56	31.1	1.07	224.67	
27/09/2024 19:50	11.48	3.15	122.35	15.6	12.33	0.57	84.15	15.65	30.09	8.27	320.75	32.6	1.52	222.59	
27/09/2024 19:55	11.6	3.43	124.18	15.6	12.3	0.61	84.42	15.65	30.42	8.99	325.54	32.55	1.61	223.45	
27/09/2024 20:00	11.47	3.63	125.47	15.6	11.84	0.45	85	15.62	30.08	9.51	329.06	31.2	1.17	223.91	
27/09/2024 20:05	11.5	3.16	122.64	15.6	12.64	0.6	83.35	15.6	30.18	8.29	321.89	33.15	1.58	218.65	
27/09/2024 20:10	11.67	3.39	123.44	15.59	12.86	0.72	83.17	15.6	30.57	8.87	323.33	33.73	1.89	218.13	
27/09/2024 20:15	11.83	3.43	123.85	15.6	11.79	0.29	84.27	15.62	31.04	8.99	324.92	31.01	0.75	221.73	
27/09/2024 20:20	11.55	3.09	122.3	15.59	12.19	0.57	84.44	15.62	30.23	8.09	320.08	32.09	1.5	222.22	
27/09/2024 20:25	11.43	3.37	123.87	15.58	12.22	0.56	84.36	15.62	29.85	8.8	323.53	32.16	1.48	222.03	
27/09/2024 20:30	11.43	3.58	123.72	15.59	11.98	0.4	85.33	15.61	29.89	9.36	323.61	31.49	1.04	224.19	
27/09/2024 20:35	11.34	3.23	121.8	15.59	12.51	0.6	83.7	15.61	29.67	8.46	318.54	32.86	1.56	219.86	
27/09/2024 20:40	11.68	3.29	123.18	15.58	12.41	0.64	83.59	15.61	30.51	8.58	321.64	32.6	1.68	219.69	
27/09/2024 20:45	11.55	3.41	123.23	15.58	11.87	0.34	85.62	15.61	30.19	8.91	322.25	31.18	0.9	224.79	
27/09/2024 20:50	11.37	3.04	122.11	15.6	12.36	0.54	83.89	15.61	29.81	7.96	320.26	32.48	1.41	220.39	
27/09/2024 20:55	11.73	3.29	122.59	15.6	12.34	0.53	83.72	15.61	30.75	8.64	321.5	32.42	1.4	219.89	
27/09/2024 21:00	12.11	3.52	122.94	15.58	11.99	0.38	85.31	15.6	31.61	9.18	320.91	31.43	0.99	223.63	
27/09/2024 21:05	11.81	3.09	121.44	15.57	12.45	0.4	83.06	15.61	30.81	8.04	316.63	32.71	1.05	218.15	
27/09/2024 21:10	11.72	3.23	122.42	15.56	12.64	0.33	82.5	15.62	30.51	8.4	318.61	33.26	0.86	217.07	
27/09/2024 21:15	11.64	3.28	121.83	15.54	11.9	0.31	85.41	15.59	30.2	8.52	316.06	31.13	0.8	223.33	
27/09/2024 21:20	11.6	2.96	120.48	15.54	12.33	0.51	83.92	15.59	30.1	7.69	312.69	32.3	1.35	219.84	
27/09/2024 21:25	11.67	3.2	121.69	15.54	12.45	0.66	83.91	15.6	30.29	8.3	315.81	32.63	1.72	219.86	
27/09/2024 21:30	12.14	3.25	120.52	15.54	12.08	0.39	85.18	15.57	31.51	8.44	312.75	31.48	1	221.96	
27/09/2024 21:35	11.82	2.99	120.31	15.53	12.71	0.68	84.18	15.58	30.62	7.74	311.5	33.2	1.77	219.83	
27/09/2024 21:40	11.68	3.15	121.51	15.53	13.02	0.89	83.97	15.58	30.23	8.15	314.37	34.02	2.33	219.51	
27/09/2024 21:45	11.93	3.13	120.22	15.53	12.17	0.24	84.23	15.55	30.88	8.1	311.07	31.64	0.62	219.05	
27/09/2024 21:50	11.86	2.76	117.5	15.52	12.63	0.43	81.52	15.56	30.66	7.14	303.84	32.85	1.13	212.08	
27/09/2024 21:55	11.91	2.94	119.48	15.52	12.64	0.55	81.3	15.56	30.78	7.6	308.87	32.89	1.42	211.53	
27/09/2024 22:00	11.97	3.08	120.39	15.5	12.36	0.3	82.8	15.53	30.81	7.93	309.89	32.01	0.78	214.34	
27/09/2024 22:05	11.82	2.73	118.5	15.5	12.67	0.28	81.35	15.55	30.43	7.03	304.99	32.92	0.73	211.35	
27/09/2024 22:10	11.79	3.02	120.54	15.55	12.67	0.25	81.2	15.55	30.61	7.85	313.02	32.92	0.65	210.98	
27/09/2024 22:15	11.97	3.17	120.17	15.59	12.04	0.3	84.56	15.56	31.32	8.3	314.43	31.32	0.79	220.06	
27/09/2024 22:20	11.71	2.83	119.19	15.55	12.38	0.34	83.66	15.56	30.4	7.35	309.51	32.21	0.88	217.61	
27/09/2024 22:25	11.83	3.13	120.84	15.5	12.36	0.3	83.53	15.55	30.47	8.06	311.28	32.14	0.77	217.22	
27/09/2024 22:30	11.95	3.17	120.64	15.52	11.81	0.38	85.02	15.54	30.86	8.19	311.44	30.64	0.99	220.58	
27/09/2024 22:35	11.75	2.91	120	15.51	12.4	0.3	83.43	15.55	30.31	7.5	309.48	32.2	0.77	216.6	
27/09/2024 22:40	11.76	3.26	122.35	15.51	12.45	0.36	83.22	15.55	30.32	8.41	315.36	32.33	0.93	216.02	
27/09/2024 22:45	11.59	3.34	121.86	15.51	11.82	0.23	84	15.53	29.89	8.62	314.13	30.62	0.6	217.62	
27/09/2024 22:50	11.48	3.03	120.78	15.5	12.34	0.48	84.14	15.54	29.56	7.81	311.08	32.01	1.25	218.25	
27/09/2024 22:55	11.53	3.24	122.66	15.49	12.42	0.53	84.2	15.54	29.66	8.34	315.36	32.24	1.38	218.52	
27/09/2024 23:00	11.55	3.36	123.02	15.48	11.67	0.32	85.64	15.52	29.63	8.63	315.65	30.12	0.82	221.12	
27/09/2024 23:05	11.48	3.03	121.56	15.49	12.29	0.43	84.03	15.53	29.48	7.78	312.02	31.81	1.12	217.46	
27/09/2024 23:10	11.64	3.29	122.81	15.49	12.34	0.44	83.86	15.53	29.94	8.45	315.81	31.95	1.13	217.05	
27/09/2024 23:15	12.14	3.39	122.64	15.49	11.79	0.37	85.98	15.52	31.21	8.72	315.32	30.49	0.97	222.29	
27/09/2024 23:20	11.84	3.09	120.72	15.49	12.27	0.67	85.13	15.53	30.44	7.94	310.27	31.75	1.73	220.37	
27/09/2024 23:25	11.59	3.26	122.27	15.49	12.36	0.83	85.34	15.53	29.77	8.38	314.16	31.99	2.14	220.9	
27/09/2024 23:30	11.61	3.31	121.97	15.49	11.68	0.29	84.92	15.5	29.85	8.52	313.59	30.07	0.75	218.62	
27/09/2024 23:35	11.49	3	120.02	15.5	12.38	0.44	83.63	15.51	29.59	7.73	309.09	31.93	1.15	215.78	
27/09/2024 23:40	11.57	3.19	122.81	15.5	12.44	0.47	83.56	15.51	29.79	8.21	316.32	32.07	1.21	215.47	
27/09/2024 23:45	11.59	3.42	123.3	15.5	11.73	0.32	86.16	15.53	29.86	8.82	317.56	30.35	0.83	222.88	
27/09/2024 23:50	11.45	3.04	121.18	15.49	12.06	0.51	84.29	15.51	29.4	7.81	311.19	31.11	1.32	217.48	
27/09/2024 23:55	11.46	3.18	122.9	15.49	11.75	0.53	84.48	15.51	29.46	8.18	316.01	30.29	1.37	217.78	
28/09/2024 00:00	11.81	3.38	122.31	15.5	11.77	0.31	84.81	15.51	30.39	8.69	314.66	30.34	0.8	218.66	
28/09/2024 00:05	11.63	2.96	120.81	15.49	12.23	0.41	83.91	15.52	29.88	7.61	310.28	31.63	1.05	216.89	
28/09/2024 00:10	11.5	3.3	123.78	15.49	12.34	0.44	84.08	15.52	29.54	8.49	317.94	31.9	1.13	217.3	
28/09/2024 00:15	11.72	3.51	123.06	15.5	11.79	0.37	86.42	15.53	30.18	9.04	316.85	30.5	0.96	223.51	
28/09/2024 00:20	11.61	3.15	121.81	15.49	12.42	0.63	84.61	15.53	29.84	8.09	313.12	32.15	1.64	218.92	
28/09/2024 00:25	11.57	3.19	122.54	15.49	12.64	0.81	84.98	15.53	29.75	8.19	315.05	32.74	2.11	220.09	
28/09/2024 00:30	11.67	3.3	122.95	15.49	11.8	0.38	86.61	15.52	29.99	8.48	315.94	30.47	0.98	223.67	
28/09/2024 00:35	11.5	2.97	121.15	15.48	12.2	0.48	84.64	15.51	29.49	7.62	310.59	31.46	1.24	218.35	
28/09/2024 00:40	11.59	3.19	122.55	15.47	12.22	0.44	83.88	15.5	29.64	8.17	313.47	31.47	1.13	216.03	
28/09/2024 00:45	12.07	3.27	122.1	15.46	11.87	0.33	85.17	15.53	30.84	8.35	312.03	30.74	0.86	220.44	
28/09/2024 00:50	11.78	2.91	120.6	15.47	12.57	0.47	84.25	15.53	30.18	7.46	308.81	32.52	1.21	217.95	
28/09/2024 00:55	11.69	3.23	122.26	15.48	12.69	0.52	84.64	15.53	29.98	8.28	313.5	32.83	1.33	219.01	
28/09/2024 01:00	11.81	3.31	121.65	15.48	11.83	0.3	85	15.52	30.28	8.49	311.89	30.54	0.78	219.41	
28/09/2024 01:05	11.56	2.92	120.11	15.48	12.28	0.4	83.83	15.52	29.62	7.48	307.81	31.73	1.04	216.6	
28/09/2024 01:10	11.69	3.15	122.23	15.48	12.25	0.41	83.64	15.52	29.97	8.07	313.38	31.65	1.05	216.11	
28/09/2024 01:15	11.88	3.31	122												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
28/09/2024 03:00	11.69	3.33	122.2	15.45	11.96	0.4	85.61	15.48	29.82	8.49	311.66	30.71	1.04	219.71	
28/09/2024 03:05	11.55	2.95	120.68	15.45	12.35	0.52	84.47	15.49	29.45	7.53	307.68	31.71	1.33	216.88	
28/09/2024 03:10	11.49	3.3	123.4	15.45	12.31	0.55	84.63	15.49	29.29	8.41	314.56	31.61	1.4	217.27	
28/09/2024 03:15	12.16	3.46	123.04	15.45	11.9	0.39	86.33	15.48	31.02	8.82	313.9	30.49	1	221.22	
28/09/2024 03:20	11.84	3.07	121.43	15.45	12.21	0.52	85.7	15.48	30.17	7.84	309.46	31.32	1.34	219.79	
28/09/2024 03:25	11.62	3.25	123.51	15.45	12.06	0.56	86.14	15.48	29.63	8.29	314.83	30.93	1.44	220.9	
28/09/2024 03:30	11.58	3.36	123.41	15.45	11.96	0.28	86.41	15.48	29.53	8.57	314.83	30.66	0.72	221.43	
28/09/2024 03:35	11.49	3	121.82	15.45	12.75	0.37	83.03	15.48	29.28	7.65	310.45	32.68	0.96	212.87	
28/09/2024 03:40	11.53	3.19	123.7	15.44	12.95	0.33	82.44	15.48	29.34	8.13	314.82	33.21	0.84	211.34	
28/09/2024 03:45	11.38	3.41	123.73	15.44	11.67	0.31	85.13	15.46	28.95	8.67	314.86	29.83	0.79	217.61	
28/09/2024 03:50	11.37	2.99	121.78	15.43	12.26	0.4	84.04	15.48	28.91	7.6	309.65	31.42	1.03	215.42	
28/09/2024 03:55	11.6	3.2	122.91	15.43	12.2	0.38	84.03	15.48	29.5	8.13	312.58	31.29	0.96	215.43	
28/09/2024 04:00	11.97	3.31	122.52	15.44	12.11	0.24	84.35	15.47	30.47	8.44	311.95	30.99	0.62	215.91	
28/09/2024 04:05	11.84	2.87	120.55	15.44	12.77	0.24	81.69	15.47	30.13	7.31	306.69	32.7	0.63	209.24	
28/09/2024 04:10	11.87	2.91	120.18	15.44	12.97	0.28	81.72	15.48	30.21	7.41	305.92	33.23	0.72	209.38	
28/09/2024 04:15	11.95	3.09	120.3	15.44	12.52	0.4	82.62	15.47	30.42	7.87	306.3	32.06	1.03	211.49	
28/09/2024 04:20	11.75	2.86	120.34	15.44	12.44	0.23	82.16	15.47	29.92	7.27	306.33	31.85	0.59	210.42	
28/09/2024 04:25	11.74	3.13	122.38	15.44	12.58	0.33	82.17	15.47	29.9	7.98	311.67	32.22	0.84	210.48	
28/09/2024 04:30	11.86	3.25	122.84	15.44	11.98	0.36	84.36	15.47	30.19	8.28	312.68	30.66	0.91	215.87	
28/09/2024 04:35	11.71	2.9	120.62	15.44	12.57	0.28	82.26	15.47	29.81	7.38	306.95	32.21	0.71	210.75	
28/09/2024 04:40	11.67	3.19	122.26	15.44	12.63	0.2	81.94	15.48	29.71	8.12	311.16	32.35	0.52	209.94	
28/09/2024 04:45	11.63	3.39	122.81	15.44	11.78	0.29	84.12	15.47	29.59	8.63	312.6	30.15	0.75	215.34	
28/09/2024 04:50	11.54	3.07	120.54	15.44	12.56	0.4	83.08	15.48	29.39	7.81	306.85	32.19	1.02	212.97	
28/09/2024 04:55	11.65	3.24	122.51	15.44	12.7	0.41	82.86	15.48	29.68	8.26	312.01	32.57	1.04	212.43	
28/09/2024 05:00	11.72	3.48	123.5	15.45	11.87	0.33	85.2	15.47	29.87	8.87	314.8	30.36	0.83	217.98	
28/09/2024 05:05	11.61	3.1	121.35	15.44	12.42	0.41	83.37	15.47	29.56	7.9	309.03	31.8	1.05	213.51	
28/09/2024 05:10	11.65	3.22	122.88	15.44	12.47	0.42	83.78	15.48	29.66	8.2	312.84	31.95	1.08	214.67	
28/09/2024 05:15	11.83	3.48	123.18	15.44	11.92	0.33	83.84	15.46	30.1	8.86	313.37	30.47	0.85	214.29	
28/09/2024 05:20	11.68	3.07	120.75	15.43	12.17	0.43	83.35	15.47	29.71	7.81	307.1	31.16	1.1	213.4	
28/09/2024 05:25	11.6	3.25	122.43	15.43	12.06	0.44	83.38	15.47	29.49	8.26	311.35	30.89	1.12	213.5	
28/09/2024 05:30	11.56	3.41	122.33	15.44	11.66	0.27	84.55	15.46	29.43	8.68	311.37	29.81	0.7	216.14	
28/09/2024 05:35	11.49	2.98	120.8	15.44	12.34	0.32	83.44	15.47	29.22	7.59	307.24	31.57	0.83	213.56	
28/09/2024 05:40	11.63	3.28	122.92	15.44	12.33	0.19	83.39	15.47	29.61	8.34	312.95	31.53	0.48	213.3	
28/09/2024 05:45	11.69	3.5	123.11	15.44	11.66	0.37	86.41	15.47	29.78	8.92	313.62	29.85	0.94	221.16	
28/09/2024 05:50	11.66	3.16	121.66	15.44	12.22	0.47	84.51	15.47	29.66	8.03	309.59	31.28	1.2	216.28	
28/09/2024 05:55	11.58	3.27	123.26	15.44	12.23	0.44	84.11	15.47	29.48	8.31	313.74	31.3	1.12	215.2	
28/09/2024 06:00	11.8	3.39	122.8	15.44	11.83	0.43	85.6	15.46	30.01	8.63	312.47	30.23	1.1	218.79	
28/09/2024 06:05	11.57	3.04	121.39	15.44	12.49	0.62	85.55	15.48	29.43	7.73	308.82	32	1.58	219.19	
28/09/2024 06:10	11.45	3.25	122.74	15.44	12.66	0.64	85.42	15.48	29.15	8.27	312.49	32.43	1.64	218.87	
28/09/2024 06:15	11.83	3.42	122.97	15.45	12	0.38	86.3	15.47	30.15	8.73	313.45	30.75	0.97	221.09	
28/09/2024 06:20	11.65	3.11	121.67	15.44	12.45	0.54	84.89	15.47	29.66	7.92	309.63	31.88	1.39	217.48	
28/09/2024 06:25	11.5	3.38	123.67	15.43	12.56	0.53	84.59	15.47	29.22	8.6	314.33	32.17	1.36	216.62	
28/09/2024 06:30	11.42	3.74	124.33	15.44	11.48	0.38	88.19	15.46	29.06	9.5	316.28	29.33	0.98	225.32	
28/09/2024 06:35	11.39	3.33	123.48	15.43	12.57	0.67	86.18	15.46	28.95	8.45	313.77	32.12	1.72	220.27	
28/09/2024 06:40	11.52	3.31	123.31	15.43	12.7	0.72	86.14	15.46	29.3	8.41	313.62	32.46	1.84	220.14	
28/09/2024 06:45	11.59	3.38	123.74	15.43	12.07	0.62	87.18	15.46	29.46	8.59	314.6	30.86	1.59	222.92	
28/09/2024 06:50	11.4	3.02	122.19	15.43	11.93	0.4	86.13	15.47	28.99	7.67	310.6	30.52	1.03	220.38	
28/09/2024 06:55	11.62	3.31	123.47	15.43	11.88	0.5	85.94	15.47	29.54	8.41	313.81	30.4	1.28	220	
28/09/2024 07:00	12.09	3.42	123.28	15.44	11.94	0.4	85.47	15.46	30.77	8.71	313.71	30.5	1.03	218.33	
28/09/2024 07:05	11.75	3.11	121.9	15.43	12.33	0.49	85.74	15.47	29.87	7.9	309.78	31.54	1.26	219.33	
28/09/2024 07:10	11.52	3.38	123.87	15.43	12.42	0.44	85.61	15.47	29.28	8.6	314.83	31.77	1.12	218.97	
28/09/2024 07:15	11.67	3.53	124.27	15.44	11.65	0.42	87.19	15.46	29.71	8.99	316.3	29.8	1.06	222.97	
28/09/2024 07:20	11.46	3.19	121.71	15.44	12.2	0.48	85.28	15.47	29.16	8.12	309.58	31.21	1.22	218.16	
28/09/2024 07:25	11.57	3.38	123.37	15.44	12.22	0.41	84.69	15.47	29.44	8.61	313.9	31.25	1.04	216.61	
28/09/2024 07:30	12.11	3.59	124.11	15.44	11.48	0.41	86.89	15.46	30.82	9.15	315.9	29.35	1.05	222.07	
28/09/2024 07:35	11.72	3.15	121.72	15.43	11.95	0.5	84.44	15.46	29.81	8.01	309.53	30.55	1.28	215.95	
28/09/2024 07:40	11.53	3.26	122.56	15.43	11.83	0.53	84.45	15.46	29.33	8.28	311.68	30.25	1.36	215.95	
28/09/2024 07:45	11.83	3.24	121.53	15.44	11.75	0.32	85.2	15.46	30.09	8.23	309.16	30.02	0.81	217.63	
28/09/2024 07:50	11.68	2.88	119.68	15.43	12.23	0.36	82.91	15.47	29.7	7.32	304.28	31.3	0.92	212.19	
28/09/2024 07:55	11.76	3.16	121.27	15.43	12.25	0.36	82.39	15.47	29.91	8.03	308.44	31.34	0.92	210.8	
28/09/2024 08:00	11.73	3.42	121.39	15.44	11.92	0.36	85.33	15.47	29.84	8.71	308.79	30.52	0.91	218.43	
28/09/2024 08:05	11.73	2.97	119.13	15.44	12.39	0.35	83.28	15.48	29.84	7.56	303.01	31.76	0.89	213.59	
28/09/2024 08:10	11.65	3.07	119.55	15.5	12.48	0.28	82.86	15.48	29.97	7.91	307.47	32.01	0.72	212.43	
28/09/2024 08:15	11.81	3.23	119.51	15.48	11.96	0.3	83.44	15.5	30.31	8.3	306.64	30.78	0.78	214.63	
28/09/2024 08:20	11.59	2.87	119.13	15.47	12.17	0.23	82.78	15.5	29.69	7.35	305.1	31.34	0.6	213.19	
28/09/2024 08:25	11.66	3.05	118.73	15.46	12.03	0.11	82.97	15.5	29.8	7.8	303.34	30.98	0.28	213.63	
28/09/2024 08:30	11.98	3.27	119.88	15.47	11.96	0.32	83.22	15.5	30.67	8.36	306.79	30.8	0.82	214.29	
28/09/2024 08:35	11.82	2.75	117.02	15.47	12.51	0.38	80.2	15.51	30.25	7.03	299.5	32.25	0.99	206.73	
28/09/2024 08:40	11.68	2.98	118.7	15.47	12.67	0.58	80.19	15.51	29.92	7.62	303.98	32.67	1.49	206.71	
28/09/2024 08:45	11.78	3.09	118.45	15.48	11.85	0.4	84.4	15.5	30.18	7.92	303.51	30.52	1.03	217.43	
28/09/2024 08:50	11.64	2.74	117.68	15.47	12.18	0.3	82.47	15.51	29.82	7.01	301.41	31.43	0.79	212.81	
28/09/2024 08:55	11.67	2.9	118	15.47	12.38	0.47	82.41	15.52	29.85	7.43	301.84	31.95	1.21	212.74	
28/09/2024 09:00	12.14	3.25	118.61	15.4											



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
28/09/2024 10:45	11.22	4.85	118.02	15.67	11.13	1.71	81.53	15.69	29.81	12.87	313.48	29.68	4.56	217.44	
28/09/2024 10:50	10.98	4.53	116.71	15.67	11.98	2.35	79.9	15.71	29.19	12.05	310.26	32.11	6.3	214.14	
28/09/2024 10:55	10.82	4.94	118.92	15.69	12.47	2.78	80.02	15.72	28.87	13.19	317.31	33.47	7.47	214.79	
28/09/2024 11:00	11.05	5.22	119.39	15.71	11.12	2.23	82.05	15.72	29.61	13.99	320	29.86	6	220.22	
28/09/2024 11:05	10.74	4.83	118.03	15.71	11.76	2.45	80.45	15.75	28.78	12.94	316.36	31.74	6.61	217.19	
28/09/2024 11:10	10.91	5.19	120.51	15.74	11.94	2.58	80.38	15.76	29.39	13.99	324.7	32.26	6.97	217.2	
28/09/2024 11:15	11.02	5.13	119.53	15.74	11.06	2.13	84.02	15.78	29.67	13.81	321.93	30.03	5.79	228.1	
28/09/2024 11:20	10.86	4.62	117.83	15.75	12.32	2.72	82.91	15.81	29.29	12.46	317.79	33.61	7.43	226.23	
28/09/2024 11:25	10.91	4.54	119.36	15.77	12.66	2.92	82.94	15.81	29.56	12.31	323.48	34.57	7.98	226.53	
28/09/2024 11:30	11.19	4.47	117.7	15.78	11	1.32	82.88	15.79	30.35	12.12	319.23	29.94	3.6	225.6	
28/09/2024 11:35	10.93	3.91	116.84	15.75	12.05	1.57	81.49	15.78	29.52	10.55	315.54	32.73	4.28	221.41	
28/09/2024 11:40	11.05	4.12	119.18	15.73	12.25	1.61	81.56	15.78	29.72	11.08	320.43	33.28	4.37	221.55	
28/09/2024 11:45	11.46	4.35	120.19	15.73	11.57	1.12	81.3	15.76	30.8	11.68	322.91	31.28	3.02	219.71	
28/09/2024 11:50	11.26	3.84	117.74	15.72	12.28	1.34	79.62	15.76	30.22	10.32	316.04	33.18	3.62	215.17	
28/09/2024 11:55	11.35	3.83	119.39	15.72	12.7	1.55	79.03	15.76	30.44	10.26	320.11	34.34	4.18	213.63	
28/09/2024 12:00	11.42	3.85	119.47	15.71	11.44	0.62	82.48	15.73	30.59	10.32	320.02	30.76	1.66	221.73	
28/09/2024 12:05	11.14	3.47	117.69	15.7	11.87	0.8	80.12	15.72	29.77	9.27	314.3	31.85	2.15	214.98	
28/09/2024 12:10	11.45	3.7	119.65	15.68	11.7	0.73	79.75	15.72	30.47	9.86	318.51	31.39	1.97	213.88	
28/09/2024 12:15	11.5	3.88	120.91	15.68	11.73	0.74	82.25	15.7	30.61	10.33	321.65	31.36	1.98	219.84	
28/09/2024 12:20	11.34	3.32	118.2	15.66	12.4	0.69	80.59	15.69	30.1	8.82	313.66	33.1	1.84	215.1	
28/09/2024 12:25	11.4	3.63	120.01	15.65	12.42	0.64	80.45	15.69	30.18	9.61	317.68	33.13	1.71	214.61	
28/09/2024 12:30	11.63	3.92	120.45	15.65	11.71	0.64	82.94	15.67	30.78	10.39	318.91	31.14	1.7	220.6	
28/09/2024 12:35	11.28	3.31	118.78	15.64	12.25	0.71	81.13	15.68	29.85	8.76	314.15	32.61	1.89	216.06	
28/09/2024 12:40	11.45	3.5	120.01	15.64	12.2	0.58	81.44	15.68	30.22	9.23	316.87	32.5	1.54	216.91	
28/09/2024 12:45	11.34	3.43	118.16	15.63	11.74	0.51	82.23	15.65	29.94	9.04	311.81	31.1	1.34	217.82	
28/09/2024 12:50	11.23	3.18	117.7	15.62	12.05	0.74	82.8	15.65	29.56	8.37	309.91	31.89	1.95	219.2	
28/09/2024 12:55	11.38	3.56	120.59	15.62	12.2	0.88	82.94	15.65	29.94	9.38	317.29	32.31	2.32	219.59	
28/09/2024 13:00	11.71	3.63	119.58	15.62	11.36	0.64	84.07	15.77	30.85	9.56	315	30.79	1.71	227.87	
28/09/2024 13:05	11.41	3.16	118.04	15.64	12	0.9	83.41	15.74	30.16	8.33	311.81	32.34	2.42	224.75	
28/09/2024 13:10	11.49	3.51	120.86	15.65	12.36	1.31	83.56	15.72	30.42	9.29	319.87	33.16	3.52	224.18	
28/09/2024 13:15	11.57	3.43	119.05	15.65	11.97	0.59	81.59	15.67	30.63	9.08	315.13	31.8	1.56	216.78	
28/09/2024 13:20	11.38	2.94	116.93	15.68	11.78	0.44	81.92	15.74	30.33	7.84	311.6	31.75	1.18	220.73	
28/09/2024 13:25	11.63	3.3	118.8	15.68	12.11	0.72	81.78	15.77	30.94	8.77	316.05	32.78	1.95	221.4	
28/09/2024 13:30	11.5	3.53	120.56	15.66	11.69	0.3	81.24	15.68	30.51	9.36	319.88	31.13	0.8	216.2	
28/09/2024 13:35	11.3	3.12	118.25	15.65	12.19	0.65	80.36	15.68	29.93	8.26	313.17	32.46	1.73	213.95	
28/09/2024 13:40	11.45	3.37	119.2	15.64	12.53	1.06	80.38	15.68	30.23	8.89	314.8	33.39	2.83	214.14	
28/09/2024 13:45	11.92	3.56	119.18	15.64	11.58	0.35	82.25	15.67	31.5	9.41	315.08	30.81	0.94	218.72	
28/09/2024 13:50	11.54	3.12	117.42	15.65	12.08	0.63	81.32	15.68	30.53	8.26	310.65	32.18	1.68	216.61	
28/09/2024 13:55	11.36	3.25	119.76	15.64	12.38	0.88	81.63	15.69	30.02	8.59	316.35	33.01	2.34	217.73	
28/09/2024 14:00	11.85	3.47	119.43	15.64	11.5	0.36	82.66	15.67	31.3	9.16	315.37	30.57	0.96	219.67	
28/09/2024 14:05	11.34	2.98	118.23	15.63	11.47	0.21	81.71	15.67	29.94	7.87	311.96	30.48	0.55	217.14	
28/09/2024 14:10	11.48	3.42	120.79	15.64	11.14	0	81.53	15.66	30.33	9.04	319.15	29.56	0	216.31	
28/09/2024 14:15	11.5	3.5	120.62	15.63	11.06	0.4	82.94	15.66	30.34	9.24	318.21	29.31	1.05	219.79	
28/09/2024 14:20	11.16	2.96	118.03	15.63	11.54	0.34	81.75	15.66	29.4	7.81	311.09	30.62	0.91	217.01	
28/09/2024 14:25	11.47	3.31	120.2	15.63	10.92	0	81.38	15.66	30.22	8.72	316.74	28.95	0	215.71	
28/09/2024 14:30	11.61	3.51	120.46	15.62	11.43	0.36	82.94	15.65	30.59	9.26	317.42	30.27	0.95	219.66	
28/09/2024 14:35	11.31	3.02	119.22	15.62	12.02	0.35	81.19	15.66	29.78	7.96	313.99	31.92	0.93	215.51	
28/09/2024 14:40	11.44	3.15	119.03	15.63	12.05	0.31	80.92	15.66	30.17	8.3	313.91	31.98	0.83	214.83	
28/09/2024 14:45	11.68	3.27	119.58	15.64	11.7	0.24	81.32	15.65	30.85	8.63	315.85	31.01	0.62	215.44	
28/09/2024 14:50	11.47	2.88	117.99	15.63	12.67	0.83	81.01	15.66	30.25	7.59	311.22	33.63	2.19	215.07	
28/09/2024 14:55	11.44	3.2	119	15.63	12.92	0.94	80.61	15.67	30.2	8.46	314.12	34.31	2.49	214.06	
28/09/2024 15:00	11.76	3.38	119.42	15.64	11.56	0.25	80.63	15.66	31.04	8.92	315.32	30.67	0.66	213.89	
28/09/2024 15:05	11.54	2.82	117.29	15.63	12.43	0.33	79.42	15.67	30.47	7.44	309.59	33.04	0.89	211.12	
28/09/2024 15:10	11.57	3.11	119.13	15.64	12.5	0.36	79.55	15.67	30.57	8.21	314.78	33.22	0.96	211.43	
28/09/2024 15:15	11.68	3.4	119.79	15.64	11.52	0.23	81.57	15.66	30.87	8.99	316.5	30.57	0.62	216.48	
28/09/2024 15:20	11.45	2.87	117.7	15.63	12.44	0.23	78.87	15.66	30.22	7.56	310.69	33.01	0.62	209.36	
28/09/2024 15:25	11.54	3.11	118.71	15.63	12.5	0.25	78.59	15.66	30.46	8.21	313.36	33.18	0.66	208.65	
28/09/2024 15:30	11.81	3.3	120.04	15.64	11.73	0.24	81.16	15.66	31.19	8.72	316.97	31.16	0.64	215.46	
28/09/2024 15:35	11.44	2.7	117.75	15.64	12.1	0.14	79.71	15.68	30.23	7.13	310.93	32.19	0.38	212.1	
28/09/2024 15:40	11.6	3.01	118.14	15.64	11.97	0.11	79.73	15.68	30.64	7.95	311.96	31.86	0.29	212.24	
28/09/2024 15:45	11.84	3.22	117.66	15.64	11.77	0.11	79.37	15.66	31.27	8.49	310.68	31.24	0.28	210.64	
28/09/2024 15:50	11.56	2.61	114.99	15.63	12.7	0.12	77.15	15.67	30.5	6.9	303.39	33.75	0.33	205.04	
28/09/2024 15:55	11.84	2.82	115.74	15.64	12.8	0.11	77.06	15.67	31.28	7.46	305.77	34	0.29	204.76	
28/09/2024 16:00	11.97	3.03	116.64	15.64	11.92	0.08	77.06	15.66	31.62	7.99	307.99	31.61	0.2	204.27	
28/09/2024 16:05	11.66	2.57	115.59	15.63	11.98	0	76.02	15.66	30.74	6.77	304.64	31.76	0	201.47	
28/09/2024 16:10	11.69	2.95	116.48	15.62	11.83	0	76.22	15.65	30.75	7.77	306.51	31.34	0	201.92	
28/09/2024 16:15	11.75	2.99	116.58	15.62	11.85	0.23	76.83	15.64	30.93	7.87	306.82	31.3	0.61	202.93	
28/09/2024 16:20	11.59	2.69	114.51	15.61	12.78	0.36	75.37	15.64	30.48	7.07	300.94	33.79	0.94	199.31	
28/09/2024 16:25	11.7	3.29	116.18	15.66	12.75	0.36	75.08	15.64	31.06	8.74	308.43	33.7	0.95	198.42	
28/09/2024 16:30	12.02	3.39	115.62	15.67	12.35	0.61	77.54	15.69	31.96	9.02	307.4	32.93	1.63	206.73	
28/09/2024 16:35	11.71	3.07	114.68	15.66	12.66	0.61	76.95	15.7	31.08	8.14	304.41	33.86	1.64	205.85	
28/09/2024 16:40	11.68	3.25	117.56	15.68	13.05	0.98	77.19	15.71	31.1	8.67	313.14	34.92	2.64	206.58	
28/09/2024 16:45	11.72	3.21	115.77</												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
28/09/2024 18:30	11.24	4.68	118.31	15.73	11.53	1.67	79.69	15.76	30.22	12.59	318.27	31.22	4.52	215.67	
28/09/2024 18:35	11	4.36	117.12	15.73	12.24	2.19	78.53	15.78	29.6	11.73	315.13	33.21	5.95	213.11	
28/09/2024 18:40	10.99	4.96	119.97	15.77	12.11	2.17	78.38	15.78	29.75	13.43	324.86	32.87	5.9	212.76	
28/09/2024 18:45	11.18	5.04	118.79	15.82	11.5	2.16	80.03	15.85	30.59	13.77	324.86	31.67	5.95	220.42	
28/09/2024 18:50	10.89	4.71	116.5	15.8	11.43	2.15	78.53	15.84	29.69	12.85	317.68	31.4	5.9	215.6	
28/09/2024 18:55	11.01	5.14	119.32	15.79	11.05	2.11	78.72	15.82	29.94	13.98	324.64	30.25	5.78	215.54	
28/09/2024 19:00	11.31	5.46	120.56	15.8	11.52	2.15	79.87	15.83	30.85	14.9	328.8	31.63	5.9	219.16	
28/09/2024 19:05	11.04	4.89	118.59	15.8	12.48	2.62	78.24	15.85	30.12	13.33	323.49	34.35	7.21	215.3	
28/09/2024 19:10	11.16	4.78	119.79	15.81	12.83	2.91	78.39	15.85	30.5	13.07	327.28	35.33	8.01	215.9	
28/09/2024 19:15	11.15	4.86	120.34	15.81	11.02	1.31	80.88	15.83	30.43	13.26	328.39	30.23	3.6	221.72	
28/09/2024 19:20	10.92	4.24	118.82	15.81	11.93	1.65	79.68	15.91	29.82	11.57	324.38	33.24	4.59	221.93	
28/09/2024 19:25	11.11	4.2	119.51	15.8	11.52	1.2	79.88	15.9	30.29	11.45	325.8	31.99	3.34	221.91	
28/09/2024 19:30	11.31	4.37	119.7	15.78	11.72	1.06	78.82	15.81	30.69	11.87	324.76	31.99	2.89	215.14	
28/09/2024 19:35	11.15	3.74	117.38	15.77	12.86	1.48	77.21	15.8	30.19	10.13	317.88	35.06	4.04	210.42	
28/09/2024 19:40	11.25	3.82	119.18	15.75	12.8	1.13	76.61	15.8	30.38	10.33	321.79	34.87	3.07	208.73	
28/09/2024 19:45	11.25	4.05	120.57	15.75	11.71	0.75	79.53	15.78	30.36	10.93	325.5	31.77	2.04	215.77	
28/09/2024 19:50	11.13	3.63	118.98	15.73	12.29	1.16	79.92	15.75	29.93	9.78	320.08	33.16	3.14	215.59	
28/09/2024 19:55	11.38	3.81	120.23	15.74	12.58	1.39	80.73	15.73	30.63	10.24	323.71	33.85	3.74	217.25	
28/09/2024 20:00	11.77	3.96	120.24	15.71	11.65	0.68	80.31	15.73	31.52	10.6	321.91	31.33	1.83	215.89	
28/09/2024 20:05	11.47	3.42	117.82	15.7	12.11	0.85	78.44	15.73	30.65	9.13	314.68	32.56	2.27	210.8	
28/09/2024 20:10	11.5	3.61	119.24	15.68	12.16	0.83	78.53	15.73	30.61	9.62	317.36	32.68	2.23	211.13	
28/09/2024 20:15	11.51	3.73	118.78	15.67	12.07	0.56	80.13	15.69	30.61	9.92	315.98	32.22	1.5	213.86	
28/09/2024 20:20	11.39	3.35	117.82	15.67	12.66	1.07	78.37	15.69	30.26	8.9	312.85	33.74	2.86	208.96	
28/09/2024 20:25	11.46	3.56	119.77	15.64	12.7	1.28	78.28	15.69	30.32	9.41	316.79	33.91	3.42	208.94	
28/09/2024 20:30	11.68	3.64	119.88	15.63	11.87	0.62	80.88	15.64	30.81	9.62	316.36	31.4	1.63	213.92	
28/09/2024 20:35	11.49	3.38	117.37	15.62	12.76	1.25	78.88	15.64	30.23	8.89	308.71	33.74	3.31	208.55	
28/09/2024 20:40	11.31	3.77	119.34	15.6	12.86	1.28	79.02	15.64	29.66	9.88	313.02	33.97	3.39	208.71	
28/09/2024 20:45	11.68	4.06	119.37	15.6	11.78	0.85	79.98	15.63	30.64	10.64	313.05	31.06	2.23	210.89	
28/09/2024 20:50	11.38	3.66	117.53	15.6	12.19	1.15	78.27	15.64	29.83	9.58	307.94	32.19	3.03	206.65	
28/09/2024 20:55	11.34	4.09	119.26	15.61	12.36	1.19	77.97	15.64	29.78	10.74	313.11	32.64	3.14	205.88	
28/09/2024 21:00	11.54	4.43	120.31	15.61	11.67	1.27	80.53	15.64	30.32	11.65	316.2	30.85	3.35	212.88	
28/09/2024 21:05	11.24	3.99	117.77	15.61	11.92	1.51	79.77	15.66	29.55	10.49	309.7	31.6	4	211.41	
28/09/2024 21:10	11.23	4.4	118.9	15.63	11.97	1.67	80.44	15.66	29.62	11.6	313.64	31.73	4.43	213.22	
28/09/2024 21:15	11.17	4.49	119.25	15.64	11.24	1.37	79.99	15.67	29.51	11.86	315.08	29.88	3.63	212.57	
28/09/2024 21:20	10.93	4.11	117.43	15.64	12.19	1.83	78.13	15.69	28.89	10.86	310.47	32.49	4.88	208.33	
28/09/2024 21:25	11.21	4.7	119.5	15.66	11.86	1.5	78.14	15.69	29.74	12.48	316.98	31.62	4	208.31	
28/09/2024 21:30	11.51	4.88	118.77	15.67	11.13	1.64	80.4	15.7	30.58	12.96	315.68	29.74	4.39	214.78	
28/09/2024 21:35	11.1	4.52	117.06	15.67	11.81	2.14	78.77	15.72	29.52	12.01	311.27	31.66	5.74	211.21	
28/09/2024 21:40	11.03	4.97	119.58	15.69	11.61	1.94	78.2	15.71	29.47	13.26	319.29	31.12	5.2	209.61	
28/09/2024 21:45	11.08	5.21	120.55	15.7	11.16	1.93	80.09	15.73	29.61	13.92	322.14	29.98	5.18	215.21	
28/09/2024 21:50	10.87	4.79	117.67	15.7	12.14	2.78	78.68	15.75	29.08	12.8	314.71	32.73	7.49	212.21	
28/09/2024 21:55	10.94	5.11	118.69	15.72	12.42	3.14	78.47	15.75	29.37	13.71	318.57	33.53	8.48	211.79	
28/09/2024 22:00	11.5	5.34	119.26	15.73	11.41	2.18	78.11	15.76	30.91	14.37	320.61	30.82	5.88	211.04	
28/09/2024 22:05	11.13	4.92	116.84	15.73	12.06	2.73	77.4	15.78	29.95	13.24	314.36	32.74	7.4	210.04	
28/09/2024 22:10	10.92	5.12	118.48	15.76	12.31	2.95	77.75	15.78	29.53	13.83	320.31	33.44	8.03	211.2	
28/09/2024 22:15	11.18	5.27	119.08	15.77	11.04	1.87	79.35	15.8	30.31	14.27	322.68	30.08	5.1	216.17	
28/09/2024 22:20	11.05	4.69	117.26	15.77	12.22	2.18	77.6	15.82	29.95	12.7	317.73	33.41	5.97	212.13	
28/09/2024 22:25	11.09	4.58	118.87	15.81	12.67	2.39	77.36	15.82	30.25	12.5	324.37	34.68	6.54	211.69	
28/09/2024 22:30	11.06	4.46	117.97	15.79	11.3	1.24	78.68	15.85	30.09	12.13	320.86	31.1	3.39	216.5	
28/09/2024 22:35	10.94	4	116.7	15.79	12.23	1.59	76.76	15.81	29.76	10.88	317.57	33.36	4.33	209.45	
28/09/2024 22:40	11.16	4.15	118.57	15.84	12.06	1.47	76.75	15.8	30.63	11.39	325.51	32.88	4.01	209.18	
28/09/2024 22:45	11.31	4.33	120.96	15.81	11.58	1.14	79.89	15.78	30.9	11.84	330.49	31.43	3.1	216.88	
28/09/2024 22:50	11.04	3.79	118.53	15.77	11.96	1.16	78.59	15.77	29.94	10.29	321.41	32.41	3.15	212.99	
28/09/2024 22:55	11.16	3.91	118.98	15.71	11.61	0.83	78.06	15.76	29.87	10.46	318.57	31.42	2.24	211.27	
28/09/2024 23:00	11.49	4.08	118.68	15.7	11.63	0.93	78.72	15.73	30.68	10.9	316.94	31.28	2.5	211.61	
28/09/2024 23:05	11.25	3.75	116.1	15.69	12.16	1.22	77.65	15.73	30.02	10	309.66	32.69	3.29	208.7	
28/09/2024 23:10	11.12	4.16	118.88	15.68	11.86	0.95	77.56	15.73	29.61	11.07	316.57	31.86	2.56	208.4	
28/09/2024 23:15	11.36	4.43	120.49	15.68	11.51	1.25	79.92	15.7	30.23	11.78	320.63	30.81	3.35	213.81	
28/09/2024 23:20	11.06	4.08	118.19	15.67	12.28	1.91	78.32	15.72	29.42	10.85	314.21	32.93	5.13	210.08	
28/09/2024 23:25	11.07	4.41	118.76	15.68	12.7	2.34	78.61	15.72	29.5	11.74	316.37	34.11	6.3	211.08	
28/09/2024 23:30	11.63	4.58	117.9	15.77	11.25	1.43	80.05	15.76	31.48	12.4	319.19	30.42	3.85	216.51	
28/09/2024 23:35	11.24	4.32	117.02	15.73	12.51	2.32	77.78	15.74	30.21	11.63	314.5	33.66	6.25	209.35	
28/09/2024 23:40	11.08	4.78	119.44	15.69	13.03	2.56	77.67	15.74	29.57	12.75	318.7	35.1	6.91	209.19	
28/09/2024 23:45	11.49	4.91	118.77	15.69	11.49	1.84	78.71	15.78	30.68	13.1	317.01	31.19	5	213.61	
28/09/2024 23:50	11.06	4.6	118.18	15.71	11.99	2.37	78.22	15.77	29.6	12.31	316.37	32.51	6.42	212.01	
28/09/2024 23:55	10.91	5.03	119.52	15.73	11.86	2.52	78.27	15.78	29.35	13.52	321.38	32.17	6.83	212.34	
29/09/2024 00:00	10.81	5.19	120.3	15.74	11.25	2.14	79.66	15.76	29.11	13.98	323.82	30.42	5.79	215.48	
29/09/2024 00:05	10.59	4.86	117.44	15.74	11.9	2.51	78.35	15.77	28.49	13.07	316.06	32.25	6.81	212.39	
29/09/2024 00:10	10.75	5.18	118.62	15.76	11.67	2.36	78.67	15.77	29.06	14.02	320.67	31.65	6.4	213.31	
29/09/2024 00:15	10.79	5.47	119.95	15.78	10.78	2.1	79.65	15.79	29.25	14.84	325.32	29.36	5.71	216.77	
29/09/2024 00:20	10.58	5.07	117.33	15.8	11.39	2.76	78.74	15.79	28.81	13.8	319.53	31.02	7.51	214.39	
29/09/2024 00:25	10.68	5.47	119.71	15.8	11.34	2.88	78.78	15.78	29.12	14.9	326.21	30.82	7.82	214.06	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
29/09/2024 02:15	11.11	5.17	118.68	15.73	11.12	2.07	79.07	15.76	29.85	13.9	318.97	30.07	5.59	213.73	
29/09/2024 02:20	10.82	4.85	117.49	15.73	11.82	2.53	78.9	15.77	29.11	13.05	315.88	32.05	6.86	213.94	
29/09/2024 02:25	10.78	5.31	120.06	15.75	12.02	2.52	78.48	15.77	29.06	14.32	323.81	32.57	6.82	212.74	
29/09/2024 02:30	10.91	5.43	119.12	15.75	11.21	2.35	80.53	15.78	29.47	14.66	321.7	30.42	6.39	218.56	
29/09/2024 02:35	10.63	5.08	117.5	15.75	11.52	2.7	78.52	15.79	28.71	13.73	317.26	31.34	7.35	213.62	
29/09/2024 02:40	10.67	5.48	119.52	15.75	11.53	2.8	78.7	15.79	28.83	14.79	322.9	31.38	7.62	214.18	
29/09/2024 02:45	11.33	5.8	119.97	15.75	10.55	2.29	80.13	15.79	30.55	15.64	323.6	28.72	6.24	218.09	
29/09/2024 02:50	10.88	5.45	119.47	15.76	11.74	3.15	78.33	15.82	29.4	14.73	322.81	32.11	8.63	214.16	
29/09/2024 02:55	10.61	5.79	120.86	15.79	12.11	3.47	78.78	15.82	28.85	15.74	328.5	33.14	9.5	215.58	
29/09/2024 03:00	10.94	5.88	121.29	15.8	10.75	2.69	80.96	15.83	29.84	16.04	330.68	29.5	7.38	222.07	
29/09/2024 03:05	10.6	5.31	119.11	15.81	11.43	2.82	79.04	15.86	28.93	14.5	325.06	31.51	7.78	217.91	
29/09/2024 03:10	10.62	5.31	120.49	15.83	11.3	2.74	78.92	15.86	29.12	14.55	330.23	31.16	7.55	217.7	
29/09/2024 03:15	10.78	5.3	120.69	15.83	11.04	2.15	81.28	15.84	29.57	14.54	330.97	30.33	5.91	223.35	
29/09/2024 03:20	10.57	4.77	119.24	15.81	11.73	2.18	79.71	15.83	28.85	13.02	325.5	32.16	5.97	218.5	
29/09/2024 03:25	10.63	4.86	121.29	15.78	11.95	2.28	79.88	15.83	28.83	13.17	329.05	32.75	6.25	218.84	
29/09/2024 03:30	10.9	4.88	120.78	15.77	11.15	1.63	81.36	15.79	29.55	13.24	327.47	30.36	4.43	221.42	
29/09/2024 03:35	10.8	4.42	119.69	15.76	11.61	1.81	79.72	15.79	29.21	11.95	323.53	31.56	4.91	216.69	
29/09/2024 03:40	11.01	4.45	120.83	15.73	11.86	2.08	79.95	15.79	29.62	11.98	324.96	32.24	5.65	217.38	
29/09/2024 03:45	11.45	4.68	121.65	15.72	11.17	1.26	81.25	15.74	30.75	12.56	326.65	30.11	3.39	218.98	
29/09/2024 03:50	10.95	4.17	119.74	15.71	11.61	1.53	80.31	15.73	29.32	11.16	320.63	31.26	4.11	216.11	
29/09/2024 03:55	11.11	4.27	120.65	15.69	11.27	1.45	80.77	15.73	29.63	11.38	321.66	30.3	3.91	217.2	
29/09/2024 04:00	11.61	4.27	120.22	15.69	11.46	1.08	81.67	15.7	30.95	11.39	320.49	30.65	2.9	218.48	
29/09/2024 04:05	11.24	3.93	118.22	15.67	12.35	1.97	80.52	15.7	29.87	10.44	314.08	33.03	5.26	215.31	
29/09/2024 04:10	11.07	4.28	120.85	15.64	12.55	2.2	80.77	15.7	29.26	11.31	319.34	33.56	5.9	216.02	
29/09/2024 04:15	11.46	4.37	119.61	15.63	11.52	1.54	81.24	15.69	30.23	11.51	315.46	30.72	4.1	216.57	
29/09/2024 04:20	10.95	4.11	118.82	15.64	11.41	1.57	81.04	15.75	28.96	10.86	314.2	30.8	4.25	218.8	
29/09/2024 04:25	10.91	4.65	121.26	15.65	11.47	1.7	81.42	15.72	28.87	12.3	320.95	30.8	4.58	218.63	
29/09/2024 04:30	10.97	4.83	120.68	15.66	11.36	1.85	82.72	15.68	29.11	12.82	320.19	30.27	4.94	220.4	
29/09/2024 04:35	10.72	4.4	118.75	15.66	11.85	1.93	80.42	15.68	28.43	11.66	314.73	31.58	5.15	214.27	
29/09/2024 04:40	10.76	4.95	121.69	15.66	11.63	1.75	80.7	15.68	28.55	13.14	322.78	30.96	4.66	214.95	
29/09/2024 04:45	11.03	5.17	120.93	15.68	11.27	1.99	81.58	15.7	29.36	13.77	321.98	30.16	5.32	218.22	
29/09/2024 04:50	10.76	4.74	118.89	15.68	11.58	2.29	80.22	15.72	28.66	12.64	316.83	31.1	6.16	215.46	
29/09/2024 04:55	10.85	5.11	120.52	15.7	11.52	2.38	80.69	15.73	29.01	13.67	322.18	30.96	6.39	216.92	
29/09/2024 05:00	10.69	5.37	120.55	15.71	11.04	2.24	81.44	15.74	28.62	14.38	322.64	29.72	6.04	219.28	
29/09/2024 05:05	10.47	5.02	119.34	15.71	11.71	2.94	81.43	15.75	28.05	13.45	319.6	31.64	7.95	219.98	
29/09/2024 05:10	10.7	5.38	120.55	15.73	12.05	3.28	81.88	15.76	28.73	14.44	323.81	32.55	8.87	221.25	
29/09/2024 05:15	11.11	5.61	120.75	15.73	10.93	2.56	81.74	15.77	29.88	15.09	324.81	29.62	6.93	221.54	
29/09/2024 05:20	10.68	5.25	119.06	15.74	11.28	2.82	81.19	15.78	28.74	14.14	320.46	30.61	7.66	220.3	
29/09/2024 05:25	10.48	5.66	120.85	15.77	10.8	2.74	81.97	15.78	28.4	15.35	327.53	29.31	7.43	222.52	
29/09/2024 05:30	10.64	5.68	120.53	15.82	10.57	2.68	82.84	15.84	29.13	15.55	329.83	29.03	7.35	227.46	
29/09/2024 05:35	10.28	5.35	119.04	15.8	11.65	3.34	81.09	15.85	28.04	14.59	324.67	32.08	9.2	223.25	
29/09/2024 05:40	10.4	5.84	121.25	15.79	11.78	3.41	81.64	15.84	28.27	15.87	329.65	32.35	9.36	224.16	
29/09/2024 05:45	10.59	5.85	121.2	15.8	10.42	2.64	82.49	15.83	28.87	15.96	330.43	28.56	7.24	226.1	
29/09/2024 05:50	10.34	5.38	120.48	15.81	11.21	2.78	81.48	15.85	28.2	14.67	328.72	30.85	7.66	224.19	
29/09/2024 05:55	10.56	5.35	121.7	15.82	11.42	2.75	81.38	15.85	28.89	14.64	332.85	31.43	7.57	223.91	
29/09/2024 06:00	10.98	5.37	121.48	15.82	10.92	2.03	82.82	15.84	30.08	14.72	332.71	30.01	5.57	227.48	
29/09/2024 06:05	10.78	4.81	118.76	15.8	11.85	2.57	81.65	15.83	29.4	13.11	323.65	32.46	7.05	223.75	
29/09/2024 06:10	10.84	4.69	119.81	15.78	12.11	2.78	81.69	15.83	29.45	12.73	325.35	33.19	7.63	223.87	
29/09/2024 06:15	10.81	4.86	119.22	15.78	10.96	1.63	82.49	15.8	29.36	13.2	323.73	29.88	4.46	224.82	
29/09/2024 06:20	10.68	4.38	118.12	15.77	11.44	1.76	80.62	15.79	28.92	11.87	319.78	31.12	4.8	219.38	
29/09/2024 06:25	10.78	4.46	120.72	15.74	11.47	1.92	80.77	15.79	29.04	12	325.18	31.21	5.23	219.79	
29/09/2024 06:30	11.13	4.37	119.93	15.71	10.79	1.29	82.9	15.74	29.78	11.7	321.07	29.07	3.47	223.32	
29/09/2024 06:35	10.82	4.14	118.45	15.69	11.37	1.63	80.36	15.72	28.89	11.06	316.21	30.52	4.39	215.67	
29/09/2024 06:40	10.72	4.56	120.88	15.67	11.28	1.59	80.33	15.72	28.52	12.13	321.58	30.27	4.28	215.57	
29/09/2024 06:45	10.94	4.71	121.2	15.68	10.96	1.52	82.56	15.7	29.11	12.54	322.44	29.32	4.07	220.85	
29/09/2024 06:50	10.66	4.32	119.13	15.67	11.55	1.88	80.65	15.71	28.35	11.48	316.66	30.92	5.03	216.01	
29/09/2024 06:55	10.72	4.77	120.53	15.68	11.41	1.67	80.36	15.71	28.55	12.7	321.07	30.54	4.48	215.13	
29/09/2024 07:00	10.97	5.02	120.48	15.68	10.84	1.75	81.69	15.73	29.23	13.37	321.1	29.12	4.69	219.48	
29/09/2024 07:05	10.69	4.74	119.8	15.68	11.86	2.57	80.83	15.75	28.51	12.62	319.28	32	6.92	218.01	
29/09/2024 07:10	10.66	5.06	120.21	15.7	12.17	2.85	80.83	15.75	28.49	13.52	321.1	32.84	7.68	218.09	
29/09/2024 07:15	10.66	5.16	119.32	15.71	10.6	2.08	81.92	15.75	28.52	13.81	319.34	28.6	5.62	220.97	
29/09/2024 07:20	10.55	4.75	116.58	15.7	11.51	2.47	78.48	15.75	28.21	12.69	311.64	31.1	6.66	212.01	
29/09/2024 07:25	10.69	5.11	117.82	15.7	11.59	2.42	78.05	15.75	28.6	13.67	315.22	31.32	6.55	210.84	
29/09/2024 07:30	10.56	5.38	118.33	15.71	10.83	2.41	80.6	15.82	28.28	14.4	316.88	29.62	6.6	220.42	
29/09/2024 07:35	10.22	5.07	117.65	15.72	10.9	2.6	79.41	15.81	27.44	13.62	315.93	29.78	7.1	216.91	
29/09/2024 07:40	10.45	5.53	119.87	15.75	10.59	2.6	79.06	15.81	28.22	14.95	323.67	28.93	7.09	215.88	
29/09/2024 07:45	10.65	5.84	120.44	15.75	10.61	2.77	81.7	15.82	28.73	15.76	324.86	29.03	7.57	223.49	
29/09/2024 07:50	10.32	5.38	118.4	15.76	11.19	2.87	79.11	15.84	27.88	14.55	319.98	30.73	7.89	217.3	
29/09/2024 07:55	10.3	5.79	120.71	15.78	11.06	2.67	79.02	15.84	27.96	15.73	327.75	30.39	7.34	217.09	
29/09/2024 08:00	10.32	5.96	121.15	15.78	10.07	2.82	82.21	15.84	28	16.16	328.77	27.65	7.74	225.61	
29/09/2024 08:05	10.02	5.58	119.4	15.79	10.86	3.11	80.01	15.87	27.25	15.16	324.53	30.01	8.6	221.04	
29/09/2024 08:10	10.22	5.88	120.37	15.82	10.28	2.74	79.88	15.87	27.95	16.09	329.16				



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
29/09/2024 10:00	11.43	4.32	121.2	15.6	11.68	1.12	81.26	15.66	29.98	11.32	317.97	30.95	2.98	215.37	
29/09/2024 10:05	11.13	3.92	119.96	15.59	12	1.39	80.4	15.66	29.16	10.28	314.27	31.82	3.68	213.11	
29/09/2024 10:10	11.12	4.09	120.62	15.59	11.86	1.39	80.64	15.65	29.13	10.71	316.01	31.4	3.68	213.51	
29/09/2024 10:15	11.24	4.07	119.88	15.6	11.65	1.09	81.04	15.65	29.46	10.66	314.23	30.83	2.88	214.48	
29/09/2024 10:20	11.06	3.74	118.54	15.59	12.05	1.31	79.9	15.66	28.99	9.79	310.47	31.95	3.48	211.9	
29/09/2024 10:25	11.2	4.02	119.96	15.58	11.83	1.3	80.06	15.66	29.26	10.5	313.5	31.37	3.44	212.35	
29/09/2024 10:30	11.6	4.13	120.2	15.58	11.75	1.07	81.06	15.63	30.31	10.79	314.22	30.96	2.81	213.61	
29/09/2024 10:35	11.43	3.78	118.79	15.58	12.17	1.22	79.3	15.63	29.83	9.86	310.09	32.08	3.23	208.98	
29/09/2024 10:40	11.34	3.98	120.16	15.57	12.03	1.22	79.06	15.63	29.57	10.39	313.43	31.7	3.21	208.34	
29/09/2024 10:45	11.43	4.27	121.54	15.55	11.43	0.85	81.33	15.61	29.72	11.1	315.97	30.05	2.24	213.79	
29/09/2024 10:50	11.21	3.74	118.74	15.55	12.02	1.1	79.69	15.62	29.15	9.72	308.61	31.63	2.9	209.68	
29/09/2024 10:55	11.22	3.9	119.71	15.55	11.89	1	80.41	15.61	29.16	10.14	311.05	31.25	2.63	211.31	
29/09/2024 11:00	11.29	3.95	119.44	15.56	11.72	0.92	81.27	15.6	29.38	10.27	310.78	30.74	2.41	213.21	
29/09/2024 11:05	11.17	3.58	117.76	15.55	12.12	1.05	79.12	15.61	29.04	9.32	306.07	31.83	2.76	207.8	
29/09/2024 11:10	11.17	3.87	119.88	15.55	11.97	1.08	79.38	15.61	29	10.06	311.36	31.44	2.83	208.48	
29/09/2024 11:15	11.22	4.04	120.02	15.55	11.63	0.84	81.59	15.6	29.14	10.5	311.73	30.5	2.19	213.9	
29/09/2024 11:20	11.04	3.67	118.35	15.54	11.96	0.97	79.08	15.6	28.66	9.52	307.06	31.38	2.54	207.43	
29/09/2024 11:25	11.26	3.86	118.89	15.52	11.94	1.05	78.86	15.6	29.07	9.97	306.9	31.29	2.75	206.7	
29/09/2024 11:30	11.18	4.05	119.2	15.52	11.31	0.94	81.11	15.56	28.9	10.47	307.99	29.46	2.44	211.19	
29/09/2024 11:35	10.92	3.74	117.5	15.51	11.75	1.24	80.4	15.57	28.17	9.66	303.14	30.64	3.24	209.69	
29/09/2024 11:40	11.22	4.19	117.87	15.52	11.41	1.03	81.03	15.57	28.98	10.82	304.45	29.74	2.69	211.27	
29/09/2024 11:45	11.49	4.3	117.32	15.53	11.32	1.11	80.36	15.67	29.73	11.12	303.56	30.12	2.94	213.6	
29/09/2024 11:50	11.1	3.85	115.95	15.55	11.49	1.22	80.15	15.66	28.84	10	301.13	30.46	3.25	212.42	
29/09/2024 11:55	11.06	4.07	118.87	15.58	11.25	1	79.88	15.63	28.9	10.63	310.62	29.64	2.64	210.48	
29/09/2024 12:00	11.45	4.17	119.46	15.6	11.19	0.81	80.64	15.64	30.02	10.93	313.29	29.56	2.15	212.94	
29/09/2024 12:05	11.16	3.68	117.02	15.6	11.7	1.14	79.86	15.66	29.25	9.66	306.78	31.03	3.04	211.79	
29/09/2024 12:10	11.05	3.9	118.67	15.58	11.67	1.22	79.94	15.66	28.88	10.18	310.16	30.97	3.24	212.09	
29/09/2024 12:15	11.43	4.07	119.07	15.59	11.17	0.94	80.99	15.62	29.91	10.63	311.45	29.39	2.48	213.07	
29/09/2024 12:20	11.02	3.75	117.47	15.58	11.73	1.43	80.31	15.62	28.77	9.79	306.67	30.89	3.76	211.51	
29/09/2024 12:25	10.89	4.23	118.83	15.57	11.86	1.22	80.36	15.62	28.42	11.03	310.16	31.22	3.21	211.56	
29/09/2024 12:30	11.2	4.34	117.36	15.6	11.01	1.17	81.14	15.64	29.4	11.39	307.99	29.1	3.09	214.38	
29/09/2024 12:35	10.82	3.93	117.55	15.61	11.38	1.22	79.41	15.66	28.42	10.32	308.85	30.17	3.25	210.49	
29/09/2024 12:40	10.96	4.16	118.99	15.63	11.11	1.02	79.17	15.66	28.91	10.98	313.79	29.45	2.69	209.87	
29/09/2024 12:45	11.04	4.24	119.15	15.64	10.77	0.8	82.4	15.66	29.17	11.2	314.8	28.58	2.12	218.67	
29/09/2024 12:50	10.9	3.62	116.31	15.64	11.64	1.11	79.44	15.68	28.83	9.58	307.5	31.01	2.96	211.56	
29/09/2024 12:55	11.07	3.71	116.93	15.65	11.75	1.16	79.25	15.68	29.31	9.82	309.62	31.31	3.08	211.14	
29/09/2024 13:00	11.57	3.86	116.4	15.65	11.16	0.77	79.86	15.68	30.62	10.21	308.01	29.71	2.04	212.57	
29/09/2024 13:05	11.14	3.43	115.08	15.64	11.36	0.86	78.46	15.69	29.44	9.05	303.95	30.28	2.3	209.19	
29/09/2024 13:10	10.99	3.68	115.87	15.64	11.08	0.5	77.7	15.68	29.01	9.71	305.98	29.52	1.33	207.08	
29/09/2024 13:15	11.21	3.88	115.49	15.65	11.48	0.78	78.87	15.68	29.66	10.26	305.66	30.56	2.09	209.88	
29/09/2024 13:20	10.89	3.36	114.41	15.65	11.86	1	78.07	15.69	28.85	8.91	303.02	31.67	2.68	208.44	
29/09/2024 13:25	11.03	3.68	117.7	15.66	11.61	0.72	78.06	15.69	29.29	9.77	312.41	30.99	1.92	208.35	
29/09/2024 13:30	11.22	3.84	117.87	15.66	11.03	0.51	79.91	15.76	29.74	10.19	312.55	29.84	1.36	216.16	
29/09/2024 13:35	11.01	3.33	115.41	15.67	12.06	1.07	77.86	15.74	29.27	8.85	306.77	32.46	2.88	209.66	
29/09/2024 13:40	11.01	3.65	117.38	15.68	12.31	1.02	77.7	15.73	29.33	9.73	312.73	33.13	2.73	209.09	
29/09/2024 13:45	11.39	3.92	116.85	15.68	11.27	0.83	81.34	15.72	30.36	10.45	311.42	30.22	2.22	218.08	
29/09/2024 13:50	10.94	3.52	116.77	15.68	11.44	0.98	80.28	15.71	29.11	9.38	310.71	30.61	2.64	214.86	
29/09/2024 13:55	11.02	3.76	119.58	15.68	11.03	0.78	80.05	15.7	29.35	10.02	318.56	29.49	2.09	213.97	
29/09/2024 14:00	11.19	3.86	118.12	15.69	10.69	0.45	81.31	15.71	29.86	10.3	315.19	28.65	1.21	217.78	
29/09/2024 14:05	10.83	3.38	116.42	15.67	11.35	0.82	79.25	15.7	28.78	8.99	309.39	30.34	2.18	211.91	
29/09/2024 14:10	10.87	3.86	118.43	15.66	11.42	0.75	78.78	15.7	28.84	10.23	314.2	30.5	2	210.4	
29/09/2024 14:15	10.94	4.26	119.31	15.67	10.5	0.78	81.25	15.7	29.07	11.33	316.93	28.08	2.1	217.34	
29/09/2024 14:20	10.66	3.74	116.51	15.68	11.41	1.33	80.79	15.73	28.38	9.95	310.2	30.69	3.57	217.2	
29/09/2024 14:25	10.93	4.19	119.59	15.71	11.5	1.38	81.13	15.73	29.25	11.23	320.09	30.93	3.7	218.16	
29/09/2024 14:30	11.28	4.3	118.89	15.7	10.52	0.81	82.36	15.75	30.14	11.49	317.71	28.35	2.17	222.03	
29/09/2024 14:35	10.76	3.64	117.06	15.71	11.01	1.17	81.54	15.77	28.83	9.75	313.46	29.85	3.17	221.04	
29/09/2024 14:40	10.87	3.9	119.2	15.73	10.89	1.17	81.8	15.77	29.2	10.48	320.3	29.53	3.18	221.78	
29/09/2024 14:45	10.98	4.06	119.16	15.73	10.54	0.58	82.24	15.76	29.55	10.93	320.63	28.51	1.56	222.32	
29/09/2024 14:50	10.71	3.58	117.79	15.73	11.38	1.3	82.26	15.78	28.83	9.63	316.85	30.91	3.53	223.33	
29/09/2024 14:55	10.87	3.68	119.47	15.75	11.67	1.56	82.5	15.78	29.31	9.93	322.2	31.71	4.25	224.17	
29/09/2024 15:00	11.07	3.87	119.66	15.75	10.71	0.55	81.59	15.77	29.89	10.45	322.99	29.04	1.49	221.17	
29/09/2024 15:05	10.73	3.42	119	15.74	11.28	0.93	81.63	15.78	28.9	9.21	320.33	30.61	2.51	221.47	
29/09/2024 15:10	10.73	3.89	120.77	15.75	11.25	0.97	81.92	15.78	28.97	10.51	325.93	30.51	2.63	222.19	
29/09/2024 15:15	10.62	4.13	120.51	15.8	10.44	0.79	82.55	15.77	28.96	11.25	328.65	28.31	2.15	223.78	
29/09/2024 15:20	10.42	3.69	118.3	15.76	11.32	1.26	81.46	15.75	28.18	9.99	319.79	30.53	3.39	219.74	
29/09/2024 15:25	10.78	4.24	119.34	15.71	11.44	1.2	81.27	15.75	28.89	11.37	319.89	30.87	3.25	219.34	
29/09/2024 15:30	10.8	4.58	119.99	15.73	10.45	1.12	82.01	15.75	29.02	12.3	322.3	28.22	3.04	221.39	
29/09/2024 15:35	10.54	4.15	118.14	15.73	11.17	1.66	80.94	15.77	28.33	11.14	317.37	30.28	4.5	219.5	
29/09/2024 15:40	10.57	4.61	119.36	15.74	11.2	1.59	80.84	15.77	28.49	12.42	321.75	30.38	4.32	219.2	
29/09/2024 15:45	10.97	4.93	119.39	15.76	10.27	1.59	82.47	15.79	29.67	13.32	322.82	27.93	4.32	224.32	
29/09/2024 15:50	10.37	4.52	118.28	15.76	10.57	1.8	81.26	15.79	28.04	12.22	319.67	28.78	4.89	221.21	
29/09/2024 15:55	10.41	5.12	120.48	15.79	10.06	1.55	81.97	15.79	28.31	13.92	327.81	27.36	4.21	222.86	
29/09/2024															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
29/09/2024 17:45	10.92	4.55	122.08	15.83	10.98	0.74	77.68	15.81	29.92	12.47	334.46	29.99	2.04	212.16	
29/09/2024 17:50	10.63	4.01	120.01	15.81	11.9	1.08	75.66	15.81	29.04	10.97	327.87	32.53	2.95	206.77	
29/09/2024 17:55	10.41	4.27	121.98	15.77	12.17	1.22	75.53	15.81	28.21	11.58	330.51	33.27	3.33	206.43	
29/09/2024 18:00	10.79	4.49	123.45	15.78	10.84	1.03	83.23	15.81	29.27	12.19	335.02	29.59	2.82	227.07	
29/09/2024 18:05	10.48	3.96	121.66	15.76	11.05	1.19	81.18	15.81	28.38	10.71	329.28	30.14	3.26	221.49	
29/09/2024 18:10	10.69	4.18	121.69	15.75	10.8	0.89	80.59	15.8	28.84	11.29	328.38	29.42	2.43	219.59	
29/09/2024 18:15	11.09	4.44	122.99	15.74	10.68	0.92	82.65	15.78	29.89	11.97	331.45	28.97	2.5	224.17	
29/09/2024 18:20	10.81	4.04	120.37	15.74	11.7	1.6	80.62	15.79	29.12	10.88	324.04	31.79	4.35	219.12	
29/09/2024 18:25	10.68	4.15	122.52	15.73	11.81	1.64	79.98	15.79	28.72	11.17	329.48	32.12	4.46	217.46	
29/09/2024 18:30	10.88	4.4	122.48	15.74	10.87	0.89	81.75	15.73	29.3	11.86	329.87	29.25	2.39	219.91	
29/09/2024 18:35	10.79	3.93	120.19	15.71	12.08	1.58	79.74	15.73	28.89	10.52	321.79	32.49	4.26	214.44	
29/09/2024 18:40	10.85	4.19	121.95	15.67	12.58	1.78	79.52	15.73	28.84	11.13	324.14	33.83	4.79	213.84	
29/09/2024 18:45	11.03	4.39	120.79	15.66	10.71	1.16	82.55	15.69	29.26	11.65	320.46	28.58	3.1	220.28	
29/09/2024 18:50	10.7	4.14	119.73	15.66	10.82	1.48	81.83	15.7	28.37	10.98	317.5	28.92	3.95	218.7	
29/09/2024 18:55	10.56	4.65	122.53	15.67	11.03	1.81	81.75	15.7	28.05	12.35	325.41	29.51	4.85	218.66	
29/09/2024 19:00	10.55	4.85	122.52	15.67	10.13	1.25	82.67	15.7	28.01	12.88	325.46	27.06	3.34	220.84	
29/09/2024 19:05	10.38	4.45	120.13	15.67	11.14	2.02	81.81	15.72	27.57	11.83	319.1	29.88	5.41	219.47	
29/09/2024 19:10	10.53	4.9	121.34	15.68	11.11	2.06	82.03	15.72	28.06	13.06	323.21	29.81	5.54	220.14	
29/09/2024 19:15	11.08	5.12	122.22	15.69	10.27	1.68	82.1	15.82	29.57	13.65	326.11	28.11	4.59	224.44	
29/09/2024 19:20	10.38	4.72	120.32	15.71	10.4	1.99	81.33	15.81	27.79	12.63	322.14	28.4	5.43	221.99	
29/09/2024 19:25	10.37	5.36	122.54	15.74	9.67	1.67	81.38	15.78	27.93	14.42	329.95	26.26	4.54	220.97	
29/09/2024 19:30	10.63	5.61	123.51	15.74	10.36	2.46	83.53	15.78	28.64	15.12	332.84	28.1	6.67	226.56	
29/09/2024 19:35	10.24	5.2	121.39	15.75	10.69	2.61	82.3	15.79	27.61	14.02	327.29	29.08	7.1	223.92	
29/09/2024 19:40	10.2	5.62	122.35	15.76	10.05	2.2	81.8	15.79	27.57	15.21	330.8	27.31	5.99	222.32	
29/09/2024 19:45	10.22	5.94	122.75	15.76	10.29	2.73	83.62	15.8	27.64	16.07	332.11	28.07	7.45	228.08	
29/09/2024 19:50	9.92	5.51	121.08	15.77	10.6	2.96	82.61	15.82	26.88	14.91	327.96	29.03	8.11	226.25	
29/09/2024 19:55	10.05	5.91	122.83	15.79	10.66	3.02	82.45	15.83	27.35	16.09	334.34	29.2	8.27	225.9	
29/09/2024 20:00	10.1	6.11	123.37	15.79	9.67	2.76	84.19	15.84	27.47	16.63	335.61	26.56	7.59	231.12	
29/09/2024 20:05	9.85	5.81	121.06	15.8	10.5	3.32	83.24	15.86	26.87	15.85	330.14	28.97	9.16	229.62	
29/09/2024 20:10	10.11	6.06	123.98	15.84	10.44	3.53	83.72	15.86	27.76	16.63	340.38	28.8	9.75	231.01	
29/09/2024 20:15	10.08	6.02	123.67	15.85	9.91	2.8	84.53	15.86	27.73	16.58	340.28	27.34	7.73	233.11	
29/09/2024 20:20	9.95	5.51	121.93	15.84	11	3.15	83.45	15.89	27.34	15.13	335.05	30.49	8.74	231.42	
29/09/2024 20:25	10.08	5.47	123.98	15.84	11.27	3.41	83.58	15.9	27.67	15.03	340.53	31.29	9.47	232.13	
29/09/2024 20:30	10.6	5.53	123.73	15.85	10.06	1.98	83.19	15.87	29.14	15.21	340.24	27.79	5.47	229.81	
29/09/2024 20:35	10.25	4.83	120.99	15.83	10.83	2.01	82.37	15.86	28.09	13.25	331.61	29.87	5.53	227.21	
29/09/2024 20:40	10.35	4.96	123.06	15.8	11.09	2.06	82.38	15.86	28.2	13.5	335.25	30.59	5.69	227.16	
29/09/2024 20:45	10.45	5.13	123.94	15.8	10.26	1.65	84.3	15.82	28.44	13.96	337.48	28.07	4.52	230.68	
29/09/2024 20:50	10.13	4.54	121.7	15.78	10.56	1.69	82.61	15.82	27.52	12.33	330.48	28.9	4.63	226.14	
29/09/2024 20:55	10.52	4.5	121.97	15.76	10.42	1.63	81.88	15.82	28.45	12.18	329.89	28.52	4.45	224.04	
29/09/2024 21:00	10.88	4.46	120.71	15.76	10.26	1.02	80.19	15.77	29.41	12.05	326.18	27.83	2.78	217.39	
29/09/2024 21:05	10.55	4.06	118.37	15.74	11.28	1.68	79.46	15.77	28.41	10.93	318.63	30.53	4.56	215.15	
29/09/2024 21:10	10.56	4.54	121.02	15.7	11.25	1.84	79.88	15.76	28.24	12.15	323.75	30.45	4.99	216.18	
29/09/2024 21:15	10.61	4.77	121.17	15.7	10.63	1.46	81.15	15.74	28.37	12.75	324.02	28.6	3.94	218.41	
29/09/2024 21:20	10.33	4.33	118.31	15.7	10.97	1.58	77.34	15.74	27.6	11.56	316.13	29.55	4.25	208.33	
29/09/2024 21:25	10.63	4.75	118.55	15.69	10.86	1.59	76.81	15.74	28.34	12.66	316.17	29.25	4.29	206.88	
29/09/2024 21:30	10.83	4.91	118.46	15.7	10.63	1.8	79.55	15.73	28.92	13.12	316.37	28.62	4.85	214.02	
29/09/2024 21:35	10.45	4.59	116.5	15.69	11.39	2.09	77.68	15.75	27.9	12.25	311.08	30.73	5.65	209.58	
29/09/2024 21:40	10.49	5.08	119.59	15.71	11.36	2	77.78	15.75	28.08	13.6	320.19	30.65	5.4	209.87	
29/09/2024 21:45	10.54	5.24	119.86	15.72	10.54	2.14	80.22	15.75	28.27	14.05	321.38	28.43	5.78	216.41	
29/09/2024 21:50	10.29	4.99	118.12	15.71	10.79	2.49	79.51	15.76	27.59	13.38	316.66	29.2	6.73	215.2	
29/09/2024 21:55	10.28	5.49	120.24	15.73	10.55	2.52	79.02	15.77	27.65	14.76	323.4	28.56	6.82	213.98	
29/09/2024 22:00	10.33	5.63	119.84	15.74	10.29	2.36	79.17	15.77	27.82	15.15	322.67	27.88	6.4	214.49	
29/09/2024 22:05	10.15	5.25	118.03	15.74	11.34	2.96	77.9	15.79	27.35	14.14	317.87	30.85	8.06	211.94	
29/09/2024 22:10	10.27	5.66	119.26	15.75	11.47	3.13	78.61	15.8	27.73	15.28	322.07	31.23	8.51	214.05	
29/09/2024 22:15	10.36	5.83	119.29	15.76	10.25	2.76	80.24	15.8	28.03	15.79	322.84	27.93	7.52	218.58	
29/09/2024 22:20	10.02	5.42	117.35	15.76	10.99	3.11	78.34	15.82	27.14	14.68	317.58	30.07	8.51	214.29	
29/09/2024 22:25	10.09	5.87	119.43	15.78	11.44	3.45	78.63	15.82	27.38	15.93	324.04	31.32	9.46	215.28	
29/09/2024 22:30	10.44	6.19	121.66	15.78	10.57	3.1	79.27	15.82	28.35	16.8	330.46	28.93	8.48	216.97	
29/09/2024 22:35	10.14	5.81	118.83	15.79	11.52	3.75	77.25	15.85	27.59	15.79	323.23	31.71	10.31	212.62	
29/09/2024 22:40	10.11	5.88	120	15.82	11.83	4.02	77.31	15.85	27.67	16.1	328.44	32.59	11.07	213	
29/09/2024 22:45	10.35	5.87	120.04	15.83	10.45	2.73	79.8	15.86	28.37	16.08	328.98	28.85	7.53	220.27	
29/09/2024 22:50	10.15	5.31	118.77	15.83	11.17	2.86	77.85	15.88	27.8	14.55	325.41	30.92	7.92	215.46	
29/09/2024 22:55	10.34	5.18	119.29	15.83	11.11	2.88	77.95	15.88	28.36	14.21	327.16	30.75	7.96	215.77	
29/09/2024 23:00	10.44	5.19	119.92	15.83	10.63	1.85	77.93	15.85	28.59	14.23	328.55	29.28	5.09	214.57	
29/09/2024 23:05	10.32	4.68	117.49	15.81	11.59	2.35	76.99	15.85	28.17	12.79	320.72	31.91	6.47	211.95	
29/09/2024 23:10	10.43	4.84	118.94	15.78	11.7	2.5	76.97	15.85	28.31	13.13	322.94	32.22	6.89	211.92	
29/09/2024 23:15	10.64	5.02	119.13	15.78	10.73	1.84	77.88	15.87	28.86	13.62	323.11	29.68	5.09	215.25	
29/09/2024 23:20	10.31	4.63	117.19	15.8	11.67	2.36	77.16	15.93	28.1	12.62	319.32	32.61	6.61	215.72	
29/09/2024 23:25	10.25	5.04	119.18	15.78	11.84	2.39	77.25	15.91	27.82	13.68	323.42	33.02	6.67	215.36	
29/09/2024 23:30	10.76	5.28	118.53	15.78	10.58	2.11	78.51	15.8	29.21	14.34	321.68	28.86	5.75	214.07	
29/09/2024 23:35	10.51	5.05	117.29	15.77	11.57	2.8	76.98	15.8	28.46	13.67	317.65	31.54	7.62	209.78	
29/09/2024 23:40	10.13	5.38	120.24	15.76	12.19	3.2	77.05	15.8	27.38	14.56	325.02	3			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
30/09/2024 01:30	10.66	4.98	122.48	15.76	10.58	1.7	80.78	15.78	28.82	13.47	331.17	28.75	4.63	219.43	
30/09/2024 01:35	10.32	4.51	119.27	15.74	11.48	2.05	78.61	15.77	27.8	12.16	321.22	31.14	5.57	213.15	
30/09/2024 01:40	10.19	4.8	121.09	15.71	11.72	2.02	78.36	15.77	27.3	12.87	324.39	31.75	5.46	212.33	
30/09/2024 01:45	10.13	4.99	121.66	15.71	10.53	1.82	80.33	15.73	27.11	13.36	325.59	28.33	4.9	216.09	
30/09/2024 01:50	10.07	4.66	119.62	15.7	11.32	2.25	78.48	15.73	26.92	12.45	319.59	30.46	6.05	211.17	
30/09/2024 01:55	10.24	5.03	120.26	15.69	11.48	2.24	78.08	15.73	27.31	13.42	320.64	30.89	6.01	210.03	
30/09/2024 02:00	10.59	5.28	120.83	15.69	10.35	2.2	81.08	15.73	28.26	14.1	322.3	27.84	5.91	218	
30/09/2024 02:05	10.27	5.03	120.08	15.69	11.01	2.64	79.83	15.75	27.44	13.43	320.62	29.7	7.12	215.41	
30/09/2024 02:10	10	5.55	122.52	15.71	11.11	2.7	80.08	15.75	26.81	14.87	328.35	29.98	7.3	216.13	
30/09/2024 02:15	10.11	5.8	122.56	15.72	10.25	2.64	82.57	15.76	27.14	15.58	329.1	27.7	7.14	223.16	
30/09/2024 02:20	9.88	5.5	121.01	15.73	11.01	3.3	80.58	15.78	26.55	14.77	325.06	29.87	8.96	218.62	
30/09/2024 02:25	9.85	5.99	124.01	15.74	11.08	3.5	80.5	15.78	26.53	16.12	333.85	30.07	9.51	218.53	
30/09/2024 02:30	10.46	6.09	123.57	15.74	9.85	2.72	83.47	15.77	28.17	16.4	332.82	26.72	7.39	226.36	
30/09/2024 02:35	10.01	5.71	121.3	15.74	10.48	3.17	81.2	15.79	26.98	15.37	326.88	28.53	8.63	220.98	
30/09/2024 02:40	9.86	6.31	124.52	15.76	10.53	3.19	80.75	15.79	26.66	17.07	336.73	28.66	8.68	219.75	
30/09/2024 02:45	9.97	6.46	124.03	15.77	9.81	3.13	83.78	15.8	27.02	17.5	336	26.73	8.54	228.34	
30/09/2024 02:50	9.76	6.11	122.28	15.77	10.7	3.55	81.45	15.82	26.45	16.56	331.33	29.28	9.7	222.82	
30/09/2024 02:55	9.8	6.49	123.97	15.79	10.8	3.52	80.94	15.82	26.65	17.65	336.93	29.54	9.62	221.41	
30/09/2024 03:00	10.19	6.69	124.73	15.79	9.77	3.35	83.49	15.82	27.71	18.19	339.12	26.77	9.17	228.6	
30/09/2024 03:05	9.76	6.37	122.06	15.79	10.42	3.75	81.69	15.84	26.56	17.32	332.19	28.64	10.3	224.4	
30/09/2024 03:10	9.59	6.58	124.18	15.81	10.39	3.81	81.83	15.84	26.21	17.98	339.32	28.56	10.48	224.88	
30/09/2024 03:15	9.67	6.62	124.18	15.83	9.82	3.15	82.1	15.86	26.48	18.13	340.22	27.09	8.68	226.56	
30/09/2024 03:20	9.63	6.02	121.41	15.83	10.91	3.5	80.99	15.89	26.39	16.5	332.74	30.25	9.7	224.49	
30/09/2024 03:25	9.83	5.76	121.9	15.83	11.47	3.77	80.55	15.89	26.97	15.81	334.41	31.82	10.45	223.5	
30/09/2024 03:30	9.72	5.75	121.55	15.83	10.22	2.33	81.61	15.86	26.68	15.78	333.54	28.2	6.44	225.06	
30/09/2024 03:35	9.69	5.21	120.71	15.81	11.02	2.48	79.63	15.85	26.48	14.24	329.93	30.34	6.83	219.32	
30/09/2024 03:40	10.16	5.32	121.93	15.78	11.06	2.27	79.02	15.85	27.59	14.43	331.07	30.44	6.24	217.42	
30/09/2024 03:45	10.3	5.5	122.27	15.77	10.3	2.06	80.3	15.8	27.92	14.91	331.42	28.05	5.62	218.74	
30/09/2024 03:50	10.06	5.03	120.55	15.76	11.12	2.47	77.87	15.79	27.2	13.59	325.74	30.27	6.73	212.03	
30/09/2024 03:55	10.19	5.22	119.66	15.74	11.06	2.49	77.78	15.79	27.43	14.06	322.24	30.11	6.77	211.73	
30/09/2024 04:00	10.42	5.42	120.21	15.74	10.65	2.28	78.92	15.78	28.09	14.62	323.97	28.89	6.19	214.03	
30/09/2024 04:05	10.1	5.12	118.15	15.74	11.18	2.71	78.42	15.79	27.21	13.79	318.19	30.39	7.36	213.22	
30/09/2024 04:10	10.07	5.57	121.09	15.74	11.19	2.7	78.63	15.79	27.14	15.03	326.4	30.42	7.35	213.77	
30/09/2024 04:15	10.21	5.68	120.38	15.75	10.28	2.57	81.23	15.78	27.55	15.33	324.9	27.93	6.98	220.68	
30/09/2024 04:20	9.89	5.39	118.28	15.75	10.87	2.89	78.73	15.8	26.68	14.54	319.22	29.62	7.86	214.56	
30/09/2024 04:25	10.04	5.78	120.41	15.77	10.66	2.7	78.64	15.8	27.18	15.66	326.02	29.03	7.37	214.27	
30/09/2024 04:30	10.28	5.95	119.55	15.77	10.5	2.91	80.09	15.81	27.88	16.13	324.25	28.66	7.93	218.55	
30/09/2024 04:35	9.97	5.64	118.98	15.77	10.89	3.33	79.32	15.82	27.02	15.29	322.52	29.81	9.12	217.07	
30/09/2024 04:40	9.89	6.04	121.16	15.81	10.83	3.41	79.28	15.82	27	16.5	330.87	29.63	9.33	216.94	
30/09/2024 04:45	10.36	6.18	121.29	15.81	10.18	3.14	81.23	15.84	28.33	16.89	331.51	27.97	8.63	223.14	
30/09/2024 04:50	9.97	5.83	119.34	15.81	10.94	3.48	78.67	15.86	27.24	15.92	325.9	30.14	9.6	216.79	
30/09/2024 04:55	9.74	6.17	120.05	15.8	11	3.49	78.27	15.86	26.57	16.82	327.43	30.32	9.61	215.76	
30/09/2024 05:00	10.02	6.41	121.11	15.81	10.07	3.33	81.14	15.86	27.37	17.52	330.9	27.74	9.18	223.57	
30/09/2024 05:05	9.76	6.02	118.96	15.82	10.66	3.6	79.39	15.87	26.69	16.46	325.22	29.44	9.93	219.28	
30/09/2024 05:10	9.81	6.36	120.33	15.84	10.77	3.56	79.09	15.87	26.92	17.47	330.3	29.73	9.84	218.45	
30/09/2024 05:15	9.78	6.49	121.26	15.85	9.97	3.14	80.47	15.89	26.92	17.86	333.76	27.66	8.71	223.11	
30/09/2024 05:20	9.6	5.92	119.12	15.85	10.69	3.5	80.59	15.91	26.45	16.31	328.1	29.79	9.76	224.54	
30/09/2024 05:25	9.89	5.83	120.51	15.86	10.75	3.5	80.78	15.91	27.29	16.09	332.58	29.94	9.75	224.99	
30/09/2024 05:30	10.53	5.74	119.58	15.86	10.24	2.59	80.81	15.9	29.07	15.83	330.05	28.43	7.19	224.44	
30/09/2024 05:35	10.18	5.2	118.31	15.85	10.87	2.75	80.32	15.9	28.05	14.33	325.81	30.2	7.65	223.2	
30/09/2024 05:40	9.99	5.29	121.38	15.82	10.94	2.75	80.34	15.9	27.33	14.48	332.14	30.4	7.65	223.29	
30/09/2024 05:45	10.66	5.42	122	15.83	10.16	1.98	80.53	15.83	29.23	14.87	334.51	27.87	5.43	220.77	
30/09/2024 05:50	10.3	4.89	120.1	15.81	11.08	2.26	79.24	15.83	28.15	13.36	328.04	30.4	6.2	217.42	
30/09/2024 05:55	10.24	4.89	120.89	15.77	11	2.2	78.94	15.83	27.77	13.27	327.88	30.17	6.04	216.47	
30/09/2024 06:00	10.78	5.05	121.43	15.77	10.42	1.73	81.27	15.8	29.22	13.68	329.04	28.38	4.7	221.29	
30/09/2024 06:05	10.4	4.59	119.53	15.75	11.42	2.08	80.59	15.79	28.09	12.4	322.82	31.09	5.66	219.37	
30/09/2024 06:10	10.2	4.74	121.34	15.72	11.36	2.03	81.27	15.79	27.36	12.72	325.66	30.91	5.53	221.15	
30/09/2024 06:15	10.34	4.86	121.87	15.72	10.53	1.67	82.04	15.75	27.75	13.05	327.04	28.4	4.51	221.34	
30/09/2024 06:20	10.18	4.44	119.85	15.71	10.97	1.77	80.52	15.74	27.25	11.89	320.7	29.57	4.77	217.1	
30/09/2024 06:25	10.15	4.63	121.23	15.69	11	1.78	80.55	15.75	27.06	12.36	323.2	29.66	4.81	217.2	
30/09/2024 06:30	10.65	4.74	120.59	15.68	10.5	1.47	81.44	15.72	28.37	12.62	321.1	28.16	3.94	218.39	
30/09/2024 06:35	10.37	4.34	119.47	15.67	10.98	1.76	80.48	15.71	27.57	11.55	317.49	29.42	4.71	215.62	
30/09/2024 06:40	10.26	4.56	121.53	15.66	10.91	1.75	80.19	15.71	27.2	12.08	322.1	29.19	4.69	214.61	
30/09/2024 06:45	10.8	4.69	121.32	15.66	10.53	1.33	81.29	15.68	28.62	12.43	321.59	28.07	3.55	216.57	
30/09/2024 06:50	10.46	4.2	119.36	15.65	11.11	1.68	79.78	15.69	27.71	11.12	316.05	29.62	4.48	212.8	
30/09/2024 06:55	10.35	4.37	121.07	15.64	11.02	1.75	80.06	15.69	27.32	11.55	319.71	29.38	4.67	213.5	
30/09/2024 07:00	10.47	4.41	120.28	15.63	10.84	1.26	79.16	15.67	27.63	11.65	317.51	28.8	3.33	210.23	
30/09/2024 07:05	10.5	3.98	117.51	15.63	11.97	1.39	74.8	15.67	27.69	10.49	309.91	31.82	3.71	198.86	
30/09/2024 07:10	10.53	4.22	119.17	15.63	12.06	1.38	74.63	15.67	27.74	11.11	314.04	32.07	3.66	198.41	
30/09/2024 07:15	10.81	4.47	120.26	15.62	10.97	1.33	80.21	15.65	28.46	11.77	316.7	29.06	3.52	212.5	
30/09/2024 07:20	10.48	4.17	118.61	15.62	11.32	1.5	79.31	15.72	27.6	10.97	312.36	30.41	4.03	212.96	
30/09/2024 07:25	10.47	4.26	119.79	15.63	11.5	1.59	78.98	15.76	27.6	11.22	315.9	31.11	4.31	213.7	
30/09/2024 07:30	1														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
30/09/2024 09:15	10.87	4.31	113.17	15.59	11.2	1.39	76.27	15.63	28.48	11.28	296.44	29.54	3.66	201.13	
30/09/2024 09:20	10.57	3.97	112.15	15.61	11.63	1.56	74.41	15.68	27.77	10.43	294.61	30.96	4.16	198.06	
30/09/2024 09:25	10.76	4.5	114.38	15.64	11.45	1.22	74.08	15.67	28.45	11.89	302.32	30.45	3.24	196.95	
30/09/2024 09:30	10.78	4.47	112.39	15.66	11.04	1.75	76.4	15.69	28.61	11.85	298.16	29.44	4.66	203.66	
30/09/2024 09:35	10.59	4.2	110.81	15.66	11.77	2.48	74.7	15.71	28.1	11.13	293.97	31.51	6.64	199.98	
30/09/2024 09:40	10.47	4.78	114.78	15.67	12.05	2.78	75.06	15.71	27.87	12.71	305.33	32.28	7.46	201.13	
30/09/2024 09:45	10.76	4.96	113.68	15.68	10.91	2.08	75.63	15.73	28.67	13.21	302.98	29.31	5.6	203.2	
30/09/2024 09:50	10.44	4.67	112.52	15.69	11.39	2.56	75.79	15.75	27.86	12.46	300.44	30.73	6.9	204.46	
30/09/2024 09:55	10.44	5.12	114.96	15.72	11.36	2.5	75.8	15.75	28.03	13.76	308.64	30.65	6.75	204.52	
30/09/2024 10:00	10.39	5.37	115.98	15.73	10.65	2.32	76.69	15.77	27.94	14.46	311.98	28.89	6.29	207.96	
30/09/2024 10:05	10.24	5	113.24	15.74	11.41	2.71	74.58	15.8	27.62	13.48	305.29	31.11	7.4	203.41	
30/09/2024 10:10	10.43	5.27	113.71	15.77	11.53	2.85	74.02	15.81	28.23	14.28	307.91	31.47	7.76	201.98	
30/09/2024 10:15	10.83	5.41	113.88	15.78	10.97	2.34	74.09	15.82	29.39	14.67	309.04	30.04	6.42	202.9	
30/09/2024 10:20	10.46	4.95	111.91	15.79	11.8	2.82	72.84	15.86	28.47	13.46	304.44	32.55	7.79	200.9	
30/09/2024 10:25	10.38	4.97	114.4	15.81	12.14	3.2	73.38	15.87	28.33	13.56	312.25	33.54	8.85	202.72	
30/09/2024 10:30	10.75	5.03	114.86	15.83	10.74	1.91	75.91	15.86	29.45	13.77	314.69	29.61	5.26	209.29	
30/09/2024 10:35	10.44	4.44	112.53	15.82	11.62	2.33	72.11	15.88	28.59	12.15	308.06	32.15	6.44	199.48	
30/09/2024 10:40	10.56	4.56	113.26	15.82	12.11	2.63	71.64	15.88	28.89	12.47	309.81	33.52	7.27	198.29	
30/09/2024 10:45	10.82	4.67	113.63	15.82	10.68	1.65	75.76	15.85	29.58	12.78	310.74	29.43	4.55	208.68	
30/09/2024 10:50	10.52	4.25	112.74	15.81	11.51	1.9	74.33	15.86	28.74	11.62	307.96	31.73	5.25	204.89	
30/09/2024 10:55	10.52	4.31	113.6	15.81	12.19	2.2	74.27	15.85	28.75	11.77	310.38	33.58	6.07	204.6	
30/09/2024 11:00	10.44	4.4	113.21	15.81	10.61	1.17	75.01	15.84	28.5	12.03	309.22	29.16	3.21	206.11	
30/09/2024 11:05	10.3	3.9	111.54	15.81	11.36	1.74	74.63	15.85	28.12	10.65	304.34	31.27	4.8	205.43	
30/09/2024 11:10	10.54	4.04	114.15	15.8	11.44	2.02	75.56	15.85	28.73	11.01	311.21	31.5	5.55	208.11	
30/09/2024 11:15	11	4.16	113.42	15.81	10.93	1.14	75.86	15.84	30.01	11.34	309.51	30.02	3.13	208.35	
30/09/2024 11:20	10.62	3.67	112.49	15.8	11.57	1.41	74.98	15.85	28.95	10.01	306.65	31.84	3.88	206.31	
30/09/2024 11:25	10.59	3.88	114.2	15.81	11.48	1.31	74.97	15.85	28.9	10.58	311.59	31.58	3.61	206.16	
30/09/2024 11:30	10.98	3.93	112.71	15.81	10.61	0.73	76.07	15.84	30.01	10.75	308.05	29.17	2.01	209.15	
30/09/2024 11:35	10.67	3.51	111.7	15.81	11.33	1.11	75.24	15.85	29.11	9.57	304.77	31.16	3.06	206.92	
30/09/2024 11:40	10.59	3.83	113.99	15.79	11.31	1.11	75.33	15.85	28.8	10.42	310.1	31.11	3.05	207.15	
30/09/2024 11:45	11.1	4.04	114.79	15.88	10.57	0.78	77.1	15.85	30.72	11.18	317.79	29.1	2.16	212.33	
30/09/2024 11:50	10.73	3.51	112.44	15.84	11.22	1.11	75.48	15.85	29.48	9.66	308.99	30.88	3.06	207.66	
30/09/2024 11:55	10.52	3.79	114.94	15.79	11.14	1.05	75.08	15.85	28.62	10.31	312.82	30.64	2.88	206.46	
30/09/2024 12:00	10.76	4.18	116.77	15.8	10.7	0.81	77.62	15.82	29.31	11.37	317.97	29.27	2.21	212.36	
30/09/2024 12:05	10.52	3.66	114.39	15.8	11.32	1.1	75.96	15.84	28.64	9.98	311.45	31.08	3.03	208.59	
30/09/2024 12:10	10.61	3.81	114.66	15.81	11.28	1.03	76.05	15.84	28.97	10.39	313.15	30.99	2.83	208.93	
30/09/2024 12:15	10.6	3.93	114.43	15.82	10.58	0.68	77.16	15.85	28.98	10.74	312.93	29.11	1.87	212.24	
30/09/2024 12:20	10.35	3.42	113.38	15.81	11.34	0.96	75.67	15.86	28.3	9.35	309.88	31.25	2.64	208.6	
30/09/2024 12:25	10.73	3.6	113.74	15.82	11.3	0.92	76.09	15.86	29.38	9.86	311.27	31.14	2.54	209.77	
30/09/2024 12:30	11.22	3.8	113.12	15.83	10.81	0.58	76.63	15.85	30.75	10.4	309.93	29.75	1.58	210.93	
30/09/2024 12:35	10.8	3.23	111.52	15.83	11.36	0.81	75.27	15.87	29.58	8.85	305.48	31.36	2.24	207.86	
30/09/2024 12:40	10.73	3.47	113.63	15.83	11.42	0.73	74.83	15.87	29.42	9.53	311.68	31.55	2.03	206.67	
30/09/2024 12:45	10.76	3.7	114.65	15.84	10.68	0.46	75.87	15.87	29.54	10.16	314.7	29.5	1.28	209.45	
30/09/2024 12:50	10.52	3.12	112.25	15.83	11.45	0.68	75.68	15.86	28.82	8.54	307.55	31.6	1.87	208.77	
30/09/2024 12:55	10.74	3.26	113.13	15.82	11.33	0.67	76.2	15.86	29.41	8.92	309.79	31.24	1.85	210.14	
30/09/2024 13:00	10.8	3.52	113.17	15.82	10.95	0.47	75.41	15.86	29.56	9.63	309.89	30.18	1.3	207.78	
30/09/2024 13:05	10.53	3.07	111.57	15.82	11.46	0.83	75.58	15.87	28.82	8.41	305.23	31.67	2.3	208.83	
30/09/2024 13:10	10.8	3.38	112.39	15.82	11.34	0.86	75.89	15.87	29.55	9.25	307.6	31.34	2.38	209.67	
30/09/2024 13:15	10.93	3.76	114.3	15.82	10.84	0.55	76.01	15.86	29.91	10.3	312.87	29.89	1.51	209.44	
30/09/2024 13:20	10.67	3.19	112.03	15.82	11.48	0.78	74.29	15.87	29.2	8.74	306.58	31.72	2.15	205.28	
30/09/2024 13:25	10.8	3.49	113.47	15.83	11.56	0.78	74.47	15.87	29.63	9.58	311.25	31.95	2.16	205.8	
30/09/2024 13:30	11.1	3.61	112.86	15.84	10.69	0.51	76.37	15.86	30.5	9.92	310.05	29.49	1.4	210.56	
30/09/2024 13:35	10.71	3.13	111.63	15.83	11.69	0.89	74.33	15.88	29.39	8.6	306.17	32.35	2.46	205.73	
30/09/2024 13:40	10.8	3.45	114.02	15.83	11.58	0.7	73.8	15.88	29.6	9.45	312.64	32.07	1.95	204.39	
30/09/2024 13:45	10.99	3.7	114.07	15.84	10.79	0.45	76.17	15.87	30.19	10.17	313.18	29.8	1.25	210.32	
30/09/2024 13:50	10.75	3.2	112.18	15.84	11.62	0.63	74.16	15.88	29.52	8.79	307.84	32.16	1.76	205.25	
30/09/2024 13:55	10.43	3.15	114.68	15.83	11.72	0.63	74.17	15.88	28.63	8.65	314.72	32.44	1.73	205.3	
30/09/2024 14:00	10.86	3.59	114.69	15.85	10.79	0.38	75.74	15.87	29.87	9.88	315.38	29.85	1.05	209.42	
30/09/2024 14:05	10.6	3.02	112.83	15.84	11.42	0.61	75.08	15.89	29.15	8.31	310.17	31.7	1.7	208.39	
30/09/2024 14:10	10.55	3.12	115.08	15.85	11.36	0.55	74.77	15.89	29.02	8.58	316.54	31.52	1.52	207.46	
30/09/2024 14:15	10.97	3.61	114.88	15.85	10.65	0.34	77.51	15.88	30.18	9.93	316.09	29.49	0.95	214.7	
30/09/2024 14:20	10.61	2.98	113.1	15.86	11.4	0.6	75.99	15.93	29.27	8.22	311.86	31.87	1.67	212.36	
30/09/2024 14:25	10.85	3.49	116.19	15.86	11.38	0.63	75.66	15.93	29.94	9.63	320.47	31.8	1.75	211.51	
30/09/2024 14:30	10.81	3.64	115.74	15.86	10.58	0.44	77.36	15.89	29.84	10.04	319.47	29.36	1.21	214.7	
30/09/2024 14:35	10.59	3.18	114.04	15.85	11.33	0.7	77.04	15.9	29.18	8.75	314.12	31.49	1.96	214.14	
30/09/2024 14:40	10.81	3.45	114.98	15.84	11.22	0.72	77.27	15.9	29.68	9.48	315.73	31.18	2	214.73	
30/09/2024 14:45	10.92	3.63	114.73	15.83	10.73	0.32	75.18	15.87	29.96	9.95	314.63	29.65	0.89	207.73	
30/09/2024 14:50	10.6	3.19	113.09	15.83	11.18	0.61	76.05	15.89	29.07	8.76	310.2	31	1.69	210.79	
30/09/2024 14:55	10.75	3.45	115.35	15.84	11.03	0.64	76.78	15.89	29.55	9.47	317.06	30.58	1.78	212.85	
30/09/2024 15:00	11.24	3.62	116.03	15.85	10.54	0.4	78	15.88	30.94	9.97	319.25	29.16	1.11	215.82	
30/09/2024 15:05	10.78	3.1	114.33	15.84	11.23	0.49	76.8	15.89	29.62	8.53	314.21	31.15	1.37	212.96	
30/09/2024 15:10	10.65	3.42	115.61	15.84	11.19	0.44	77	15.89	29.26	9.4	317.5	31.04	1.21	213.	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
30/09/2024 17:00	11.23	3.76	116.91	15.77	10.62	0.42	79.19	15.8	30.44	10.2	316.99	28.98	1.16	215.96	
30/09/2024 17:05	11.26	2.88	111.86	15.75	11.34	0.57	77.76	15.81	30.36	7.79	301.71	30.98	1.55	212.45	
30/09/2024 17:10	11.77	2.73	109.51	15.7	11.3	0.55	78.09	15.81	31.44	7.3	292.62	30.87	1.49	213.37	
30/09/2024 17:15	11.92	2.86	108.73	15.7	10.75	0.37	77.67	15.78	31.89	7.66	290.9	29.22	1.03	210.75	
30/09/2024 17:20	11.56	2.49	108.58	15.7	11.57	0.6	77.47	15.79	30.92	6.65	290.3	31.49	1.63	210.83	
30/09/2024 17:25	11.81	2.82	110.26	15.7	11.73	0.52	77.86	15.79	31.54	7.52	294.5	31.93	1.4	211.88	
30/09/2024 17:30	12.09	2.88	110.25	15.7	10.7	0.34	78.07	15.77	32.34	7.7	294.87	29	0.91	211.47	
30/09/2024 17:35	11.47	2.65	110.92	15.7	12.13	0.16	69.88	15.74	30.69	7.1	296.75	32.69	0.43	188.25	
30/09/2024 17:40	11.05	3.34	115.98	15.72	12.14	0.13	69.63	15.73	29.66	8.96	311.2	32.63	0.34	187.13	
30/09/2024 17:45	11.26	3.56	116.55	15.72	11.45	0.12	71.82	15.72	30.2	9.56	312.58	30.72	0.32	192.75	
30/09/2024 17:50	10.98	3.2	115.51	15.71	12.19	0.21	70.89	15.72	29.42	8.56	309.35	32.74	0.58	190.41	
30/09/2024 17:55	10.89	3.53	117.43	15.71	12.2	0.11	70.94	15.72	29.18	9.46	314.58	32.77	0.29	190.48	
30/09/2024 18:00	11.15	3.72	117.24	15.72	11.75	0.24	71.43	15.72	29.89	9.98	314.35	31.55	0.66	191.75	
30/09/2024 18:05	10.92	3.15	115.13	15.71	11.91	0.35	73.8	15.74	29.21	8.44	308.06	32.08	0.95	198.79	
30/09/2024 18:10	10.9	3.5	117.87	15.69	11.77	0.3	73.64	15.74	29.1	9.35	314.71	31.69	0.8	198.34	
30/09/2024 18:15	11.2	3.76	117.96	15.7	11.33	0.55	76.46	15.73	29.95	10.05	315.32	30.47	1.47	205.6	
30/09/2024 18:20	10.92	3.27	115.78	15.7	11.44	0.62	75.21	15.74	29.17	8.73	309.23	30.82	1.68	202.56	
30/09/2024 18:25	10.91	3.49	117.21	15.69	11.67	0.95	75.72	15.74	29.12	9.32	312.95	31.46	2.57	204.12	
30/09/2024 18:30	11.16	3.71	118.65	15.69	10.93	0.41	76.43	15.73	29.79	9.89	316.79	29.37	1.1	205.3	
30/09/2024 18:35	10.85	3.18	116.38	15.68	11.62	0.31	74.08	15.72	28.91	8.47	309.99	31.18	0.83	198.86	
30/09/2024 18:40	10.94	3.55	117.89	15.67	11.44	0	73.72	15.71	29.07	9.44	313.27	30.64	0	197.47	
30/09/2024 18:45	10.87	3.83	120.1	15.67	10.85	0.22	76.42	15.74	28.91	10.17	319.3	29.21	0.59	205.73	
30/09/2024 18:50	10.74	3.24	117.78	15.67	12.32	0.91	74.52	15.74	28.56	8.61	313.24	33.15	2.44	200.58	
30/09/2024 18:55	10.81	3.38	117.96	15.68	12.42	0.73	74.19	15.73	28.77	9.01	314.07	33.41	1.98	199.51	
30/09/2024 19:00	10.98	3.68	119.51	15.69	11.22	0.48	77.5	15.71	29.29	9.81	318.79	30.03	1.29	207.41	
30/09/2024 19:05	10.77	3.24	117.55	15.67	11.7	0.53	75.05	15.7	28.65	8.62	312.67	31.31	1.43	200.79	
30/09/2024 19:10	10.9	3.56	118.96	15.67	11.3	0.09	74.94	15.7	28.94	9.46	315.93	30.2	0.25	200.31	
30/09/2024 19:15	11.16	3.71	118.81	15.68	11.12	0.39	77.28	15.71	29.7	9.87	316.16	29.8	1.05	206.99	
30/09/2024 19:20	10.83	3.24	117.22	15.67	11.5	0.49	75.75	15.71	28.78	8.62	311.55	30.8	1.31	202.93	
30/09/2024 19:25	10.92	3.57	119.14	15.67	10.91	0	75.58	15.7	29	9.47	316.35	29.15	0	202.03	
30/09/2024 19:30	11.11	3.86	119.34	15.67	10.98	0.36	77.2	15.7	29.5	10.24	317.02	29.34	0.95	206.28	
30/09/2024 19:35	10.74	3.18	117.08	15.66	11.7	0.53	76.26	15.71	28.52	8.43	310.82	31.3	1.41	204.06	
30/09/2024 19:40	10.89	3.52	118.58	15.66	11.17	0	76.95	15.7	28.92	9.35	314.83	29.86	0	205.7	
30/09/2024 19:45	11.5	3.79	118.27	15.66	11.29	0.47	76.82	15.69	30.48	10.05	313.5	30.15	1.25	205.03	
30/09/2024 19:50	11.08	3.31	116.72	15.65	11.57	0.43	75.34	15.69	29.34	8.77	309	30.89	1.15	201.09	
30/09/2024 19:55	11.04	3.64	119.17	15.65	11.22	0.22	75.47	15.69	29.23	9.64	315.61	29.91	0.58	201.19	
30/09/2024 20:00	10.88	3.69	119.04	15.65	11.41	0.41	76.59	15.68	28.83	9.77	315.45	30.36	1.08	203.85	
30/09/2024 20:05	10.82	3.37	116.92	15.64	11.98	0.86	75.27	15.68	28.63	8.91	309.24	31.91	2.3	200.5	
30/09/2024 20:10	11.01	3.58	118.97	15.63	12.28	1.2	75.25	15.69	29.05	9.45	313.74	32.75	3.21	200.67	
30/09/2024 20:15	11.14	3.78	119.21	15.64	11.56	0.48	76.43	15.67	29.41	9.98	314.77	30.74	1.27	203.19	
30/09/2024 20:20	10.91	3.31	117.38	15.63	11.94	0.55	75.78	15.68	28.8	8.73	309.71	31.78	1.47	201.75	
30/09/2024 20:25	10.97	3.47	118.65	15.63	12	0.23	75.53	15.68	28.92	9.15	312.87	31.92	0.62	200.93	
30/09/2024 20:30	11.14	3.47	116.59	15.63	11.43	0.29	75.47	15.65	29.35	9.15	307.23	30.28	0.76	199.89	
30/09/2024 20:35	10.83	3.2	114.97	15.61	12.1	0.62	74.64	15.65	28.47	8.43	302.27	32.05	1.65	197.73	
30/09/2024 20:40	10.87	3.69	117.96	15.59	11.75	0.11	74.55	15.65	28.44	9.65	308.65	31.09	0.29	197.25	
30/09/2024 20:45	10.92	4.04	118.49	15.59	10.98	0.46	77.05	15.62	28.61	10.58	310.31	28.93	1.22	202.99	
30/09/2024 20:50	10.77	3.66	116.36	15.59	11.96	1.45	75.45	15.64	28.21	9.59	304.67	31.6	3.82	199.44	
30/09/2024 20:55	10.69	4.19	118.61	15.6	12.19	1.69	75.25	15.64	28.02	10.98	311.04	32.23	4.46	199	
30/09/2024 21:00	10.98	4.42	118.89	15.61	10.94	1.21	77.18	15.65	28.85	11.61	312.25	28.95	3.21	204.26	
30/09/2024 21:05	10.66	4.05	116.47	15.61	11.5	1.55	76.17	15.66	28.03	10.63	306.05	30.53	4.11	202.2	
30/09/2024 21:10	10.79	4.47	117.22	15.64	11.36	1.3	75.94	15.66	28.49	11.81	309.52	30.15	3.44	201.53	
30/09/2024 21:15	11.05	4.59	116.26	15.65	11.4	1.54	75.39	15.69	29.25	12.15	307.64	30.43	4.1	201.12	
30/09/2024 21:20	10.92	4.24	114.41	15.66	12.32	1.96	73.07	15.71	28.96	11.23	303.27	33	5.25	195.74	
30/09/2024 21:25	10.91	4.68	116.32	15.68	12.45	2.02	73.23	15.71	29.02	12.44	309.49	33.38	5.41	196.29	
30/09/2024 21:30	11.27	5.03	117.3	15.7	11.74	2	75.32	15.75	30.1	13.43	313.26	31.68	5.38	203.15	
30/09/2024 21:35	10.95	4.65	115.14	15.7	11.88	2.16	74.29	15.76	29.29	12.45	308.01	32.16	5.84	201.08	
30/09/2024 21:40	10.78	5.03	117.04	15.72	11.75	2.02	74.11	15.76	28.95	13.5	314.28	31.79	5.46	200.51	
30/09/2024 21:45	10.86	5.24	117.59	15.72	11.41	2.14	74.66	15.76	29.13	14.05	315.43	30.85	5.79	201.8	
30/09/2024 21:50	10.7	4.96	114.82	15.72	12.25	2.71	74	15.78	28.73	13.3	308.18	33.28	7.36	200.95	
30/09/2024 21:55	10.72	5.24	116.62	15.75	12.39	2.77	74.03	15.78	28.91	14.12	314.48	33.67	7.52	201.16	
30/09/2024 22:00	11.01	5.41	116.03	15.76	11.44	2.47	76.09	15.79	29.74	14.63	313.55	31.16	6.72	207.12	
30/09/2024 22:05	10.84	5.06	114.92	15.76	12.3	2.71	73.92	15.82	29.32	13.68	310.96	33.64	7.42	202.25	
30/09/2024 22:10	10.76	5.12	118.07	15.79	12.44	2.67	73.8	15.82	29.26	13.93	321	34.04	7.32	202	
30/09/2024 22:15	11.04	5.19	118.81	15.8	11.49	2.05	76.81	15.83	30.08	14.14	323.74	31.53	5.62	210.72	
30/09/2024 22:20	10.88	4.68	116.89	15.8	12.1	2.19	76.23	15.85	29.63	12.74	318.25	33.3	6.04	209.84	
30/09/2024 22:25	10.88	4.57	117.84	15.78	11.91	2.24	77	15.85	29.55	12.41	320.08	32.78	6.16	212.01	
30/09/2024 22:30	11.39	4.79	118.05	15.78	11.5	1.52	77.07	15.8	30.88	12.99	320.18	31.39	4.15	210.24	
30/09/2024 22:35	11.22	4.32	116.23	15.76	12.12	1.7	75.69	15.8	30.37	11.69	314.44	33.07	4.64	206.46	
30/09/2024 22:40	11.02	4.25	117.91	15.73	11.97	1.69	75.95	15.8	29.6	11.42	316.82	32.63	4.6	207.07	
30/09/2024 22:45	11.28	4.32	117.32	15.71	11.52	1.14	76.91	15.75	30.19	11.56	313.98	31.06	3.08	207.44	
30/09/2024 22:50	11.16	3.86	115.35	15.7	12.2	1.49	76.08	15.77	29.86	10.32	308.51	33.04	4.03	205.94	
30/09/2024 22:55	11.38	3.99	116.77	15.69	12.33	1.5	76.25	15.76	30.33	10.64	311.3	33.35	4.06	206.3	
30/09/2024 23:00	11.67	4.22	117.22	15.68											



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/10/2024 00:00	11.51	5.22	115.74	15.65	11.93	2.13	75.03	15.68	30.47	13.82	306.5	31.79	5.67	199.95	
01/10/2024 00:05	11.31	4.84	113.75	15.65	12.49	2.52	73.42	15.7	29.94	12.82	301.17	33.39	6.73	196.33	
01/10/2024 00:10	11.13	5.02	115.38	15.64	12.34	2.6	73.67	15.7	29.41	13.26	305.05	33.02	6.94	197.05	
01/10/2024 00:15	11.33	5.25	114.91	15.65	11.65	2.4	76.63	15.7	30.03	13.9	304.42	31.13	6.42	204.69	
01/10/2024 00:20	11.15	4.95	113.61	15.66	12.26	2.74	74.62	15.71	29.56	13.12	301.09	32.83	7.34	199.8	
01/10/2024 00:25	11.06	5.19	114.58	15.66	12.28	2.74	74.59	15.71	29.36	13.79	304.13	32.89	7.33	199.75	
01/10/2024 00:30	11.37	5.38	114.57	15.67	11.74	2.58	75.46	15.71	30.19	14.29	304.35	31.45	6.9	202.08	
01/10/2024 00:35	11.18	5.04	112.42	15.67	12.23	2.85	73.38	15.73	29.71	13.39	298.81	32.86	7.67	197.17	
01/10/2024 00:40	10.95	5.3	114.28	15.68	12.3	2.86	73.53	15.73	29.17	14.12	304.45	33.06	7.69	197.68	
01/10/2024 00:45	11.3	5.48	114.62	15.68	11.65	2.54	75.78	15.73	30.07	14.57	305.01	31.34	6.83	203.75	
01/10/2024 00:50	11.2	4.95	112.41	15.69	12.27	2.64	72.85	15.76	29.9	13.2	300.03	33.18	7.14	197.03	
01/10/2024 00:55	11.12	4.81	114.01	15.72	12.31	2.64	72.61	15.76	29.81	12.89	305.71	33.31	7.15	196.45	
01/10/2024 01:00	11.34	4.85	114.49	15.72	11.81	1.89	74.06	15.75	30.43	13.01	307.06	31.89	5.09	199.92	
01/10/2024 01:05	11.27	4.43	112.79	15.7	12.37	2.1	72.87	15.75	30.14	11.85	301.74	33.4	5.67	196.69	
01/10/2024 01:10	11.32	4.41	114.39	15.68	12.39	2.11	72.52	15.75	30.16	11.77	304.85	33.41	5.69	195.54	
01/10/2024 01:15	11.68	4.5	114.83	15.68	11.96	1.46	74.06	15.71	31.14	11.99	306.03	32.05	3.92	198.41	
01/10/2024 01:20	11.5	4.01	112.59	15.67	12.71	1.68	72.79	15.71	30.57	10.65	299.22	34.07	4.5	195.08	
01/10/2024 01:25	11.38	4.09	113.81	15.64	12.84	1.66	72.59	15.71	30.11	10.83	301.01	34.4	4.44	194.46	
01/10/2024 01:30	11.62	4.2	114.38	15.64	12.02	1.22	74.57	15.67	30.69	11.1	302.13	31.92	3.25	198.02	
01/10/2024 01:35	11.5	3.82	112.53	15.63	12.71	1.48	73.38	15.68	30.37	10.07	297.02	33.81	3.93	195.22	
01/10/2024 01:40	11.5	3.87	113.03	15.62	12.81	1.47	73.56	15.67	30.27	10.17	297.43	34.05	3.91	195.52	
01/10/2024 01:45	11.83	3.89	112.67	15.6	12.27	0.91	72.91	15.64	31.05	10.2	295.68	32.45	2.4	192.77	
01/10/2024 01:50	11.66	3.48	110.76	15.59	12.81	1.21	70.96	15.64	30.53	9.12	289.96	33.83	3.19	187.38	
01/10/2024 01:55	11.67	3.67	112.27	15.56	12.67	1.2	71.19	15.63	30.38	9.56	292.34	33.43	3.18	187.81	
01/10/2024 02:00	11.97	3.86	112.6	15.55	12.21	1.04	73.51	15.59	31.12	10.02	292.72	31.95	2.72	192.28	
01/10/2024 02:05	11.68	3.6	110.9	15.54	12.77	1.55	74.13	15.58	30.31	9.33	287.8	33.36	4.06	193.72	
01/10/2024 02:10	11.42	4.07	113.41	15.53	12.95	1.61	74.94	15.58	29.58	10.53	293.63	33.84	4.21	195.78	
01/10/2024 02:15	11.6	4.18	112.59	15.54	12.01	1.4	74.32	15.57	30.05	10.83	291.78	31.34	3.65	193.93	
01/10/2024 02:20	11.42	4	110.98	15.54	12.48	1.72	72.2	15.59	29.61	10.36	287.71	32.66	4.5	188.89	
01/10/2024 02:25	11.11	4.43	114.32	15.55	12.47	1.64	71.63	15.59	28.84	11.49	296.89	32.63	4.3	187.46	
01/10/2024 02:30	11.2	4.6	114.21	15.56	11.65	1.57	73.24	15.59	29.13	11.96	297.14	30.52	4.1	191.87	
01/10/2024 02:35	11.12	4.3	113.19	15.56	12.37	2.07	72.11	15.6	28.94	11.2	294.49	32.45	5.42	189.13	
01/10/2024 02:40	11.16	4.68	114.49	15.57	12.47	2.11	72.27	15.6	29.1	12.2	298.58	32.7	5.53	189.53	
01/10/2024 02:45	11.14	4.88	113.62	15.58	11.67	1.9	73.76	15.61	29.11	12.74	296.77	30.67	5	193.84	
01/10/2024 02:50	11.05	4.65	111.98	15.58	12.17	2.32	72.85	15.63	28.88	12.15	292.63	32.11	6.13	192.22	
01/10/2024 02:55	11.07	4.94	114.75	15.59	12.16	2.34	72.64	15.63	28.95	12.92	300.13	32.08	6.19	191.7	
01/10/2024 03:00	11.54	5.09	113.76	15.6	11.73	2.21	74.27	15.64	30.29	13.37	298.61	30.99	5.85	196.11	
01/10/2024 03:05	11.32	4.72	111.44	15.61	12.22	2.63	72.77	15.65	29.71	12.39	292.57	32.37	6.96	192.78	
01/10/2024 03:10	11.03	5.11	114.4	15.61	12.28	2.64	72.58	15.66	28.96	13.43	300.49	32.55	7	192.39	
01/10/2024 03:15	11.27	5.17	113.25	15.62	11.53	2.39	74.16	15.66	29.66	13.6	298.15	30.58	6.34	196.59	
01/10/2024 03:20	10.95	4.94	113.08	15.62	12	2.88	73.92	15.67	28.81	13	297.5	31.91	7.67	196.63	
01/10/2024 03:25	10.9	5.36	114.82	15.63	11.86	2.95	74.17	15.67	28.76	14.13	302.92	31.52	7.85	197.14	
01/10/2024 03:30	11.13	5.62	115.76	15.65	11.33	2.55	74.98	15.68	29.44	14.87	306.22	30.18	6.78	199.74	
01/10/2024 03:35	10.95	5.16	113.9	15.65	11.93	2.83	73.19	15.71	29.02	13.67	301.71	31.96	7.58	196.07	
01/10/2024 03:40	10.8	5.09	115.83	15.67	12	2.81	72.55	15.71	28.73	13.53	308.06	32.16	7.54	194.45	
01/10/2024 03:45	10.78	5	114.35	15.68	11.61	2.13	75.12	15.72	28.71	13.3	304.49	31.14	5.72	201.4	
01/10/2024 03:50	10.78	4.66	112.89	15.67	12.03	2.19	74.39	15.72	28.66	12.38	300.02	32.26	5.88	199.44	
01/10/2024 03:55	10.98	4.59	115.23	15.67	11.92	2.17	74.52	15.72	29.17	12.19	306.18	31.97	5.83	199.85	
01/10/2024 04:00	11.42	4.84	115.92	15.68	11.55	1.56	75.1	15.72	30.42	12.9	308.9	30.96	4.18	201.32	
01/10/2024 04:05	11.24	4.36	113.16	15.67	12.31	1.79	73.64	15.7	29.89	11.59	300.95	32.91	4.79	196.88	
01/10/2024 04:10	11.33	4.17	113.01	15.64	12.39	1.77	73.56	15.7	29.96	11.02	298.77	33.12	4.72	196.64	
01/10/2024 04:15	11.53	4.36	114.24	15.62	11.94	1.24	72.56	15.67	30.36	11.47	300.73	31.74	3.29	192.87	
01/10/2024 04:20	11.32	3.98	112.91	15.62	12.5	1.54	72.25	15.66	29.78	10.47	297.08	33.13	4.09	191.56	
01/10/2024 04:25	11.29	4.04	114.14	15.6	12.36	1.59	72.73	15.65	29.59	10.58	299.14	32.69	4.22	192.4	
01/10/2024 04:30	11.49	4.17	114.17	15.59	11.93	1.02	72.99	15.63	30.08	10.91	298.9	31.45	2.69	192.34	
01/10/2024 04:35	11.41	3.76	111.66	15.59	12.57	1.28	72.21	15.63	29.84	9.84	292.06	33.16	3.38	190.49	
01/10/2024 04:40	11.5	3.79	112.71	15.58	12.52	1.31	72.38	15.63	30.01	9.9	294.23	33.02	3.46	190.94	
01/10/2024 04:45	11.77	4.01	113.77	15.57	11.93	0.98	74.55	15.61	30.72	10.45	296.8	31.34	2.58	195.84	
01/10/2024 04:50	11.6	3.67	111.24	15.56	12.56	1.26	72.07	15.61	30.21	9.57	289.72	32.97	3.32	189.22	
01/10/2024 04:55	11.46	3.72	112.67	15.55	12.69	1.33	71.45	15.6	29.8	9.66	292.88	33.28	3.49	187.45	
01/10/2024 05:00	11.82	3.74	111.51	15.56	11.87	0.68	74.23	15.58	30.74	9.73	290.15	31.03	1.78	194.07	
01/10/2024 05:05	11.59	3.5	111.7	15.55	12.44	1.2	73.38	15.59	30.11	9.1	290.21	32.58	3.14	192.19	
01/10/2024 05:10	11.43	3.62	112.57	15.54	12.36	1.25	73.34	15.59	29.66	9.39	291.98	32.37	3.28	192.07	
01/10/2024 05:15	11.62	3.86	113.28	15.54	11.83	0.74	73.42	15.57	30.13	10.02	293.72	30.88	1.93	191.59	
01/10/2024 05:20	11.5	3.57	111.19	15.53	12.38	1.11	73.44	15.57	29.77	9.24	287.94	32.3	2.9	191.63	
01/10/2024 05:25	11.32	3.69	114.24	15.52	12.44	1.13	73.72	15.57	29.23	9.52	295.09	32.42	2.93	192.15	
01/10/2024 05:30	11.38	3.97	115.57	15.5	11.99	0.82	74.3	15.55	29.32	10.23	297.75	31.14	2.12	192.86	
01/10/2024 05:35	11.35	3.5	112.77	15.51	12.23	0.92	73.21	15.56	29.28	9.02	290.79	31.87	2.4	190.7	
01/10/2024 05:40	11.43	3.63	113.96	15.51	12.11	0.83	72.95	15.56	29.48	9.35	293.83	31.54	2.16	189.99	
01/10/2024 05:45	11.49	3.7	113.27	15.5	12.06	0.73	74.37	15.54	29.61	9.53	291.77	31.25	1.9	192.69	
01/10/2024 05:50	11.43	3.44	112.93	15.5	12.58	1.07	72.72	15.55	29.43	8.87	290.7	32.65	2.77	188.84	
01/10/2024 05:55	11.44	3.6	114.55	15.49	12.61	1.08	72.72	15.55	29.38	9.23	294.13	32.74	2.8	188.82	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/10/2024 07:45	11.62	3.74	116.97	15.47	12.04	0.61	75.55	15.51	29.73	9.58	299.34	31.07	1.58	194.88	
01/10/2024 07:50	11.5	3.36	114.37	15.48	12.82	0.91	73.33	15.53	29.46	8.61	293	33.16	2.35	189.69	
01/10/2024 07:55	11.39	3.43	115.49	15.48	12.84	0.7	72.97	15.53	29.24	8.81	296.46	33.21	1.82	188.7	
01/10/2024 08:00	11.92	3.76	115.5	15.49	12.11	0.66	75.5	15.52	30.63	9.65	296.7	31.3	1.71	195.07	
01/10/2024 08:05	11.73	3.4	114.27	15.49	12.46	0.66	73.54	15.53	30.11	8.73	293.31	32.23	1.71	190.2	
01/10/2024 08:10	11.38	3.48	115.76	15.48	12.55	0.61	73.48	15.53	29.2	8.92	296.9	32.45	1.58	190.03	
01/10/2024 08:15	11.55	3.69	115.22	15.48	11.91	0.57	75.85	15.52	29.62	9.45	295.37	30.75	1.46	195.8	
01/10/2024 08:20	11.44	3.38	113.71	15.48	12.52	1	74.89	15.52	29.31	8.66	291.43	32.34	2.59	193.49	
01/10/2024 08:25	11.3	3.45	115.68	15.47	12.63	1.17	74.77	15.52	28.92	8.83	296.16	32.61	3.03	193.12	
01/10/2024 08:30	11.55	3.46	113.95	15.45	12.15	0.58	74.69	15.48	29.47	8.84	290.88	31.2	1.49	191.66	
01/10/2024 08:35	11.47	3.16	111.93	15.45	12.2	0.68	73.13	15.49	29.26	8.05	285.45	31.35	1.76	187.96	
01/10/2024 08:40	11.44	3.46	113.44	15.44	12.09	0.67	72.98	15.49	29.12	8.82	288.8	31.07	1.73	187.49	
01/10/2024 08:45	11.67	3.76	112.94	15.44	11.69	0.69	75.7	15.48	29.71	9.57	287.56	29.98	1.76	194.09	
01/10/2024 08:50	11.51	3.56	111.33	15.44	12.28	1.19	73.37	15.49	29.33	9.07	283.57	31.56	3.06	188.54	
01/10/2024 08:55	11.24	3.92	114	15.46	12.41	1.22	73.08	15.49	28.71	10.01	291.23	31.89	3.13	187.84	
01/10/2024 09:00	11.4	4.04	113.26	15.47	11.93	1.32	74.14	15.5	29.15	10.33	289.69	30.71	3.39	190.87	
01/10/2024 09:05	11.24	3.86	111.5	15.47	12.32	1.59	72.57	15.52	28.75	9.88	285.28	31.82	4.1	187.49	
01/10/2024 09:10	11.18	4.29	113.7	15.48	12.75	1.84	72.63	15.53	28.67	10.99	291.43	32.97	4.77	187.81	
01/10/2024 09:15	11.19	4.6	114.63	15.49	11.67	1.68	74.58	15.54	28.76	11.84	294.7	30.26	4.35	193.34	
01/10/2024 09:20	10.95	4.35	112.57	15.51	12.12	2.08	73.67	15.57	28.23	11.22	290.08	31.61	5.42	192.16	
01/10/2024 09:25	11.04	4.57	113.72	15.54	12.13	1.95	73.63	15.57	28.65	11.87	295.02	31.63	5.1	192.07	
01/10/2024 09:30	11.07	4.85	113.98	15.55	11.37	1.9	74.55	15.59	28.77	12.6	296.39	29.8	4.99	195.27	
01/10/2024 09:35	10.88	4.52	112.4	15.56	11.77	2.31	73.4	15.62	28.32	11.77	292.63	30.96	6.07	193.07	
01/10/2024 09:40	10.75	4.89	114.06	15.59	11.88	2.5	73.38	15.62	28.13	12.81	298.43	31.25	6.58	193.12	
01/10/2024 09:45	11.31	5.19	114.67	15.6	10.98	2.11	75.21	15.63	29.64	13.6	300.55	28.99	5.56	198.5	
01/10/2024 09:50	11.06	4.8	112.04	15.6	11.99	2.81	73.96	15.66	29.04	12.61	294.01	31.82	7.45	196.24	
01/10/2024 09:55	10.58	5.14	114.26	15.62	12.48	3.1	73.98	15.67	27.87	13.54	300.86	33.16	8.22	196.53	
01/10/2024 10:00	10.97	5.31	113.62	15.63	10.91	2.52	76.03	15.67	28.94	14	299.75	29.01	6.7	202.09	
01/10/2024 10:05	10.67	5	111.98	15.64	11.72	3.18	74.32	15.7	28.2	13.2	295.87	31.33	8.49	198.59	
01/10/2024 10:10	10.48	5.29	114.36	15.66	12.02	3.52	74.84	15.7	27.83	14.04	303.57	32.15	9.41	200.24	
01/10/2024 10:15	10.95	5.41	114.28	15.68	10.9	2.4	75.18	15.72	29.15	14.4	304.21	29.27	6.45	201.75	
01/10/2024 10:20	10.74	4.94	113.23	15.69	11.53	2.49	74.13	15.75	28.63	13.15	301.87	31.12	6.73	200.09	
01/10/2024 10:25	10.5	4.89	113.57	15.71	11.58	2.5	74.48	15.75	28.13	13.1	304.39	31.27	6.76	201.16	
01/10/2024 10:30	10.58	4.79	113.51	15.71	10.93	1.65	73.76	15.75	28.35	12.85	304.26	29.52	4.45	199.15	
01/10/2024 10:35	10.44	4.26	111.18	15.72	11.6	1.76	72.51	15.77	28	11.42	298.28	31.44	4.77	196.48	
01/10/2024 10:40	10.67	4.43	112.78	15.77	11.28	1.55	72.33	15.77	28.9	12	305.51	30.56	4.19	195.93	
01/10/2024 10:45	10.97	4.52	113.11	15.77	10.58	1.34	73.99	15.79	29.75	12.26	306.68	28.77	3.64	201.1	
01/10/2024 10:50	10.71	4.23	111.47	15.76	11.9	2.17	72.63	15.79	28.97	11.45	301.42	32.37	5.91	197.56	
01/10/2024 10:55	10.49	4.6	113.36	15.75	12.27	2.49	72.5	15.8	28.32	12.42	306.05	33.4	6.77	197.42	
01/10/2024 11:00	11.14	5.04	114.39	15.76	10.85	1.85	74.27	15.8	30.13	13.62	309.3	29.57	5.04	202.44	
01/10/2024 11:05	10.84	4.62	112.99	15.77	11.68	2.35	72.55	15.82	29.36	12.5	305.96	32	6.43	198.67	
01/10/2024 11:10	10.61	4.89	112.78	15.79	11.95	2.52	72.84	15.83	28.87	13.3	306.99	32.77	6.9	199.7	
01/10/2024 11:15	10.52	5.08	112.57	15.81	10.66	2.07	73.79	15.84	28.72	13.86	307.17	29.32	5.69	202.82	
01/10/2024 11:20	10.4	4.81	111.17	15.81	11.57	2.73	72.29	15.87	28.41	13.14	303.65	31.99	7.56	199.81	
01/10/2024 11:25	10.45	5.19	112.87	15.84	12.17	3.08	72.45	15.88	28.7	14.26	310.11	33.68	8.52	200.48	
01/10/2024 11:30	10.66	5.44	112.94	15.85	10.84	2.4	73.29	15.89	29.33	14.96	310.66	30.07	6.65	203.26	
01/10/2024 11:35	10.35	5.05	111.86	15.86	11.53	2.89	71.4	15.92	28.54	13.92	308.27	32.15	8.05	199.14	
01/10/2024 11:40	10.47	5.41	112.43	15.89	11.56	2.88	70.98	15.92	29.02	14.99	311.73	32.27	8.03	198.14	
01/10/2024 11:45	10.91	5.7	112.68	15.9	10.56	2.6	73.48	15.94	30.36	15.87	313.52	29.56	7.27	205.72	
01/10/2024 11:50	10.52	5.29	110.8	15.91	11.2	3.22	72.47	15.97	29.34	14.76	308.9	31.59	9.09	204.33	
01/10/2024 11:55	10.3	5.68	112.9	15.94	11.44	3.52	72.42	15.98	28.86	15.92	316.4	32.29	9.93	204.46	
01/10/2024 12:00	10.29	5.96	113.96	15.95	10.95	3.16	73.77	15.98	28.89	16.74	320.11	30.93	8.92	208.43	
01/10/2024 12:05	9.98	5.63	111.71	15.95	11.21	3.36	72.13	15.99	28.01	15.81	313.42	31.75	9.51	204.32	
01/10/2024 12:10	10.26	5.88	112.66	15.97	10.83	2.95	71.7	15.98	28.94	16.59	317.78	30.62	8.35	202.76	
01/10/2024 12:15	10.41	6.12	113.17	15.99	10.21	2.9	72.94	16.02	29.51	17.33	320.62	29.05	8.25	207.62	
01/10/2024 12:20	10.16	5.69	111.4	16	11.18	3.36	72.14	16.04	28.8	16.12	315.8	32.01	9.62	206.53	
01/10/2024 12:25	10.02	5.89	113.23	16.01	11.31	3.41	72.55	16.05	28.49	16.76	322.03	32.41	9.76	207.85	
01/10/2024 12:30	10.37	6.01	111.72	16.02	10.49	2.81	73.47	16.06	29.58	17.14	318.54	30.13	8.08	210.89	
01/10/2024 12:35	10.14	5.48	110.02	16.02	11.46	3.19	73	16.06	28.87	15.61	313.09	32.9	9.16	209.45	
01/10/2024 12:40	10.24	5.32	112.97	16.01	12.23	3.6	73.13	16.06	29.1	15.12	321.15	35.15	10.33	210.12	
01/10/2024 12:45	10.56	5.49	113.61	16.01	10.87	2.25	73.68	16.04	30.03	15.63	323.2	31.11	6.45	210.93	
01/10/2024 12:50	10.41	4.91	111.74	16.01	11.61	2.88	72.74	16.06	29.59	13.95	317.46	33.32	8.26	208.77	
01/10/2024 12:55	10.5	4.65	113.13	16	11.97	3.27	72.69	16.06	29.8	13.2	321.17	34.36	9.38	208.66	
01/10/2024 13:00	10.67	4.89	113.85	16	10.69	1.55	73.69	16.03	30.29	13.88	323.28	30.52	4.43	210.43	
01/10/2024 13:05	10.52	4.39	111.96	15.99	11.82	2.18	72.25	16.04	29.77	12.42	316.68	33.77	6.24	206.52	
01/10/2024 13:10	10.64	4.43	113.48	15.96	12.31	2.38	71.25	16.04	29.95	12.47	319.56	35.2	6.79	203.68	
01/10/2024 13:15	10.81	4.75	114.69	15.96	11.46	1.89	75.67	16	30.43	13.36	322.88	32.53	5.36	214.76	
01/10/2024 13:20	10.53	4.13	111.22	15.96	10.94	1.34	73.11	15.99	29.59	11.61	312.66	30.99	3.79	207.14	
01/10/2024 13:25	10.64	4.22	112.34	16.02	10.66	1.39	73.3	15.99	30.31	12.03	319.85	30.15	3.94	207.39	
01/10/2024 13:30	10.95	4.46	113.81	15.97	10.74	1.17	74.56	15.99	30.89	12.57	321.05	30.41	3.32	211.15	
01/10/2024 13:35	10.63	3.93	112.52	15.96	11.51	1.43	73.25	15.99	29.9	11.05	316.39	32.6	4.05	207.45	
01/10/2024 13:40	10.68	3.95	112.38	15.94	11.38	1.36	72.95	15.98	29.94	11.08	314.99	32.13	3.84	206.09	
01/10/2024 13															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/10/2024 15:30	11.42	3.81	113.55	15.87	11.15	0.54	73.74	15.9	31.56	10.53	313.8	30.99	1.51	204.92	
01/10/2024 15:35	11.09	3.32	111.82	15.87	12.14	0.74	71.12	15.91	30.63	9.17	308.69	33.83	2.06	198.16	
01/10/2024 15:40	11.05	3.49	112.76	15.86	12.08	0.69	71.31	15.91	30.47	9.62	311	33.66	1.92	198.75	
01/10/2024 15:45	10.98	3.76	113.89	15.87	11.09	0.57	75.45	15.89	30.32	10.39	314.46	30.8	1.58	209.42	
01/10/2024 15:50	10.78	3.35	112.67	15.86	11.8	0.86	74.01	15.9	29.73	9.23	310.63	32.82	2.39	205.79	
01/10/2024 15:55	10.86	3.47	114.47	15.85	11.89	0.8	73.28	15.9	29.88	9.53	314.85	33.05	2.22	203.66	
01/10/2024 16:00	11.22	3.72	114.76	15.84	11.05	0.56	75.51	15.87	30.83	10.21	315.28	30.54	1.56	208.7	
01/10/2024 16:05	10.84	3.31	114.2	15.83	11.87	0.93	74.71	15.88	29.75	9.08	313.21	32.82	2.56	206.66	
01/10/2024 16:10	10.89	3.65	116.02	15.82	11.97	0.89	74.48	15.87	29.82	9.99	317.63	33.09	2.46	205.91	
01/10/2024 16:15	11.43	3.79	115.55	15.83	11.06	0.6	76.79	15.86	31.33	10.38	316.58	30.5	1.66	211.61	
01/10/2024 16:20	11.06	3.34	113.65	15.82	11.87	0.85	74.57	15.86	30.26	9.15	310.87	32.77	2.35	205.83	
01/10/2024 16:25	10.91	3.61	116.97	15.82	11.97	0.86	74.52	15.86	29.82	9.88	319.87	33.03	2.37	205.61	
01/10/2024 16:30	11.14	3.82	116.99	15.82	11.01	0.54	78.17	15.9	30.47	10.44	319.92	30.63	1.5	217.45	
01/10/2024 16:35	10.83	3.39	115.18	15.82	11.3	0.7	75.96	15.87	29.6	9.27	314.92	31.21	1.94	209.83	
01/10/2024 16:40	10.77	3.9	117.42	15.81	11.19	0.7	75.86	15.87	29.41	10.65	320.74	30.9	1.94	209.51	
01/10/2024 16:45	10.9	4.15	118.09	15.8	11.03	1	77.83	15.85	29.72	11.31	322.06	30.35	2.74	213.98	
01/10/2024 16:50	10.57	3.75	116.67	15.81	11.44	1.42	76.64	15.86	28.84	10.24	318.4	31.55	3.92	211.39	
01/10/2024 16:55	10.65	4.2	117.08	15.82	11.28	1.33	76.39	15.86	29.16	11.5	320.41	31.11	3.66	210.65	
01/10/2024 17:00	10.82	4.52	117.39	15.82	10.74	1.56	79.04	15.86	29.6	12.37	321.04	29.65	4.29	218.07	
01/10/2024 17:05	10.46	4.2	116.27	15.82	11.21	1.78	76.83	15.88	28.63	11.5	318.38	31.05	4.93	212.91	
01/10/2024 17:10	10.6	4.68	117.32	15.85	10.86	1.39	76.66	15.88	29.2	12.9	323.18	30.08	3.85	212.31	
01/10/2024 17:15	10.93	5.03	118.14	15.86	10.79	1.88	78.04	15.91	30.17	13.9	326.1	30.04	5.24	217.16	
01/10/2024 17:20	11	4.42	113.62	15.85	11.55	2.49	76.2	15.93	30.26	12.17	312.71	32.27	6.95	212.92	
01/10/2024 17:25	11.46	4.28	110.58	15.85	11.84	2.6	76	15.92	31.53	11.79	304.39	33.08	7.25	212.28	
01/10/2024 17:30	11.6	4.58	110.6	15.87	10.86	2.22	77.45	15.94	32.04	12.65	305.55	30.41	6.2	216.89	
01/10/2024 17:35	11.15	4.21	109.58	15.87	11.1	2.49	76.72	15.95	30.79	11.62	302.5	31.16	7	215.43	
01/10/2024 17:40	11.1	4.66	111.67	15.87	10.83	2.34	76.61	15.95	30.67	12.88	308.63	30.42	6.59	215.19	
01/10/2024 17:45	11.49	4.94	110.98	15.88	10.25	2.37	78.42	15.97	31.83	13.69	307.47	28.9	6.69	220.93	
01/10/2024 17:50	11.02	4.76	110.55	15.9	11.47	2.74	71.12	15.97	30.66	13.24	307.55	32.3	7.72	200.38	
01/10/2024 17:55	10.23	5.44	116.99	15.95	12.28	3.2	69.83	15.97	28.74	15.28	328.57	34.61	9.03	196.77	
01/10/2024 18:00	10.24	5.76	117.18	15.96	11.28	2.44	71.29	15.97	28.78	16.19	329.46	31.81	6.88	201.03	
01/10/2024 18:05	10.14	5.36	115.48	15.96	11.73	2.46	67.81	15.99	28.53	15.09	324.92	33.19	6.96	191.82	
01/10/2024 18:10	10.31	5.49	116.03	15.98	12.25	2.8	68.19	15.99	29.14	15.52	328.08	34.71	7.93	193.18	
01/10/2024 18:15	10.94	5.52	113.63	15.99	11.05	1.71	66.75	15.99	30.96	15.61	321.41	31.29	4.86	188.91	
01/10/2024 18:20	10.52	4.76	110.57	15.98	11.54	2.03	68.38	16.02	29.72	13.46	312.4	32.87	5.77	194.73	
01/10/2024 18:25	10.58	4.75	112.79	15.97	11.03	2.03	70.03	16.02	29.84	13.39	318.17	31.44	5.79	199.61	
01/10/2024 18:30	10.78	4.78	112.24	15.97	11.09	1.64	72.21	16	30.42	13.48	316.59	31.49	4.66	205.01	
01/10/2024 18:35	10.66	4.26	110.91	15.96	11.97	2.03	70.72	16.01	30	12	311.97	33.99	5.77	200.83	
01/10/2024 18:40	10.8	4.44	114.34	15.94	12.3	2.05	70.53	16.01	30.25	12.43	320.31	34.93	5.82	200.33	
01/10/2024 18:45	10.95	4.68	115.16	15.93	11.73	1.29	70.83	15.97	30.66	13.09	322.35	33.05	3.63	199.5	
01/10/2024 18:50	10.99	4.12	112.31	15.92	12.8	1.59	68.05	15.97	30.71	11.52	313.69	36.07	4.47	191.75	
01/10/2024 18:55	11.02	4.12	114.44	15.9	12.98	1.64	68.02	15.97	30.62	11.46	318.01	36.58	4.62	191.6	
01/10/2024 19:00	10.98	4.1	114.29	15.88	11.9	1.21	70.88	15.94	30.39	11.35	316.34	33.33	3.39	198.43	
01/10/2024 19:05	10.88	3.79	113.13	15.87	12.92	1.6	69.92	15.93	30.08	10.48	312.67	36.1	4.46	195.44	
01/10/2024 19:10	10.78	4.01	114.84	15.85	12.98	1.67	70.13	15.92	29.65	11.02	315.9	36.27	4.67	195.87	
01/10/2024 19:15	10.75	4.23	115.43	15.84	12.18	1.32	71.57	15.87	29.52	11.63	317.04	33.68	3.64	197.9	
01/10/2024 19:20	10.81	3.79	113.19	15.83	12.05	1.19	70.31	15.87	29.62	10.39	310.18	33.28	3.28	194.1	
01/10/2024 19:25	10.94	4.02	116.12	15.81	12.42	1.5	70.2	15.87	29.86	10.98	316.81	34.3	4.14	193.83	
01/10/2024 19:30	10.83	4.32	116.8	15.8	11.69	1.04	72.55	15.84	29.54	11.78	318.54	32.1	2.85	199.14	
01/10/2024 19:35	10.85	3.85	114.43	15.79	12.54	1.35	70.95	15.84	29.52	10.47	311.43	34.41	3.7	194.73	
01/10/2024 19:40	10.96	3.95	116.48	15.78	12.67	1.36	71.45	15.83	29.73	10.71	315.94	34.76	3.73	196.01	
01/10/2024 19:45	11.21	4.05	115.92	15.77	11.71	0.9	72.47	15.8	30.38	10.98	314.31	31.96	2.47	197.65	
01/10/2024 19:50	11.02	3.67	113.93	15.76	12.16	1.11	70.58	15.8	29.81	9.92	308.04	33.16	3.04	192.5	
01/10/2024 19:55	10.83	3.88	116.1	15.75	12	1.16	70.61	15.8	29.21	10.47	313.15	32.73	3.15	192.56	
01/10/2024 20:00	11.41	4.01	116.19	15.74	11.83	0.76	71.43	15.78	30.76	10.79	313.13	32.1	2.06	193.8	
01/10/2024 20:05	11.28	3.65	113.43	15.73	12.57	1.07	70	15.77	30.35	9.83	305.25	34.08	2.9	189.81	
01/10/2024 20:10	11	3.77	115.51	15.72	12.66	1.08	70.14	15.77	29.51	10.12	309.94	34.32	2.92	190.18	
01/10/2024 20:15	11.18	4	116.04	15.72	11.61	0.58	71.67	15.74	29.99	10.72	311.34	31.28	1.56	193.08	
01/10/2024 20:20	11.11	3.63	114.08	15.71	12.46	0.94	70.45	15.75	29.76	9.72	305.52	33.6	2.53	190.01	
01/10/2024 20:25	11.13	3.77	114.85	15.69	12.72	0.94	70.55	15.75	29.68	10.07	306.3	34.32	2.53	190.35	
01/10/2024 20:30	11.06	4.15	115.86	15.68	11.53	0.91	72.28	15.72	29.44	11.06	308.53	30.93	2.43	193.89	
01/10/2024 20:35	10.98	3.86	113.86	15.68	12.38	1.39	70.92	15.74	29.27	10.29	303.34	33.34	3.74	190.98	
01/10/2024 20:40	11.13	4.15	114.77	15.7	12.86	1.7	71.34	15.74	29.72	11.09	306.56	34.67	4.59	192.33	
01/10/2024 20:45	11.51	4.28	113.14	15.72	11.77	1.28	71.05	15.75	30.86	11.48	303.36	31.75	3.45	191.58	
01/10/2024 20:50	11.24	4.05	111.65	15.71	12.59	1.82	68.68	15.76	30.11	10.85	298.91	34.05	4.93	185.8	
01/10/2024 20:55	11.02	4.43	114.38	15.7	12.7	2.06	68.67	15.76	29.47	11.86	305.85	34.38	5.58	185.85	
01/10/2024 21:00	11.06	4.7	115.82	15.71	11.66	1.63	71.51	15.75	29.63	12.58	310.24	31.48	4.41	193.03	
01/10/2024 21:05	10.89	4.43	113.42	15.72	12.21	1.97	69.75	15.81	29.22	11.9	304.44	33.34	5.39	190.38	
01/10/2024 21:10	10.85	4.86	115.43	15.74	12.02	1.89	69.67	15.8	29.24	13.1	311.07	32.73	5.15	189.77	
01/10/2024 21:15	11.11	5.09	115.75	15.75	11.74	1.99	71.37	15.79	29.96	13.72	312.31	31.95	5.41	194.16	
01/10/2024 21:20	10.84	4.77	114.53	15.75	12.42	2.5	70.13	15.8	29.25	12.86	308.98	33.87	6.81	191.3	
01/10/2024 21:25	10.55	5.14	116.12	15.76	12.5	2.6	70.77	15.81	28.53	13.91	314.04	34.11	7.08	193.11	
01/10/2															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/10/2024 23:15	10.84	4.15	114.15	15.67	11.52	1.06	71.12	15.71	28.8	11.02	303.31	30.84	2.84	190.35	
01/10/2024 23:20	10.8	3.87	112.1	15.66	12.42	1.55	70.75	15.71	28.67	10.27	297.5	33.25	4.14	189.44	
01/10/2024 23:25	10.91	4.03	115.26	15.67	12.81	1.78	71.13	15.71	28.97	10.72	306.11	34.33	4.78	190.58	
01/10/2024 23:30	11.06	4.21	115.91	15.65	11.49	1.12	73.28	15.69	29.27	11.14	306.76	30.63	2.99	195.3	
01/10/2024 23:35	10.89	3.83	113.91	15.65	11.84	1.17	71.47	15.7	28.83	10.13	301.37	31.64	3.13	191.02	
01/10/2024 23:40	11.01	4.02	115.33	15.65	12.05	1.2	71.09	15.7	29.15	10.63	305.41	32.2	3.22	190.04	
01/10/2024 23:45	11.46	4.1	114.41	15.66	11.57	0.92	72.51	15.69	30.38	10.87	303.26	30.85	2.46	193.34	
01/10/2024 23:50	11.2	3.76	113.03	15.65	12.23	1.31	71.35	15.7	29.67	9.97	299.42	32.67	3.5	190.63	
01/10/2024 23:55	10.9	3.94	115.93	15.65	12.34	1.42	71.88	15.7	28.84	10.42	306.73	32.98	3.8	192.01	
02/10/2024 00:00	11.31	4.1	115.19	15.64	11.67	0.88	71.9	15.67	29.9	10.85	304.61	31.03	2.33	191.25	
02/10/2024 00:05	11.2	3.69	113.42	15.64	12.11	1.02	70.51	15.68	29.59	9.76	299.65	32.27	2.71	187.89	
02/10/2024 00:10	11.16	3.84	114.38	15.63	12.06	1.06	71.13	15.69	29.47	10.14	301.95	32.18	2.84	189.72	
02/10/2024 00:15	11.42	4.05	115.19	15.64	11.79	0.95	73.04	15.67	30.18	10.7	304.33	31.34	2.53	194.09	
02/10/2024 00:20	11.24	3.67	113.68	15.63	12.45	1.23	71.26	15.67	29.65	9.69	299.85	33.1	3.28	189.43	
02/10/2024 00:25	11.17	3.8	114.42	15.61	12.52	1.19	71.03	15.67	29.36	9.97	300.56	33.25	3.16	188.68	
02/10/2024 00:30	11.29	3.99	114.62	15.6	11.79	0.93	72.78	15.64	29.59	10.45	300.44	31.19	2.46	192.42	
02/10/2024 00:35	11.22	3.66	112.27	15.6	12.58	1.15	70.62	15.66	29.43	9.6	294.45	33.37	3.06	187.32	
02/10/2024 00:40	11.15	3.79	114.84	15.61	12.61	1.16	70.56	15.66	29.29	9.97	301.69	33.47	3.07	187.32	
02/10/2024 00:45	11.49	4.18	115.7	15.61	11.9	0.94	72.61	15.64	30.16	10.97	303.8	31.48	2.48	191.94	
02/10/2024 00:50	11.4	3.8	113.71	15.62	12.57	1.13	70.62	15.7	30.01	9.98	299.17	33.57	3.01	188.66	
02/10/2024 00:55	11.11	3.78	114.94	15.6	12.53	1.08	70.45	15.76	29.15	9.91	301.72	33.87	2.92	190.44	
02/10/2024 01:00	11.31	3.93	114.33	15.6	11.97	0.93	73.45	15.64	29.63	10.3	299.56	31.65	2.46	194.02	
02/10/2024 01:05	11.25	3.55	113	15.59	12.65	1.19	71.44	15.64	29.45	9.29	295.78	33.4	3.14	188.63	
02/10/2024 01:10	11.22	3.66	114.19	15.58	12.56	1.33	72.23	15.64	29.33	9.57	298.5	33.18	3.51	190.79	
02/10/2024 01:15	11.83	3.86	114.16	15.58	12.19	0.76	73.02	15.62	30.93	10.1	298.45	32.1	2	192.25	
02/10/2024 01:20	11.61	3.53	112.19	15.57	12.53	1.03	70.64	15.62	30.32	9.22	292.82	33	2.71	185.99	
02/10/2024 01:25	11.34	3.63	114.07	15.56	12.48	1.03	70.53	15.62	29.53	9.45	297.08	32.86	2.72	185.63	
02/10/2024 01:30	11.55	3.74	113.62	15.57	12.06	0.73	72.86	15.61	30.11	9.75	296.31	31.68	1.91	191.37	
02/10/2024 01:35	11.47	3.44	111.69	15.57	12.61	0.96	70.29	15.61	29.9	8.96	291.01	33.17	2.52	184.86	
02/10/2024 01:40	11.49	3.57	113.41	15.56	12.52	0.89	69.91	15.61	29.91	9.29	295.34	32.9	2.34	183.77	
02/10/2024 01:45	11.69	3.64	112.72	15.57	12.21	0.71	71.93	15.61	30.47	9.48	293.8	32.09	1.87	188.94	
02/10/2024 01:50	11.49	3.32	111.28	15.56	12.4	0.95	70.61	15.62	29.94	8.65	289.83	32.63	2.51	185.84	
02/10/2024 01:55	11.36	3.5	113.45	15.56	12.22	1.08	71.17	15.62	29.55	9.11	295.18	32.17	2.84	187.38	
02/10/2024 02:00	11.8	3.8	114.34	15.54	12.24	0.69	71.53	15.59	30.63	9.86	296.72	32.03	1.82	187.13	
02/10/2024 02:05	11.61	3.53	113.99	15.55	12.62	0.97	70.42	15.61	30.16	9.16	296.04	33.17	2.54	185.04	
02/10/2024 02:10	11.42	3.71	114.24	15.56	12.56	0.97	70.28	15.61	29.75	9.65	297.46	33.01	2.55	184.65	
02/10/2024 02:15	11.58	3.89	115.08	15.56	12	0.91	72.27	15.61	30.16	10.12	299.63	31.51	2.39	189.81	
02/10/2024 02:20	11.54	3.73	112.87	15.56	12.68	1.31	69.77	15.62	30.04	9.7	293.87	33.38	3.44	183.66	
02/10/2024 02:25	11.14	4.04	114.83	15.56	12.8	1.38	70.05	15.62	28.98	10.52	298.68	33.69	3.62	184.41	
02/10/2024 02:30	11.66	4.22	114.06	15.57	12.1	1.21	71.78	15.63	30.38	10.99	297.28	31.93	3.18	189.37	
02/10/2024 02:35	11.47	3.99	113.12	15.57	12.54	1.7	70.43	15.65	29.93	10.41	295.2	33.17	4.49	186.33	
02/10/2024 02:40	11.28	4.34	113.9	15.6	12.48	1.81	70.17	15.65	29.58	11.38	298.6	33.03	4.8	185.68	
02/10/2024 02:45	11.5	4.67	115.66	15.6	11.97	1.65	72.47	15.64	30.16	12.25	303.16	31.66	4.35	191.54	
02/10/2024 02:50	11.39	4.4	113.14	15.59	12.62	2	69.89	15.65	29.85	11.54	296.39	33.38	5.28	184.91	
02/10/2024 02:55	11.05	4.79	115.01	15.61	12.88	1.97	69.25	15.64	29.03	12.57	302.07	34.03	5.21	183.02	
02/10/2024 03:00	11.16	4.97	115.05	15.62	11.66	1.89	72.68	15.65	29.37	13.08	302.79	30.86	4.99	192.38	
02/10/2024 03:05	11.01	4.64	112.79	15.62	12.18	2.38	71.82	15.67	28.96	12.2	296.75	32.35	6.33	190.81	
02/10/2024 03:10	11.09	4.88	113.28	15.63	12.25	2.41	71.7	15.67	29.26	12.88	298.84	32.55	6.4	190.52	
02/10/2024 03:15	11.3	5.06	113.22	15.65	11.82	2.15	71.09	15.69	29.91	13.4	299.56	31.51	5.73	189.46	
02/10/2024 03:20	11.12	4.81	113	15.65	12.26	2.58	70.44	15.71	29.44	12.73	299.18	32.83	6.91	188.65	
02/10/2024 03:25	10.82	5.13	114.49	15.67	12.17	2.67	71.23	15.71	28.77	13.64	304.34	32.61	7.16	190.87	
02/10/2024 03:30	10.96	5.37	115.27	15.68	11.61	2.39	71.58	15.72	29.17	14.29	306.84	31.15	6.42	192.09	
02/10/2024 03:35	10.89	5.08	113.55	15.68	12.25	2.73	69.77	15.72	28.99	13.52	302.27	32.9	7.33	187.36	
02/10/2024 03:40	10.86	5.31	113.87	15.69	12.14	2.74	69.94	15.73	29	14.17	303.93	32.64	7.35	188.02	
02/10/2024 03:45	10.94	5.58	114.29	15.7	11.71	2.56	72.47	15.74	29.25	14.92	305.67	31.54	6.9	195.19	
02/10/2024 03:50	10.93	5.16	112.35	15.7	12.36	2.84	70.68	15.75	29.25	13.81	300.49	33.38	7.66	190.94	
02/10/2024 03:55	10.87	5.06	114.06	15.71	12.39	3	71.06	15.76	29.1	13.54	305.39	33.48	8.11	192.03	
02/10/2024 04:00	11.08	4.98	113.69	15.71	11.88	1.99	73.05	15.74	29.68	13.35	304.55	31.99	5.35	196.63	
02/10/2024 04:05	11.03	4.56	112.01	15.7	12.53	2.15	69.78	15.73	29.46	12.19	299.13	33.69	5.77	187.6	
02/10/2024 04:10	10.97	4.61	114.2	15.71	12.67	2.09	69.02	15.73	29.4	12.35	306.09	34.04	5.63	185.38	
02/10/2024 04:15	11.13	4.71	114.33	15.72	11.94	1.64	72.05	15.73	29.86	12.63	306.79	32.07	4.4	193.58	
02/10/2024 04:20	11.07	4.31	113.21	15.69	12.7	1.8	69.64	15.72	29.57	11.53	302.25	34.06	4.83	186.84	
02/10/2024 04:25	11.18	4.27	113.53	15.65	12.61	1.88	70.73	15.71	29.6	11.3	300.7	33.77	5.02	189.42	
02/10/2024 04:30	11.4	4.48	114.49	15.64	12.1	1.42	71.74	15.68	30.13	11.84	302.5	32.19	3.78	190.9	
02/10/2024 04:35	11.41	4.1	112.29	15.63	12.65	1.67	70.74	15.68	30.09	10.81	296.2	33.67	4.44	188.26	
02/10/2024 04:40	11.25	4.11	113.45	15.62	12.53	1.66	70.98	15.68	29.63	10.82	298.72	33.35	4.41	188.9	
02/10/2024 04:45	11.39	4.2	114.01	15.62	12.14	1.26	71.66	15.66	30	11.07	300.25	32.2	3.35	190.04	
02/10/2024 04:50	11.36	3.91	112.46	15.61	12.57	1.49	70.69	15.66	29.89	10.29	295.72	33.35	3.95	187.49	
02/10/2024 04:55	11.39	4	113.62	15.6	12.5	1.49	70.98	15.66	29.91	10.51	298.21	33.13	3.94	188.16	
02/10/2024 05:00	11.64	4.09	112.29	15.61	12	1.04	71.74	15.64	30.56	10.75	294.92	31.69	2.74	189.43	
02/10/2024 05:05	11.58	3.71	110.45	15.6	12.83	1.3	69.77	15.64	30.37	9.73	289.57	33.89	3.44	184.29	
02/10/2024 05:10	11.38	3.91	113.45	15.58	12.97	1.28	69.89	15.64	29.73	10.21	296.33	34.25	3.39	184.6	
02/10/2024															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@ck1	SO2@ck1	CO@ck2	NOx@ck2	SO2@ck2	CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
02/10/2024 07:00	11.9	3.76	113.4	15.52	12.11	0.7	72.15	15.56	30.75	9.72	293.08	31.52	1.82	187.67
02/10/2024 07:05	11.74	3.45	111.05	15.52	12.78	0.95	70.6	15.57	30.35	8.92	287	33.32	2.49	184.11
02/10/2024 07:10	11.46	3.49	112.89	15.51	12.78	0.95	70.5	15.57	29.58	9	291.37	33.33	2.49	183.87
02/10/2024 07:15	11.79	3.7	112.24	15.51	12.11	0.71	72.19	15.55	30.41	9.53	289.49	31.47	1.85	187.51
02/10/2024 07:20	11.67	3.38	110.1	15.51	12.64	0.93	71.22	15.56	30.13	8.73	284.14	32.87	2.41	185.27
02/10/2024 07:25	11.43	3.44	112.88	15.52	12.64	0.92	71.52	15.56	29.53	8.89	291.64	32.89	2.4	186.08
02/10/2024 07:30	11.73	3.75	113.93	15.53	12.14	0.69	72.98	15.55	30.33	9.71	294.63	31.56	1.79	189.63
02/10/2024 07:35	11.58	3.4	111.81	15.52	12.58	0.9	71.7	15.56	29.93	8.78	288.83	32.73	2.35	186.6
02/10/2024 07:40	11.46	3.44	112.62	15.5	12.53	0.94	71.75	15.56	29.53	8.86	290.03	32.61	2.44	186.69
02/10/2024 07:45	11.68	3.6	112.34	15.51	11.93	0.64	72.78	15.54	30.13	9.29	289.74	30.93	1.65	188.65
02/10/2024 07:50	11.62	3.32	109.97	15.52	12.54	0.8	71.51	15.59	30.05	8.59	284.36	32.82	2.09	187.14
02/10/2024 07:55	11.48	3.39	112.18	15.53	12.67	0.97	72.13	15.61	29.7	8.78	290.23	33.28	2.55	189.44
02/10/2024 08:00	11.75	3.55	112.15	15.51	12.09	0.62	72.75	15.54	30.28	9.15	289.07	31.36	1.59	188.64
02/10/2024 08:05	11.54	3.28	110.04	15.5	12.33	0.83	71.91	15.55	29.74	8.44	283.44	32.04	2.15	186.82
02/10/2024 08:10	11.41	3.37	111.76	15.5	12	0.78	72.19	15.55	29.4	8.67	287.89	31.17	2.03	187.5
02/10/2024 08:15	11.61	3.41	111.7	15.5	11.73	0.61	72.54	15.54	29.91	8.8	287.8	30.41	1.58	187.98
02/10/2024 08:20	11.53	3.19	108.9	15.51	12.36	0.83	71.38	15.55	29.71	8.21	280.61	32.1	2.16	185.43
02/10/2024 08:25	11.46	3.31	111.43	15.51	12.2	0.89	70.98	15.55	29.57	8.54	287.56	31.71	2.32	184.43
02/10/2024 08:30	11.6	3.61	111.9	15.52	11.98	0.85	72.9	15.55	29.96	9.32	289.05	31.13	2.21	189.44
02/10/2024 08:35	11.41	3.34	110.15	15.52	12.3	0.93	71.08	15.56	29.47	8.61	284.53	32.02	2.42	185.07
02/10/2024 08:40	11.26	3.71	111.42	15.53	12.19	0.81	70.59	15.56	29.14	9.61	288.43	31.73	2.12	183.79
02/10/2024 08:45	11.49	3.96	111.73	15.54	11.67	0.92	72.01	15.57	29.79	10.27	289.78	30.43	2.4	187.74
02/10/2024 08:50	11.41	3.72	109.58	15.54	12.34	1.5	70.63	15.59	29.61	9.64	284.35	32.29	3.93	184.78
02/10/2024 08:55	11.25	4.08	110.9	15.56	12.39	1.67	70.64	15.59	29.25	10.6	288.42	32.45	4.38	184.99
02/10/2024 09:00	11.77	4.42	111.52	15.56	11.93	1.55	71.77	15.6	30.64	11.52	290.34	31.29	4.06	188.18
02/10/2024 09:05	11.48	4.04	108.6	15.57	12.18	1.76	70.16	15.62	29.94	10.54	283.22	32.07	4.62	184.68
02/10/2024 09:10	11.12	4.45	111.27	15.6	11.89	1.67	69.77	15.62	29.15	11.67	291.65	31.3	4.4	183.67
02/10/2024 09:15	11.51	4.64	110.58	15.6	11.59	1.77	71.78	15.63	30.21	12.16	290.16	30.6	4.67	189.48
02/10/2024 09:20	11.19	4.34	109.12	15.61	12.04	2.16	70.79	15.67	29.43	11.4	286.94	31.98	5.73	188.03
02/10/2024 09:25	11.03	4.69	111.16	15.64	12.02	2.17	70.83	15.67	29.16	12.4	293.85	31.95	5.78	188.31
02/10/2024 09:30	11.04	4.93	111.86	15.65	11.32	1.94	72.21	15.68	29.25	13.07	296.42	30.15	5.16	192.36
02/10/2024 09:35	10.84	4.67	109.99	15.66	12.12	2.57	70.66	15.71	28.75	12.39	291.62	32.43	6.88	189.09
02/10/2024 09:40	10.83	5.01	111.38	15.68	12.41	2.75	70.67	15.71	28.83	13.32	296.33	33.23	7.37	189.31
02/10/2024 09:45	11.21	5.23	111.58	15.69	11.26	2.28	71.63	15.73	29.91	13.96	297.8	30.26	6.13	192.39
02/10/2024 09:50	10.85	4.92	109.89	15.7	11.94	2.68	70.6	15.75	29.01	13.14	293.68	32.2	7.23	190.44
02/10/2024 09:55	10.74	5.21	111.37	15.72	12.11	2.77	70.89	15.75	28.83	13.98	298.82	32.68	7.47	191.34
02/10/2024 10:00	10.98	5.55	111.57	15.73	11.23	2.53	71.74	15.76	29.53	14.92	299.95	30.39	6.85	194.04
02/10/2024 10:05	10.66	5.16	109.41	15.73	11.7	2.67	70.1	15.78	28.67	13.86	294.14	31.78	7.27	190.44
02/10/2024 10:10	10.56	5.11	111.55	15.74	11.83	2.6	70	15.78	28.47	13.78	300.75	32.14	7.05	190.2
02/10/2024 10:15	10.8	5.3	112.06	15.76	11.15	2.19	71.37	15.79	29.19	14.34	302.98	30.31	5.96	194.05
02/10/2024 10:20	10.76	4.78	110.31	15.76	12.16	2.54	69.55	15.81	29.08	12.94	298.21	33.19	6.93	189.79
02/10/2024 10:25	10.71	4.6	111.28	15.77	12.58	2.8	69.55	15.81	29	12.47	301.36	34.33	7.64	189.84
02/10/2024 10:30	11.13	4.71	110.87	15.77	11.61	1.89	71.28	15.8	30.16	12.76	300.61	31.63	5.16	194.08
02/10/2024 10:35	11.06	4.3	109.07	15.78	11.92	1.8	68.96	15.78	30.05	11.69	296.29	32.38	4.89	187.34
02/10/2024 10:40	10.93	4.26	110.83	15.76	12.53	2.38	69.03	15.79	29.59	11.53	299.9	34.08	6.46	187.74
02/10/2024 10:45	11.23	4.26	110.23	15.76	11.23	1.19	70.29	15.79	30.34	11.5	297.94	30.53	3.24	191.03
02/10/2024 10:50	11.15	3.92	108.66	15.75	12.42	1.77	68.74	15.79	30.1	10.57	293.24	33.76	4.82	186.93
02/10/2024 10:55	11.05	3.98	110.3	15.75	12.67	2.11	68.88	15.78	29.8	10.74	297.5	34.43	5.73	187.14
02/10/2024 11:00	11.85	4.16	111.26	15.75	11.44	0.97	69.66	15.76	32.01	11.25	300.56	30.95	2.64	188.45
02/10/2024 11:05	11.5	3.78	109.45	15.74	12.24	1.28	68.73	15.76	30.99	10.18	294.88	33.13	3.46	186
02/10/2024 11:10	11.16	3.91	110.77	15.73	12.22	1.08	68.67	15.76	29.98	10.5	297.65	33.04	2.92	185.69
02/10/2024 11:15	11.19	4.18	111.56	15.74	11.64	0.98	70.58	15.76	30.14	11.26	300.45	31.5	2.65	190.91
02/10/2024 11:20	11.04	3.65	109.25	15.74	12.07	1.02	68.99	15.78	29.72	9.81	294.01	32.75	2.76	187.16
02/10/2024 11:25	11.18	3.79	111.32	15.73	11.91	0.81	68.83	15.78	30.07	10.19	299.34	32.29	2.2	186.68
02/10/2024 11:30	11.28	4.11	112.97	15.73	11.67	0.98	71.08	15.75	30.32	11.06	303.78	31.53	2.65	192.01
02/10/2024 11:35	11.12	3.7	109.97	15.72	12.07	1.08	69.46	15.75	29.86	9.94	295.36	32.58	2.9	187.52
02/10/2024 11:40	11.1	3.78	111.89	15.71	12.22	1.11	69.28	15.76	29.73	10.13	299.74	33.02	3	187.22
02/10/2024 11:45	11.33	4.08	113.21	15.71	11.54	0.82	70.89	15.73	30.37	10.94	303.34	31.07	2.2	190.76
02/10/2024 11:50	11.15	3.63	110.62	15.72	11.93	0.87	70.54	15.76	29.89	9.74	296.57	32.29	2.36	190.92
02/10/2024 11:55	11.16	3.64	111.71	15.7	11.63	0.5	70.09	15.76	29.85	9.72	298.71	31.42	1.35	189.47
02/10/2024 12:00	11.46	3.8	111.14	15.69	11.7	0.78	70.31	15.72	30.6	10.14	296.73	31.4	2.1	188.68
02/10/2024 12:05	11.39	3.37	108.85	15.69	12.74	1.15	68.76	15.72	30.4	8.98	290.43	34.2	3.08	184.63
02/10/2024 12:10	11.29	3.56	110.86	15.69	13.3	1.63	69.17	15.73	30.12	9.5	295.87	35.75	4.37	185.96
02/10/2024 12:15	11.7	3.69	110.06	15.7	12.23	0.89	70.55	15.73	31.27	9.85	294.21	32.89	2.39	189.61
02/10/2024 12:20	11.44	3.28	108.36	15.69	12.62	1	69.91	15.73	30.55	8.75	289.27	33.97	2.69	188.11
02/10/2024 12:25	11.3	3.48	110.49	15.69	12.78	0.95	69.53	15.73	30.18	9.3	295.02	34.39	2.57	187.1
02/10/2024 12:30	11.5	3.67	110.77	15.7	11.46	0.47	70.18	15.72	30.76	9.82	296.18	30.77	1.25	188.38
02/10/2024 12:35	11.3	3.34	109.13	15.7	12.56	1.11	68.97	15.74	30.21	8.92	291.68	33.81	2.99	185.61
02/10/2024 12:40	11.25	3.49	110.76	15.7	12.5	1.19	69	15.74	30.07	9.34	296.12	33.66	3.2	185.78
02/10/2024 12:45	11.52	3.71	111.97	15.72	11.75	0.64	71.13	15.72	30.91	9.95	300.43	31.54	1.73	190.99
02/10/2024 12:50	11.29	3.34	109.86	15.71	11.84	0.66	69.78	15.74	30.27	8.96	294.41	31.89	1.78	188.02
02/10/2024 12:55	11.27	3.5	111.27	15.71	11.69	0.69	69.39	15.75	30.16	9.38	297.92	31.52	1.85	187.12
02/10/2024 13:00	11.58	3.76	112.07	15.71	11.47	0.63	71.39	15.73	31.03	10.08	300.36	30.82	1.69	191.84
02/10/2024 13:05	11.3	3.38	109.68	15.71	12.1	1.07	70.76	15.75	30.24	9.04	293.5	32.64	2.88	190.81



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@ck1_SO2@ck1_CO@ck2_NOx@ck2_SO2@ck2_CO@7%					
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
02/10/2024 14:45	11.12	5.35	108.4	15.97	11.12	2.37	70.46	16	31.35	15.09	305.55	31.55	6.73	199.89
02/10/2024 14:50	10.73	4.77	106.75	15.97	11.89	2.56	69.38	16.01	30.25	13.44	300.95	33.83	7.28	197.4
02/10/2024 14:55	10.64	4.72	109.45	15.98	11.89	2.47	69.25	16.01	30.05	13.33	309.25	33.83	7.03	197.01
02/10/2024 15:00	10.5	4.78	109.09	15.98	11.01	1.83	70.92	16.01	29.68	13.52	308.48	31.33	5.19	201.67
02/10/2024 15:05	10.48	4.27	108.37	15.98	11.85	2	69.29	16.02	29.6	12.06	306.08	33.74	5.69	197.28
02/10/2024 15:10	10.87	4.29	109.74	15.97	11.75	1.89	69.14	16.02	30.67	12.09	309.55	33.44	5.38	196.76
02/10/2024 15:15	11.05	4.45	109	15.97	11.13	1.36	70.89	16	31.14	12.54	307.34	31.6	3.87	201.15
02/10/2024 15:20	10.91	3.89	107	15.97	11.94	1.63	68.41	16	30.73	10.97	301.48	33.88	4.63	194.2
02/10/2024 15:25	11.26	3.7	105.45	15.96	11.72	1.52	67.3	16	31.68	10.42	296.67	33.24	4.3	190.9
02/10/2024 15:30	11.36	3.91	105.66	15.96	11.66	0.98	68.31	15.98	31.96	11.01	297.26	32.98	2.78	193.11
02/10/2024 15:35	11.15	3.51	104.09	15.95	12.14	1.21	66.82	15.98	31.29	9.85	292.15	34.31	3.43	188.85
02/10/2024 15:40	11.37	3.72	107.07	15.94	11.92	0.97	66.44	15.98	31.84	10.43	299.88	33.66	2.74	187.57
02/10/2024 15:45	11.5	3.88	106.53	15.93	11.79	0.89	68.41	15.96	32.16	10.87	298	33.16	2.51	192.39
02/10/2024 15:50	11.3	3.46	105.95	15.92	12.48	1.22	66.73	15.94	31.54	9.67	295.64	35.02	3.43	187.19
02/10/2024 15:55	11.37	3.56	107.6	15.92	12.45	1.22	66.88	15.94	31.71	9.92	300.11	34.93	3.42	187.55
02/10/2024 16:00	11.72	3.9	108.91	15.9	11.81	0.96	69.42	15.95	32.59	10.84	302.84	33.18	2.69	195.04
02/10/2024 16:05	11.3	3.48	107.25	15.89	12.12	1.04	68.43	15.93	31.38	9.66	297.71	33.9	2.92	191.34
02/10/2024 16:10	11.41	3.71	109.87	15.88	11.53	0.69	68.55	15.92	31.59	10.27	304.25	32.19	1.92	191.34
02/10/2024 16:15	11.85	4.02	110.66	15.88	11.46	0.56	69.29	15.91	32.8	11.12	306.4	31.89	1.56	192.83
02/10/2024 16:20	11.51	3.58	108.82	15.87	12.43	1.2	68.42	15.91	31.84	9.89	300.9	34.63	3.35	190.67
02/10/2024 16:25	11.22	3.58	109.77	15.86	12.33	1.11	68.22	15.91	30.96	9.88	302.99	34.34	3.09	190
02/10/2024 16:30	11.48	3.85	110.48	15.87	11.67	0.7	69.53	15.89	31.7	10.64	305.12	32.38	1.95	192.9
02/10/2024 16:35	11.24	3.56	109.16	15.85	12.57	1.37	69.18	15.89	30.97	9.81	300.73	34.88	3.8	192.05
02/10/2024 16:40	11	3.68	112.08	15.84	12.67	1.45	69.22	15.89	30.21	10.1	307.79	35.16	4.03	192.07
02/10/2024 16:45	11.52	3.89	112.58	15.84	11.93	1.01	71.03	15.87	31.63	10.67	309.12	32.97	2.79	196.28
02/10/2024 16:50	11.22	3.44	111.08	15.83	12.21	0.93	69.49	15.87	30.79	9.43	304.69	33.74	2.57	191.99
02/10/2024 16:55	11.43	3.51	110.88	15.83	11.84	0.47	69.36	15.87	31.31	9.63	303.71	32.7	1.29	191.5
02/10/2024 17:00	11.82	3.52	109.17	15.83	11.91	0.47	67.83	15.85	32.38	9.64	299.08	32.76	1.29	186.51
02/10/2024 17:05	12.11	2.92	103.71	15.8	12.98	1.14	67.05	15.84	33.01	7.98	282.73	35.69	3.13	184.3
02/10/2024 17:10	12.78	2.77	100.78	15.74	13.11	1.2	67.09	15.84	34.41	7.45	271.32	36.01	3.31	184.27
02/10/2024 17:15	13.18	2.8	101.02	15.74	12.17	0.57	68.67	15.82	35.52	7.55	272.24	33.32	1.57	188
02/10/2024 17:20	12.86	2.47	99.64	15.74	12.7	0.9	67.57	15.82	34.64	6.65	268.24	34.73	2.45	184.77
02/10/2024 17:25	12.85	2.64	100.47	15.73	12.34	0.52	67.25	15.81	34.54	7.11	270.14	33.7	1.41	183.63
02/10/2024 17:30	12.86	2.98	101.97	15.73	12.18	0.53	68.59	15.8	34.57	8	274.08	33.21	1.44	186.95
02/10/2024 17:35	12.66	2.6	100.24	15.73	12.89	1.03	67.36	15.81	34	6.98	269.26	35.18	2.8	183.84
02/10/2024 17:40	11.97	3.12	106.46	15.75	12.81	0.78	66.95	15.8	32.28	8.42	287.14	34.95	2.13	182.65
02/10/2024 17:45	11.91	3.47	107.89	15.76	12.38	0.4	66.64	15.79	32.19	9.37	291.6	33.64	1.08	181.08
02/10/2024 17:50	11.73	3.04	106.44	15.75	13.35	0.46	60.81	15.76	31.65	8.19	287.12	36.1	1.25	164.48
02/10/2024 17:55	11.6	3.31	110.12	15.74	13	0	59.05	15.75	31.22	8.92	296.38	35.06	0	159.22
02/10/2024 18:00	11.41	3.67	110.32	15.74	12.5	0.35	61.95	15.73	30.73	9.87	297.05	33.6	0.94	166.5
02/10/2024 18:05	11.37	3.34	107.85	15.73	13.75	0.82	60.29	15.73	30.58	8.99	289.99	37.01	2.2	162.22
02/10/2024 18:10	11.48	3.67	110.91	15.74	13.56	0.77	60.03	15.73	30.94	9.88	298.93	36.47	2.06	161.44
02/10/2024 18:15	11.3	4.02	111.22	15.73	13.22	0.77	61.45	15.73	30.42	10.82	299.27	35.57	2.09	165.37
02/10/2024 18:20	11.27	3.74	108.18	15.74	13.58	1.01	58.98	15.75	30.33	10.06	291.15	36.63	2.72	159.05
02/10/2024 18:25	11.4	3.99	109.4	15.75	13.63	1.08	58.45	15.75	30.79	10.77	295.46	36.76	2.91	157.72
02/10/2024 18:30	11.5	4.3	109.39	15.77	12.23	1.16	66.07	15.79	31.13	11.65	296.14	33.29	3.15	179.78
02/10/2024 18:35	11.29	3.98	107.64	15.77	12.67	1.63	65.03	15.82	30.57	10.77	291.53	34.63	4.46	177.78
02/10/2024 18:40	11.29	4.35	109.93	15.79	11.95	1.23	64.98	15.81	30.71	11.84	298.99	32.67	3.38	177.6
02/10/2024 18:45	11.6	4.68	109.78	15.8	12.43	1.82	66.31	15.83	31.61	12.75	299.11	34.08	4.98	181.82
02/10/2024 18:50	11.41	4.45	108.08	15.8	12.77	2.13	64.86	15.85	31.09	12.12	294.51	35.11	5.85	178.38
02/10/2024 18:55	11.11	4.66	110.05	15.82	13.63	2.7	64.92	15.85	30.4	12.76	301.12	37.53	7.45	178.81
02/10/2024 19:00	11.57	4.85	109.7	15.83	11.9	1.88	65.32	15.86	31.71	13.28	300.64	32.82	5.19	180.14
02/10/2024 19:05	11.09	4.48	107.86	15.83	12.09	2.09	65.21	15.87	30.41	12.29	295.64	33.42	5.77	180.31
02/10/2024 19:10	10.77	5	110.72	15.85	11.66	1.91	65.23	15.87	29.63	13.74	304.46	32.23	5.27	180.39
02/10/2024 19:15	11.43	5.27	110.8	15.86	11.86	2.22	66.81	15.89	31.53	14.55	305.63	32.93	6.17	185.44
02/10/2024 19:20	11.29	4.91	108.54	15.86	13.02	2.85	64.37	15.92	31.16	13.56	299.46	36.32	7.96	179.54
02/10/2024 19:25	10.73	5.1	110.46	15.87	13.56	3.24	64.14	15.92	29.69	14.1	305.52	37.88	9.04	179.15
02/10/2024 19:30	11.27	5.29	110.43	15.89	11.49	2.27	67.03	15.92	31.24	14.66	306.2	32.07	6.34	187
02/10/2024 19:35	11.05	4.85	107.43	15.89	12.41	2.65	64.49	15.93	30.64	13.44	298	34.73	7.41	180.44
02/10/2024 19:40	10.97	4.88	107.91	15.89	12.3	2.41	64	15.93	30.45	13.53	299.39	34.39	6.73	178.98
02/10/2024 19:45	11.17	5	106.96	15.88	11.69	1.86	65.28	15.91	30.96	13.85	296.42	32.59	5.18	181.97
02/10/2024 19:50	11.1	4.56	105.77	15.89	12.7	2.43	63.95	15.93	30.77	12.65	293.17	35.54	6.8	178.92
02/10/2024 19:55	11.08	4.43	108.32	15.89	12.7	2.58	63.75	15.94	30.76	12.29	300.66	35.58	7.22	178.56
02/10/2024 20:00	11.67	4.52	108.07	15.89	11.74	1.31	64.14	15.92	32.4	12.54	299.96	32.76	3.65	178.97
02/10/2024 20:05	11.42	4.08	105.96	15.88	12.97	1.61	63.62	15.92	31.63	11.3	293.48	36.19	4.48	177.45
02/10/2024 20:10	11.26	4.07	108.73	15.85	12.86	1.23	63.36	15.91	30.98	11.2	299.21	35.82	3.44	176.47
02/10/2024 20:15	11.29	4.34	109.3	15.84	12.51	1.34	65.07	15.88	31.05	11.94	300.46	34.64	3.7	180.1
02/10/2024 20:20	11.29	3.88	107.23	15.84	13.11	1.45	63.59	15.88	31	10.66	294.39	36.26	4	175.92
02/10/2024 20:25	11.42	3.83	108.67	15.82	13.38	1.44	63.52	15.88	31.26	10.5	297.54	37	3.98	175.7
02/10/2024 20:30	11.61	4.06	109.36	15.82	12.67	1.2	65.05	15.85	31.78	11.12	299.35	34.87	3.3	178.96
02/10/2024 20:35	11.5	3.67	106.93	15.81	13.15	1.32	63.3	15.84	31.44	10.02	292.1	36.14	3.64	173.92
02/10/2024 20:40	11.39	4	109.08	15.79	13.44	1.5	63.25	15.85	31.01	10.89	296.89	36.96	4.13	173.99
02/10/2024 20:45	11.75	4.21	109.39	15.78	12.37	1.2	64.66	15.82	31.92	11.42	297.05	33.84	3.29	176.88
02/10/2024 20:50	11.64	3.97	107.72	15.78	13.43	1.94	63.25	15.84	31.63	10.79	292.53	36.88	5.34	173.76
02/10/2024 20:55	11.25	4.35												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
02/10/2024 22:30	11.52	4.78	110.4	15.85	12.13	1.77	65.05	15.89	31.68	13.15	303.7	33.7	4.92	180.59	
02/10/2024 22:35	11.49	4.34	107.55	15.84	12.81	1.95	64.1	15.87	31.55	11.93	295.3	35.42	5.39	177.24	
02/10/2024 22:40	11.39	4.14	107.09	15.81	13.2	2.31	64.17	15.87	31.13	11.32	292.69	36.5	6.4	177.4	
02/10/2024 22:45	11.99	4.2	106.21	15.81	12.76	1.36	64.09	15.84	32.77	11.48	290.27	35.06	3.74	176	
02/10/2024 22:50	11.74	3.87	104.9	15.8	13.06	1.67	63.63	15.84	32.03	10.56	286.05	35.85	4.57	174.64	
02/10/2024 22:55	11.39	4.03	109.19	15.78	12.78	1.75	64.13	15.83	30.93	10.96	296.53	35.07	4.8	175.96	
02/10/2024 23:00	11.78	4.28	109.25	15.78	12.36	1.25	65.88	15.81	31.97	11.62	296.47	33.72	3.41	179.75	
02/10/2024 23:05	11.6	3.85	108.27	15.77	13.09	1.4	64.14	15.8	31.43	10.43	293.28	35.7	3.83	174.91	
02/10/2024 23:10	11.45	3.89	109.25	15.75	12.84	1.13	64.42	15.8	30.9	10.51	294.84	34.99	3.07	175.53	
02/10/2024 23:15	11.81	3.85	108.27	15.75	12.52	1.18	66.36	15.78	31.88	10.4	292.14	33.98	3.21	180	
02/10/2024 23:20	11.65	3.6	106.99	15.74	13.23	1.35	64.79	15.77	31.39	9.7	288.1	35.86	3.65	175.58	
02/10/2024 23:25	11.68	3.8	109.03	15.73	13.56	1.42	64.67	15.77	31.39	10.21	293.02	36.73	3.85	175.14	
02/10/2024 23:30	12.01	3.83	108.79	15.72	12.61	0.92	65.23	15.75	32.23	10.28	292.08	34.03	2.47	176.07	
02/10/2024 23:35	11.8	3.5	106.97	15.71	13.23	1.33	65.02	15.75	31.63	9.39	286.62	35.72	3.58	175.52	
02/10/2024 23:40	11.59	3.64	109.02	15.7	13.27	1.36	65.19	15.75	30.95	9.74	291.23	35.79	3.67	175.89	
02/10/2024 23:45	12	3.86	109.35	15.7	12.68	0.89	65.71	15.73	32.07	10.31	292.11	34.06	2.39	176.55	
02/10/2024 23:50	11.88	3.48	107.3	15.69	13.3	1.27	65.02	15.73	31.7	9.29	286.26	35.74	3.41	174.67	
02/10/2024 23:55	11.49	3.55	109.1	15.68	13.22	1.27	65.3	15.73	30.58	9.46	290.5	35.51	3.4	175.39	
03/10/2024 00:00	12	3.76	108.73	15.68	12.69	0.94	67.27	15.71	31.94	10	289.51	33.96	2.52	180.05	
03/10/2024 00:05	11.87	3.44	107.12	15.67	13.47	1.18	64.98	15.71	31.59	9.14	284.92	36.07	3.17	174.04	
03/10/2024 00:10	11.62	3.52	109.23	15.66	13.45	1.14	65.08	15.71	30.85	9.34	289.9	36.04	3.06	174.33	
03/10/2024 00:15	12	3.59	108.81	15.67	12.64	0.87	67.48	15.7	31.89	9.54	289.1	33.81	2.33	180.38	
03/10/2024 00:20	11.81	3.32	106.74	15.66	13.24	1.12	65.16	15.69	31.32	8.81	282.98	35.36	2.99	173.97	
03/10/2024 00:25	11.63	3.49	109.47	15.64	13.23	1.09	64.91	15.69	30.75	9.22	289.47	35.28	2.92	173.03	
03/10/2024 00:30	12.11	3.7	109.45	15.65	12.46	0.69	67.12	15.68	32.05	9.79	289.78	33.16	1.82	178.6	
03/10/2024 00:35	12.01	3.36	107.34	15.65	13.25	1.01	65.2	15.68	31.78	8.89	284.01	35.3	2.68	173.74	
03/10/2024 00:40	11.79	3.47	109.38	15.64	13.23	0.94	65.23	15.69	31.18	9.16	289.2	35.29	2.5	173.96	
03/10/2024 00:45	11.87	3.74	110.07	15.65	12.59	0.62	66.08	15.68	31.41	9.89	291.15	33.5	1.66	175.8	
03/10/2024 00:50	11.91	3.36	107.97	15.64	13.2	0.93	65.32	15.68	31.48	8.88	285.26	35.12	2.49	173.81	
03/10/2024 00:55	11.88	3.38	108.8	15.62	13.09	0.83	65.48	15.68	31.26	8.9	286.32	34.83	2.2	174.21	
03/10/2024 01:00	12.21	3.61	109.02	15.62	12.91	0.66	66.72	15.66	32.15	9.51	287.03	34.23	1.76	176.83	
03/10/2024 01:05	12.12	3.26	106.94	15.62	13.63	1	64.67	15.66	31.9	8.57	281.44	36.14	2.65	171.39	
03/10/2024 01:10	11.99	3.33	108.75	15.62	13.84	1.05	64.66	15.66	31.55	8.75	286.14	36.7	2.78	171.39	
03/10/2024 01:15	11.94	3.59	110.24	15.62	12.92	0.71	66.5	15.65	31.44	9.45	290.22	34.2	1.89	176.02	
03/10/2024 01:20	11.97	3.26	107.97	15.61	13.5	0.78	64.4	15.65	31.48	8.58	283.87	35.74	2.06	170.49	
03/10/2024 01:25	12.08	3.29	108.23	15.6	13.59	0.89	64.38	15.65	31.66	8.61	283.64	35.99	2.36	170.44	
03/10/2024 01:30	12.05	3.42	108	15.6	12.98	0.55	65.4	15.63	31.58	8.96	283.08	34.22	1.45	172.41	
03/10/2024 01:35	11.97	3.08	106.15	15.59	13.67	0.81	64.65	15.63	31.35	8.07	277.87	36.04	2.13	170.48	
03/10/2024 01:40	12.04	3.23	108	15.59	13.8	0.75	64.2	15.63	31.48	8.44	282.46	36.36	1.98	169.18	
03/10/2024 01:45	12.56	3.53	109.35	15.58	13.09	0.52	65.94	15.62	32.84	9.22	285.87	34.44	1.38	173.47	
03/10/2024 01:50	12.39	3.16	107.14	15.59	13.69	0.66	64.49	15.68	32.46	8.28	280.58	36.45	1.76	171.65	
03/10/2024 01:55	12.1	3.15	107.53	15.59	13.47	0.52	64.91	15.7	31.69	8.24	281.49	35.98	1.38	173.4	
03/10/2024 02:00	12.46	3.28	106.67	15.6	13.13	0.47	65.41	15.62	32.65	8.59	279.59	34.54	1.22	172.06	
03/10/2024 02:05	12.32	3.03	104.83	15.58	13.75	0.76	64.73	15.61	32.23	7.92	274.09	36.12	2	170.03	
03/10/2024 02:10	12.16	3.11	107.45	15.56	13.69	0.8	65.47	15.61	31.66	8.09	279.8	35.94	2.09	171.9	
03/10/2024 02:15	12.59	3.33	107.68	15.57	13.35	0.56	65.6	15.6	32.82	8.68	280.75	34.98	1.47	171.88	
03/10/2024 02:20	12.44	3	105.74	15.56	13.81	0.84	65.02	15.6	32.42	7.83	275.43	36.23	2.2	170.53	
03/10/2024 02:25	12	3.07	108	15.56	13.98	0.89	65.17	15.6	31.2	8	280.92	36.65	2.34	170.82	
03/10/2024 02:30	12.22	3.32	107.72	15.56	13.1	0.44	66.77	15.59	31.81	8.64	280.35	34.31	1.14	174.81	
03/10/2024 02:35	12.08	3.07	106.6	15.56	13.6	0.81	66.44	15.6	31.42	7.99	277.27	35.63	2.13	174.11	
03/10/2024 02:40	11.87	3.14	108.79	15.55	13.64	0.89	67.86	15.6	30.86	8.17	282.72	35.75	2.34	177.87	
03/10/2024 02:45	12.16	3.45	110.18	15.55	13.17	0.48	66.05	15.59	31.6	8.96	286.42	34.44	1.26	172.75	
03/10/2024 02:50	12.09	3.09	107.79	15.55	13.57	0.69	65.66	15.59	31.42	8.03	280.1	35.53	1.81	171.92	
03/10/2024 02:55	11.94	3.27	109.33	15.55	13.73	0.8	65.73	15.59	31.04	8.5	284.21	35.97	2.09	172.14	
03/10/2024 03:00	12.03	3.58	110.52	15.55	12.87	0.71	67.61	15.59	31.28	9.3	287.42	33.66	1.86	176.81	
03/10/2024 03:05	11.94	3.29	107.46	15.55	13.49	0.78	64.86	15.59	31.04	8.55	279.31	35.31	2.05	169.73	
03/10/2024 03:10	11.98	3.54	108.38	15.56	13.52	0.67	64.5	15.59	31.19	9.22	282.05	35.35	1.76	168.71	
03/10/2024 03:15	11.95	3.74	107.91	15.57	12.95	0.97	66.63	15.6	31.14	9.76	281.28	33.92	2.54	174.59	
03/10/2024 03:20	12	3.55	106.92	15.57	13.73	1.45	64.69	15.61	31.29	9.25	278.68	36.07	3.82	169.89	
03/10/2024 03:25	11.9	3.9	108.28	15.58	13.95	1.56	64.59	15.61	31.07	10.19	282.81	36.65	4.11	169.66	
03/10/2024 03:30	11.87	4.2	108.28	15.59	12.92	1.27	66.97	15.62	31.07	10.98	283.35	34.01	3.34	176.26	
03/10/2024 03:35	11.87	3.97	107.08	15.59	13.74	1.74	64.57	15.64	31.08	10.38	280.29	36.28	4.61	170.54	
03/10/2024 03:40	11.97	4.14	107.48	15.6	13.89	1.75	64.06	15.64	31.4	10.87	282.03	36.69	4.62	169.21	
03/10/2024 03:45	12.24	4.38	107.7	15.62	12.95	1.61	66.23	15.65	32.19	11.53	283.28	34.3	4.25	175.34	
03/10/2024 03:50	12.07	4.14	105.46	15.62	13.4	2	65	15.67	31.76	10.89	277.53	35.6	5.32	172.7	
03/10/2024 03:55	11.84	4.31	106.57	15.64	13.42	2	65	15.67	31.26	11.37	281.4	35.66	5.32	172.71	
03/10/2024 04:00	12.25	4.52	106.81	15.65	12.94	1.8	65.29	15.68	32.4	11.94	282.53	34.43	4.8	173.7	
03/10/2024 04:05	12.08	4.25	105.07	15.65	13.52	2.13	63.45	15.69	31.95	11.25	278.02	36.08	5.69	169.32	
03/10/2024 04:10	11.83	4.47	106.23	15.66	13.53	2.11	63.5	15.7	31.35	11.85	281.61	36.14	5.64	169.59	
03/10/2024 04:15	12.01	4.67	107.11	15.67	12.74	1.86	64.72	15.7	31.93	12.42	284.67	34.03	4.98	172.83	
03/10/2024 04:20	12.02	4.41	104.77	15.67	13.58	2.35	62.7	15.71	31.96	11.72	278.53	36.36	6.3	167.92	
03/10/2024 04:25	11.94	4.54	105.5	15.68	13.66	2.41	62.7	15.71	31.79	12.09	280.93	36.58	6.45	167.96	
03/10/2024 04:30	12.08	4.69	105.81	15.69	13.09	1.9									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/10/2024 06:15	12.47	3.19	105.02	15.56	13.16	0.56	65.08	15.59	32.44	8.31	273.26	34.46	1.48	170.37	
03/10/2024 06:20	12.39	2.94	103.64	15.56	13.92	0.8	63.78	15.6	32.22	7.65	269.51	36.48	2.11	167.15	
03/10/2024 06:25	12.28	3.05	105.97	15.55	13.97	0.83	63.84	15.6	31.9	7.91	275.22	36.61	2.17	167.34	
03/10/2024 06:30	12.48	3.24	105.85	15.55	13.19	0.57	66.26	15.58	32.44	8.43	275.17	34.48	1.49	173.19	
03/10/2024 06:35	12.49	2.97	104.11	15.55	13.63	0.8	65.4	15.59	32.45	7.72	270.43	35.67	2.08	171.14	
03/10/2024 06:40	12.17	3.04	106.26	15.54	13.69	0.8	65.38	15.59	31.59	7.88	275.75	35.82	2.09	171.1	
03/10/2024 06:45	12.48	3.21	105.85	15.55	13.19	0.53	64.86	15.57	32.42	8.33	274.86	34.42	1.39	169.27	
03/10/2024 06:50	12.41	2.97	103.89	15.54	13.61	0.67	63.79	15.58	32.19	7.72	269.46	35.56	1.75	166.7	
03/10/2024 06:55	12.17	3.09	106.38	15.54	13.67	0.73	63.81	15.58	31.55	8.01	275.71	35.73	1.92	166.77	
03/10/2024 07:00	12.33	3.28	106.45	15.54	13.02	0.48	65.08	15.57	32	8.51	276.25	33.95	1.26	169.73	
03/10/2024 07:05	12.25	2.98	104.62	15.54	13.6	0.66	63.82	15.58	31.76	7.73	271.28	35.52	1.72	166.65	
03/10/2024 07:10	12.07	3.09	107.08	15.53	13.45	0.66	63.7	15.58	31.26	8.01	277.4	35.14	1.71	166.38	
03/10/2024 07:15	12.52	3.17	106.63	15.54	13.09	0.47	65.81	15.57	32.43	8.21	276.3	34.13	1.23	171.52	
03/10/2024 07:20	12.49	2.9	104.72	15.53	13.6	0.65	64.06	15.57	32.35	7.51	271.2	35.47	1.69	167.1	
03/10/2024 07:25	12.13	3.07	106.96	15.53	13.63	0.66	63.95	15.57	31.39	7.95	276.9	35.53	1.71	166.79	
03/10/2024 07:30	12.33	3.31	107.19	15.54	13.04	0.5	66.27	15.56	31.95	8.59	277.75	33.97	1.3	172.62	
03/10/2024 07:35	12.32	2.98	104.52	15.53	13.53	0.67	64.43	15.57	31.92	7.71	270.73	35.28	1.74	168.04	
03/10/2024 07:40	12.14	3.06	107.26	15.53	13.28	0.75	64.73	15.57	31.42	7.93	277.66	34.65	1.96	168.88	
03/10/2024 07:45	12.24	3.38	107.36	15.53	13.26	0.49	66.58	15.57	31.7	8.75	278.04	34.56	1.27	173.45	
03/10/2024 07:50	12.3	3.01	105.4	15.53	13.9	0.66	64.08	15.57	31.84	7.79	272.84	36.25	1.72	167.1	
03/10/2024 07:55	12.18	2.97	106.97	15.53	14.06	0.67	63.63	15.57	31.53	7.69	276.82	36.68	1.75	165.94	
03/10/2024 08:00	12.56	3.27	107.48	15.53	13.25	0.5	65.92	15.56	32.51	8.46	278.18	34.51	1.3	171.64	
03/10/2024 08:05	12.46	3	106.28	15.53	13.49	0.67	64.09	15.57	32.24	7.75	275.01	35.17	1.75	167.05	
03/10/2024 08:10	12.11	2.98	108.04	15.53	13.45	0.69	63.91	15.57	31.32	7.7	279.44	35.07	1.79	166.57	
03/10/2024 08:15	12.06	3.16	108.25	15.53	13.13	0.45	65.95	15.56	31.23	8.19	280.2	34.18	1.16	171.67	
03/10/2024 08:20	12.1	2.94	106.96	15.53	13.7	0.68	64.49	15.57	31.32	7.6	276.76	35.7	1.77	168.03	
03/10/2024 08:25	12.07	3.01	108.15	15.53	13.77	0.67	63.89	15.56	31.22	7.78	279.73	35.85	1.75	166.39	
03/10/2024 08:30	12.23	3.19	107.86	15.53	13.1	0.42	66.32	15.56	31.67	8.27	279.24	34.1	1.09	172.66	
03/10/2024 08:35	12.23	2.91	105.86	15.53	13.85	0.54	63.92	15.57	31.64	7.53	273.93	36.08	1.4	166.58	
03/10/2024 08:40	12.13	3.02	107.7	15.53	13.92	0.45	63.67	15.57	31.39	7.83	278.7	36.29	1.18	165.96	
03/10/2024 08:45	12.51	3.19	106.63	15.53	13.2	0.24	65.93	15.56	32.4	8.26	276.15	34.37	0.61	171.69	
03/10/2024 08:50	12.35	2.87	105.19	15.53	13.65	0.58	65.01	15.57	31.97	7.43	272.17	35.58	1.52	169.46	
03/10/2024 08:55	12.19	2.99	107.54	15.53	13.8	0.7	65.34	15.57	31.52	7.74	278.12	35.97	1.83	170.37	
03/10/2024 09:00	12.03	3.16	107.91	15.53	13	0.39	65.82	15.56	31.12	8.18	279.23	33.83	1.01	171.25	
03/10/2024 09:05	12.01	2.87	106.2	15.53	13.62	0.41	64.39	15.56	31.07	7.43	274.65	35.46	1.06	167.7	
03/10/2024 09:10	12.12	2.97	107.75	15.53	13.45	0.3	64.31	15.56	31.35	7.69	278.68	35.02	0.77	167.43	
03/10/2024 09:15	12.15	3.23	108.23	15.53	13.02	0.47	66.48	15.56	31.46	8.36	280.14	33.9	1.23	173.08	
03/10/2024 09:20	12.08	3.02	106.8	15.53	13.52	0.73	65.13	15.57	31.27	7.81	276.38	35.24	1.91	169.81	
03/10/2024 09:25	12.08	3.3	107.84	15.53	13.48	0.83	64.91	15.57	31.27	8.55	279.13	35.15	2.16	169.18	
03/10/2024 09:30	12.41	3.49	107.15	15.54	12.93	0.64	65.5	15.57	32.18	9.06	277.97	33.71	1.68	170.78	
03/10/2024 09:35	12.19	3.31	104.89	15.54	13.57	1.18	64.14	15.58	31.64	8.6	272.16	35.48	3.08	167.7	
03/10/2024 09:40	11.92	3.63	106.97	15.55	13.63	1.22	63.92	15.58	30.98	9.44	278.04	35.63	3.19	167.15	
03/10/2024 09:45	11.97	3.9	106.88	15.56	12.86	1.09	64.84	15.59	31.16	10.15	278.1	33.68	2.85	169.78	
03/10/2024 09:50	11.87	3.62	105.06	15.56	13.25	1.4	64.05	15.61	30.9	9.43	273.52	34.79	3.67	168.2	
03/10/2024 09:55	11.85	3.99	106.66	15.59	13.03	1.33	64.48	15.61	31	10.43	278.98	34.23	3.49	169.37	
03/10/2024 10:00	12.08	4.3	107.03	15.6	12.61	1.45	66.39	15.63	31.69	11.28	280.7	33.26	3.81	175.07	
03/10/2024 10:05	12.13	4.05	104.75	15.61	13.63	2.05	64.16	15.66	31.85	10.62	275	36.12	5.44	170.08	
03/10/2024 10:10	11.74	4.2	105.71	15.62	14.42	2.52	64.47	15.66	30.94	11.07	278.53	38.29	6.68	171.15	
03/10/2024 10:15	12.03	4.39	105.64	15.64	12.58	1.71	65.64	15.67	31.77	11.59	279.02	33.43	4.56	174.44	
03/10/2024 10:20	11.96	4.18	103.77	15.64	13.28	2.2	64.33	15.69	31.63	11.05	274.35	35.45	5.88	171.69	
03/10/2024 10:25	11.7	4.43	105.36	15.67	13.66	2.45	64.17	15.7	31.08	11.76	279.82	36.47	6.55	171.38	
03/10/2024 10:30	11.59	4.74	106.01	15.68	12.43	1.93	64.89	15.71	30.84	12.6	282.03	33.28	5.17	173.7	
03/10/2024 10:35	11.64	4.51	104.2	15.68	13.33	2.52	62.82	15.73	31	12	277.4	35.82	6.76	168.86	
03/10/2024 10:40	11.37	4.7	105.72	15.7	13.44	2.69	62.19	15.73	30.39	12.55	282.54	36.14	7.23	167.24	
03/10/2024 10:45	12.08	4.88	104.39	15.71	12.36	2.06	64.2	15.74	32.36	13.08	279.62	33.31	5.56	172.96	
03/10/2024 10:50	11.78	4.47	103.01	15.71	13.14	2.38	62.92	15.76	31.56	11.99	276.01	35.54	6.43	170.21	
03/10/2024 10:55	11.62	4.48	105.03	15.73	13	2.24	63.08	15.76	31.22	12.03	282.18	35.16	6.05	170.61	
03/10/2024 11:00	12.07	4.56	103.84	15.73	12.71	1.88	63.76	15.76	32.47	12.27	279.35	34.39	5.08	172.54	
03/10/2024 11:05	11.88	4.2	102.27	15.73	12.9	1.79	62.77	15.77	31.96	11.3	275.03	34.96	4.84	170.15	
03/10/2024 11:10	11.66	4.02	104.96	15.73	13.3	2.14	63.53	15.78	31.37	10.83	282.46	36.09	5.81	172.41	
03/10/2024 11:15	11.98	4.16	105.09	15.74	12.15	1.13	64.83	15.76	32.26	11.2	282.87	32.88	3.07	175.39	
03/10/2024 11:20	11.91	3.72	103.06	15.73	13.09	1.43	63.14	15.77	32.02	10	277.15	35.47	3.87	171.04	
03/10/2024 11:25	11.78	3.76	105.09	15.72	13.19	1.42	62.84	15.77	31.64	10.09	282.17	35.7	3.85	170.13	
03/10/2024 11:30	12.01	3.98	105.49	15.72	12.63	1.2	65.44	15.75	32.24	10.67	283.25	34.1	3.25	176.69	
03/10/2024 11:35	11.91	3.56	104	15.72	13.13	1.34	64.02	15.75	31.93	9.56	278.87	35.45	3.61	172.9	
03/10/2024 11:40	11.83	3.6	106.12	15.71	13.2	1.39	64.53	15.75	31.67	9.65	284	35.67	3.76	174.33	
03/10/2024 11:45	11.92	3.75	105.11	15.71	12.53	0.78	64.88	15.74	31.94	10.03	281.57	33.74	2.11	174.73	
03/10/2024 11:50	12.06	3.37	102.77	15.7	13.55	1.16	62.23	15.74	32.25	9.03	274.85	36.49	3.14	167.62	
03/10/2024 11:55	12.26	3.22	101.77	15.69	13.78	1.28	61.53	15.74	32.69	8.59	271.34	37.12	3.45	165.72	
03/10/2024 12:00	12.92	3.47	101.64	15.69	13.13	0.67	62.82	15.72	34.46	9.27	271.19	35.22	1.8	168.47	
03/10/2024 12:05	12.52	3.03	100.55	15.68	13.5	0.87	61.59	15.72	33.35	8.08	267.87	36.2	2.35	165.17	
03/10/2024 12:10	11.99	3.25	104.49	15.67	12.89	0.3	61.55	15.71	31.89	8.63	277.93	34.53	0.8	164.87	
03/10/2024 12:15	12.5	3.42													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/10/2024 14:00	12.49	3.2	103.6	15.67	13.12	0.36	63.83	15.7	33.22	8.52	275.52	35.08	0.96	170.66	
03/10/2024 14:05	12.22	2.86	101.88	15.67	13.41	0.31	61.35	15.71	32.48	7.6	270.81	35.9	0.84	164.19	
03/10/2024 14:10	12.34	2.9	103.24	15.68	12.95	0.03	60.95	15.7	32.84	7.72	274.69	34.65	0.08	163.03	
03/10/2024 14:15	12.53	3.12	103.69	15.68	13.34	0.37	62.67	15.71	33.35	8.3	276.03	35.73	1	167.84	
03/10/2024 14:20	12.5	2.72	101.54	15.67	13.76	0.45	61.94	15.71	33.25	7.22	269.97	36.86	1.2	165.94	
03/10/2024 14:25	12.28	2.83	102.51	15.65	13.98	0.58	62.17	15.71	32.55	7.49	271.58	37.43	1.55	166.39	
03/10/2024 14:30	12.15	3.15	102.69	15.66	12.86	0.42	63.81	15.68	32.22	8.35	272.28	34.28	1.12	170.04	
03/10/2024 14:35	12.13	2.82	101.1	15.66	13.43	0.55	62.05	15.7	32.17	7.46	268.04	35.87	1.48	165.76	
03/10/2024 14:40	12.26	2.92	102.74	15.67	13.23	0.47	62	15.7	32.56	7.77	272.99	35.38	1.25	165.73	
03/10/2024 14:45	12.45	3.02	101.75	15.68	12.72	0.36	63.13	15.71	33.16	8.03	270.99	34.07	0.95	169.03	
03/10/2024 14:50	12.29	2.7	100.56	15.68	13.27	0.59	62.62	15.72	32.74	7.18	267.71	35.62	1.57	168.12	
03/10/2024 14:55	11.95	2.93	104.63	15.68	13.05	0.56	62.77	15.72	31.85	7.8	278.79	35.03	1.51	168.54	
03/10/2024 15:00	12.47	3.23	104.58	15.69	12.48	0.31	64.97	15.72	33.27	8.61	278.9	33.46	0.84	174.18	
03/10/2024 15:05	12.24	2.88	103.14	15.68	13.25	0.6	63.53	15.72	32.62	7.68	274.78	35.55	1.61	170.46	
03/10/2024 15:10	11.88	3.09	105.69	15.68	13.48	0.63	63.53	15.72	31.66	8.23	281.63	36.16	1.68	170.39	
03/10/2024 15:15	12.16	3.51	106.54	15.69	12.38	0.41	65.39	15.72	32.41	9.37	284.03	33.2	1.09	175.33	
03/10/2024 15:20	11.85	3.14	105.51	15.69	12.98	0.7	65.23	15.73	31.6	8.37	281.22	34.89	1.89	175.31	
03/10/2024 15:25	11.39	3.21	108.48	15.69	12.81	0.64	65.7	15.73	30.38	8.56	289.38	34.45	1.72	176.64	
03/10/2024 15:30	11.7	3.5	108.55	15.69	12.34	0.42	66.95	15.72	31.24	9.34	289.82	33.11	1.12	179.65	
03/10/2024 15:35	11.65	3.05	106.15	15.69	12.99	0.65	65.29	15.72	31.07	8.13	283.06	34.89	1.75	175.35	
03/10/2024 15:40	11.81	3.14	106.9	15.68	12.98	0.69	65.27	15.72	31.48	8.37	284.85	34.85	1.85	175.2	
03/10/2024 15:45	12.2	3.32	107.69	15.68	12.5	0.62	67.04	15.72	32.52	8.85	287	33.51	1.67	179.72	
03/10/2024 15:50	12.02	3.06	106.57	15.68	12.59	0.62	65.66	15.72	32.03	8.15	283.88	33.79	1.66	176.17	
03/10/2024 15:55	11.67	3.15	107.2	15.68	12.78	0.89	65.95	15.72	31.09	8.4	285.63	34.3	2.39	176.99	
03/10/2024 16:00	11.76	3.45	107.59	15.69	11.99	0.46	67.78	15.71	31.36	9.21	286.84	32.15	1.24	181.65	
03/10/2024 16:05	11.61	2.99	105.94	15.68	12.22	0.36	65.99	15.72	30.91	7.95	282.06	32.77	0.96	177	
03/10/2024 16:10	11.74	3.17	108.55	15.68	11.75	0.14	65.95	15.71	31.24	8.44	288.78	31.49	0.38	176.78	
03/10/2024 16:15	12.17	3.51	108.86	15.68	12.31	0.58	67.51	15.71	32.39	9.34	289.77	32.97	1.56	180.77	
03/10/2024 16:20	12.04	3.17	106.86	15.67	12.8	0.76	65.66	15.71	32.02	8.44	284.23	34.3	2.04	175.89	
03/10/2024 16:25	11.66	3.35	107.94	15.67	13.28	1.17	65.77	15.71	31	8.92	287.07	35.6	3.14	176.27	
03/10/2024 16:30	12.03	3.73	107.59	15.68	12.53	0.86	68.34	15.71	32.05	9.94	286.61	33.56	2.31	183.11	
03/10/2024 16:35	11.72	3.41	106.01	15.68	12.9	1.16	66.33	15.73	31.24	9.09	282.4	34.64	3.13	178.18	
03/10/2024 16:40	11.51	3.78	108.1	15.7	12.78	0.83	66.3	15.73	30.75	10.09	288.76	34.33	2.23	178.07	
03/10/2024 16:45	11.9	4.05	107.84	15.71	11.88	1.04	67.28	15.74	31.86	10.86	288.83	31.99	2.81	181.11	
03/10/2024 16:50	11.51	3.7	106.15	15.71	12.5	1.47	66.53	15.76	30.84	9.92	284.42	33.78	3.96	179.76	
03/10/2024 16:55	11.56	4.08	107.17	15.73	11.69	0.84	66.5	15.75	31.08	10.98	288.06	31.55	2.28	179.54	
03/10/2024 17:00	12.19	4.29	106.86	15.74	11.54	1.13	67.81	15.77	32.84	11.56	287.97	31.27	3.07	183.72	
03/10/2024 17:05	11.83	4.04	105.62	15.75	12.66	1.91	66.24	15.79	31.9	10.89	284.83	34.46	5.21	180.34	
03/10/2024 17:10	11.33	4.4	107.08	15.76	12.45	1.95	66.31	15.8	30.66	11.9	289.82	33.93	5.32	180.68	
03/10/2024 17:15	11.95	4.67	106.77	15.78	11.76	1.84	67.74	15.81	32.43	12.66	289.68	32.13	5.01	184.97	
03/10/2024 17:20	11.98	4.22	103.27	15.77	12.62	2.27	65.6	15.83	32.44	11.44	279.61	34.61	6.21	179.9	
03/10/2024 17:25	12.73	4.1	98.31	15.75	12.22	1.92	65.28	15.83	34.39	11.06	265.55	33.5	5.27	178.97	
03/10/2024 17:30	13.01	4.43	98.21	15.76	11.88	2.14	67.41	15.84	35.21	11.99	265.79	32.62	5.88	185.01	
03/10/2024 17:35	12.65	4.15	96.79	15.77	12.63	2.93	66.4	15.86	34.25	11.24	262.09	34.84	8.08	183.07	
03/10/2024 17:40	12.59	4.26	97.36	15.78	13.03	3.42	66.58	15.87	34.15	11.57	264.16	35.98	9.45	183.82	
03/10/2024 17:45	12.86	4.78	98.52	15.79	11.88	2.61	67.35	15.86	34.96	12.99	267.76	32.77	7.2	185.81	
03/10/2024 17:50	12.33	4.65	99.95	15.81	12.42	3.02	65.96	15.89	33.63	12.68	272.69	34.41	8.37	182.83	
03/10/2024 17:55	11.19	5.06	106.96	15.85	12.5	3.13	65.69	15.89	30.8	13.92	294.25	34.66	8.67	182.16	
03/10/2024 18:00	11.19	5.31	109.09	15.86	12.15	2.57	67.7	15.89	30.84	14.65	300.65	33.7	7.12	187.72	
03/10/2024 18:05	11.18	4.92	107.05	15.85	12.71	2.77	67.44	15.89	30.79	13.55	294.79	35.3	7.68	187.28	
03/10/2024 18:10	11.28	4.53	107.49	15.84	13.2	3.13	67.91	15.9	30.96	12.44	295.12	36.69	8.69	188.72	
03/10/2024 18:15	11.47	4.57	107.41	15.83	12.19	1.86	66.51	15.87	31.49	12.55	294.74	33.71	5.15	183.82	
03/10/2024 18:20	11.49	4.2	106.49	15.82	13.23	2	63.99	15.86	31.45	11.49	291.53	36.47	5.51	176.47	
03/10/2024 18:25	11.66	4.22	109.5	15.8	13.41	1.99	63.84	15.86	31.79	11.49	298.47	36.95	5.47	175.95	
03/10/2024 18:30	12.11	4.36	109.91	15.79	12.88	1.46	66.46	15.82	32.93	11.85	298.87	35.26	4.01	181.92	
03/10/2024 18:35	11.93	3.99	108.05	15.78	13.7	1.78	64.9	15.81	32.38	10.82	293.11	37.43	4.87	177.27	
03/10/2024 18:40	11.7	3.99	110.21	15.75	13.78	1.86	64.92	15.81	31.57	10.77	297.43	37.63	5.08	177.27	
03/10/2024 18:45	12.47	4.11	109.9	15.75	13.05	1.22	67.14	15.78	33.64	11.08	296.53	35.41	3.3	182.1	
03/10/2024 18:50	12.37	3.78	108	15.74	13.91	1.6	64.13	15.77	33.31	10.18	290.76	37.68	4.32	173.73	
03/10/2024 18:55	12.04	3.72	108.88	15.72	14.03	1.59	63.98	15.77	32.28	9.99	291.97	37.99	4.32	173.22	
03/10/2024 19:00	12.34	3.83	107.42	15.71	13.6	1.07	64.96	15.74	33.04	10.24	287.61	36.62	2.87	174.88	
03/10/2024 19:05	12.36	3.58	106.28	15.7	14.42	1.36	63.91	15.73	33.04	9.56	283.99	38.77	3.67	171.8	
03/10/2024 19:10	12.16	3.79	109.23	15.68	14.41	1.36	64.31	15.73	32.38	10.1	290.83	38.72	3.66	172.85	
03/10/2024 19:15	12.37	4.1	109.27	15.68	13.63	1.22	64.72	15.7	32.93	10.91	290.87	36.43	3.26	173.02	
03/10/2024 19:20	12.41	3.88	107.35	15.67	14.41	1.81	64.65	15.7	33	10.31	285.36	38.51	4.83	172.77	
03/10/2024 19:25	12.12	4.23	109.49	15.66	14.41	1.86	64.84	15.7	32.13	11.23	290.3	38.5	4.97	173.28	
03/10/2024 19:30	12.39	4.42	109.17	15.66	13.62	1.72	65.95	15.69	32.87	11.72	289.64	36.33	4.58	175.96	
03/10/2024 19:35	12.39	4.18	107.51	15.66	14.15	2.15	64.83	15.7	32.87	11.08	285.16	37.82	5.75	173.3	
03/10/2024 19:40	12.04	4.52	109.24	15.67	14.22	2.17	64.59	15.7	31.98	11.99	290.15	38.01	5.81	172.66	
03/10/2024 19:45	12.38	4.86	109.58	15.67	13.51	2.06	65.61	15.7	32.91	12.92	291.26	36.13	5.51	175.37	
03/10/2024 19:50	12.39	4.6	107.45	15.67	14.04	2.37	62.83	15.71	32.93	12.24	285.65	37.6	6.35	168.3	
03/10/2024 19:55	12.12	4.83	108.98	15.68	13.88	2.31	62.36	15.71	32.28	12.85	290.23	37.16	6.2	166.99	
03/10/2024 20:00															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/10/2024 21:45	12.75	4.09	106.37	15.61	13.62	1.22	63.8	15.64	33.53	10.77	279.71	36.01	3.22	168.66	
03/10/2024 21:50	12.58	3.83	104.21	15.61	14.43	1.54	62.58	15.64	33.05	10.05	273.62	38.11	4.06	165.31	
03/10/2024 21:55	12.33	3.74	106.18	15.59	14.56	1.53	62.58	15.64	32.29	9.79	278.08	38.45	4.05	165.24	
03/10/2024 22:00	12.69	3.99	107.05	15.59	13.78	1.06	64.11	15.62	33.24	10.46	280.33	36.26	2.78	168.67	
03/10/2024 22:05	12.67	3.72	105.27	15.59	14.28	1.41	61.95	15.62	33.14	9.74	275.36	37.58	3.72	163.05	
03/10/2024 22:10	12.38	3.67	106.44	15.57	14.28	1.47	62.31	15.62	32.3	9.57	277.65	37.6	3.87	164.05	
03/10/2024 22:15	12.2	3.8	106.94	15.57	13.53	0.99	64.49	15.6	31.82	9.91	278.83	35.46	2.59	169.04	
03/10/2024 22:20	12.34	3.51	104.87	15.56	13.99	1.27	62.61	15.6	32.14	9.15	273.11	36.67	3.33	164.06	
03/10/2024 22:25	12.34	3.62	106.27	15.55	13.95	1.33	63	15.6	32.05	9.41	275.96	36.57	3.48	165.13	
03/10/2024 22:30	12.48	3.84	105.85	15.55	13.46	1.09	64.53	15.58	32.42	9.97	274.99	35.18	2.85	168.59	
03/10/2024 22:35	12.37	3.61	104.38	15.55	14.07	1.58	63.39	15.58	32.13	9.37	271.08	36.77	4.12	165.75	
03/10/2024 22:40	12.32	3.99	106.36	15.55	14.28	1.7	64.25	15.58	32.01	10.36	276.31	37.34	4.46	168.01	
03/10/2024 22:45	12.32	4.31	106.3	15.56	13.31	1.41	63.82	15.59	32.04	11.2	276.52	34.81	3.69	166.91	
03/10/2024 22:50	12.3	4.09	104.97	15.56	13.66	1.95	63.47	15.6	31.99	10.65	273.08	35.81	5.11	166.35	
03/10/2024 22:55	12.13	4.4	106.97	15.57	13.53	2.11	63.64	15.6	31.6	11.46	278.73	35.47	5.53	166.81	
03/10/2024 23:00	12.44	4.62	106.81	15.57	13.25	1.86	64.65	15.6	32.45	12.04	278.73	34.77	4.89	169.65	
03/10/2024 23:05	12.33	4.34	104.94	15.57	13.87	2.19	62.06	15.61	32.16	11.33	273.74	36.45	5.75	163.15	
03/10/2024 23:10	12.1	4.49	105.3	15.58	13.81	2.22	61.78	15.61	31.62	11.74	275.19	36.3	5.83	162.37	
03/10/2024 23:15	12.58	4.76	105.35	15.58	13.09	2.09	64.48	15.62	32.89	12.44	275.47	34.46	5.49	169.67	
03/10/2024 23:20	12.42	4.53	103.95	15.59	13.78	2.45	62.62	15.64	32.52	11.85	272.09	36.41	6.48	165.48	
03/10/2024 23:25	11.98	4.75	105.63	15.61	13.95	2.42	62.66	15.64	31.49	12.49	277.54	36.89	6.41	165.64	
03/10/2024 23:30	12.31	5.02	106.19	15.62	12.99	2.28	64.41	15.65	32.41	13.22	279.48	34.39	6.05	170.51	
03/10/2024 23:35	12.13	4.81	104.12	15.62	13.49	2.66	62.78	15.67	31.95	12.66	274.11	35.83	7.06	166.74	
03/10/2024 23:40	11.82	4.85	105.41	15.63	13.48	2.63	62.39	15.67	31.18	12.79	278.17	35.81	6.97	165.68	
03/10/2024 23:45	11.98	5.15	105.96	15.64	12.83	2.49	64.28	15.67	31.64	13.61	279.96	34.12	6.62	170.95	
03/10/2024 23:50	11.87	4.86	104.16	15.65	13.43	2.84	63.09	15.69	31.41	12.85	275.51	35.84	7.58	168.44	
03/10/2024 23:55	11.53	5.03	107.49	15.66	13.56	2.88	62.98	15.7	30.59	13.36	285.31	36.22	7.68	168.21	
04/10/2024 00:00	11.68	5.17	108.35	15.67	12.75	2.29	64.92	15.7	31.04	13.75	288.01	34.08	6.12	173.5	
04/10/2024 00:05	11.67	4.76	105.88	15.67	13.42	2.49	63.61	15.71	30.99	12.63	281.22	35.9	6.66	170.21	
04/10/2024 00:10	11.57	4.72	107.3	15.66	13.41	2.52	64.02	15.71	30.67	12.5	284.49	35.88	6.74	171.32	
04/10/2024 00:15	11.77	4.91	107.45	15.66	12.8	2.11	64.15	15.69	31.23	13.03	285.06	34.14	5.62	171.09	
04/10/2024 00:20	11.68	4.63	105.12	15.66	13.23	2.47	63.41	15.69	30.95	12.27	278.58	35.29	6.57	169.07	
04/10/2024 00:25	11.64	4.84	106.86	15.64	13.08	2.49	63.64	15.69	30.78	12.78	282.5	34.86	6.63	169.66	
04/10/2024 00:30	11.83	5.1	106.48	15.65	12.68	2.3	64.77	15.68	31.29	13.5	281.67	33.76	6.13	172.43	
04/10/2024 00:35	11.79	4.82	103.63	15.64	13.46	2.68	63.28	15.69	31.18	12.76	274.09	35.88	7.14	168.71	
04/10/2024 00:40	11.71	4.97	105.85	15.65	13.48	2.7	63.33	15.69	31.03	13.16	280.36	35.96	7.21	168.88	
04/10/2024 00:45	11.74	5.25	106.21	15.65	12.61	2.42	64.53	15.69	31.11	13.91	281.37	33.63	6.45	172.05	
04/10/2024 00:50	11.73	4.96	104.1	15.65	13.2	2.77	62.43	15.7	31.08	13.15	275.79	35.28	7.39	166.86	
04/10/2024 00:55	11.63	5.12	105.81	15.67	13.09	2.77	62.14	15.7	30.9	13.59	281.04	35	7.4	166.11	
04/10/2024 01:00	11.84	5.29	105.87	15.68	12.55	2.58	64.09	15.7	31.49	14.07	281.72	33.57	6.91	171.41	
04/10/2024 01:05	11.84	5.02	103.95	15.68	13.28	2.97	62.99	15.72	31.51	13.36	276.54	35.63	7.97	168.97	
04/10/2024 01:10	11.66	5.23	105.63	15.68	13.56	2.95	62.48	15.72	31.06	13.94	281.43	36.38	7.93	167.63	
04/10/2024 01:15	12.11	5.45	105.23	15.69	12.82	2.74	63.18	15.72	32.3	14.55	280.7	34.42	7.36	169.57	
04/10/2024 01:20	11.93	5.17	103.32	15.69	13.51	3.06	61.31	15.73	31.83	13.8	275.64	36.33	8.22	164.91	
04/10/2024 01:25	11.55	5.32	105.16	15.69	13.55	3.08	61.36	15.73	30.84	14.2	280.74	36.44	8.28	165.06	
04/10/2024 01:30	12.01	5.55	105.5	15.7	12.64	2.91	63.63	15.74	32.13	14.84	282.18	34.02	7.82	171.21	
04/10/2024 01:35	11.87	5.23	103.09	15.7	13.22	3.18	62.35	15.75	31.76	14	275.75	35.7	8.59	168.33	
04/10/2024 01:40	11.65	5.11	104.48	15.72	13.23	3.14	62.31	15.75	31.27	13.7	280.39	35.74	8.49	168.29	
04/10/2024 01:45	12.04	5.27	104.41	15.73	12.84	2.53	63.02	15.76	32.35	14.18	280.61	34.7	6.84	170.29	
04/10/2024 01:50	12.05	4.9	101.64	15.72	13.59	2.63	61.57	15.76	32.36	13.15	272.88	36.77	7.12	166.58	
04/10/2024 01:55	11.94	4.56	103.82	15.71	13.72	2.63	61.08	15.76	32	12.22	278.28	37.09	7.1	165.15	
04/10/2024 02:00	12.03	4.63	103.81	15.71	12.79	2.02	62.75	15.73	32.21	12.39	277.83	34.42	5.44	168.81	
04/10/2024 02:05	12	4.41	102.99	15.7	13.65	2.37	61.36	15.72	32.07	11.79	275.12	36.66	6.35	164.81	
04/10/2024 02:10	11.83	4.55	103.79	15.68	13.75	2.44	61.44	15.72	31.48	12.12	276.15	36.9	6.54	164.87	
04/10/2024 02:15	12.14	4.74	103.88	15.67	12.88	2.13	62.49	15.7	32.28	12.6	276.26	34.44	5.7	167.07	
04/10/2024 02:20	12.03	4.56	101.62	15.67	13.46	2.49	61.38	15.71	31.96	12.11	270.04	36.03	6.66	164.34	
04/10/2024 02:25	11.89	4.79	103.5	15.66	13.14	2.39	61.22	15.71	31.55	12.72	274.75	35.18	6.4	163.89	
04/10/2024 02:30	12.2	5.03	103.63	15.67	12.8	2.29	62.98	15.7	32.41	13.37	275.36	34.22	6.12	168.38	
04/10/2024 02:35	12.09	4.84	101.65	15.67	13.38	2.85	61.61	15.71	32.12	12.86	270.08	35.84	7.63	165.04	
04/10/2024 02:40	11.72	5.02	103.87	15.67	13.5	2.92	61.28	15.71	31.18	13.34	276.26	36.16	7.83	164.15	
04/10/2024 02:45	11.99	5.21	103.98	15.68	12.5	2.56	62.54	15.72	31.95	13.89	277.03	33.52	6.88	167.75	
04/10/2024 02:50	11.88	4.99	102.47	15.68	13.15	3.07	62.43	15.73	31.66	13.3	273.05	35.39	8.27	167.93	
04/10/2024 02:55	11.72	5.23	104.05	15.69	13.2	3.2	62.44	15.73	31.29	13.97	277.66	35.53	8.62	168.01	
04/10/2024 03:00	12.02	5.44	103.31	15.7	12.57	2.74	63.1	15.73	32.11	14.55	276.09	33.82	7.37	169.65	
04/10/2024 03:05	11.85	5.18	102.6	15.7	13.18	3.16	62.04	15.74	31.67	13.85	274.26	35.54	8.51	167.24	
04/10/2024 03:10	11.52	5.32	104.24	15.71	13.17	3.24	62.7	15.75	30.85	14.26	279.2	35.52	8.73	169.08	
04/10/2024 03:15	11.7	5.65	104.22	15.72	12.32	2.93	64.42	15.75	31.37	15.15	279.52	33.24	7.92	173.77	
04/10/2024 03:20	11.6	5.35	102.34	15.72	12.86	3.36	62.42	15.76	31.11	14.35	274.4	34.77	9.08	168.8	
04/10/2024 03:25	11.47	5.43	104.06	15.72	12.75	3.45	62.53	15.76	30.78	14.58	279.21	34.49	9.34	169.13	
04/10/2024 03:30	11.91	5.58	103.38	15.73	12.28	2.88	63.42	15.76	32.01	14.99	277.84	33.22	7.79	171.56	
04/10/2024 03:35	11.74	5.18	101.79	15.73	12.96	3.1	62.18	15.78	31.57	13.94	273.72	35.19	8.43	168.83	
04/10/2024 03:40	11.54	5.03	104.09	15.74	13.05	3.16	62.19	15.78	31.07	13.54	280.17	35.43</			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/10/2024 05:30	11.85	5.56	102.4	15.75	12.84	3.1	63.12	15.78	32.02	15.01	276.55	34.88	8.42	171.46	
04/10/2024 05:35	11.81	5.37	101.73	15.75	13.5	3.47	62.81	15.79	31.86	14.49	274.5	36.71	9.45	170.84	
04/10/2024 05:40	11.6	5.6	103.8	15.75	13.81	3.53	63.61	15.79	31.29	15.11	280.02	37.58	9.61	173.05	
04/10/2024 05:45	11.79	5.87	105.12	15.75	12.77	3.19	63.98	15.78	31.81	15.83	283.56	34.68	8.66	173.72	
04/10/2024 05:50	11.66	5.61	103.66	15.75	13.17	3.59	62.99	15.79	31.46	15.12	279.54	35.86	9.78	171.47	
04/10/2024 05:55	11.57	5.7	105.09	15.75	13.11	3.66	63.31	15.8	31.23	15.38	283.67	35.7	9.96	172.4	
04/10/2024 06:00	11.85	6.06	107.11	15.75	12.56	3.36	65.84	15.78	32.01	16.38	289.26	34.14	9.13	178.9	
04/10/2024 06:05	11.86	5.72	103.8	15.75	13.18	3.65	64.27	15.79	32.03	15.43	280.33	35.88	9.95	174.9	
04/10/2024 06:10	11.71	5.68	103.28	15.75	13.11	3.63	63.48	15.79	31.62	15.33	278.87	35.67	9.87	172.76	
04/10/2024 06:15	11.98	5.87	103.39	15.75	12.55	3.35	63.73	15.78	32.37	15.86	279.3	34.07	9.09	173.04	
04/10/2024 06:20	11.87	5.64	101.92	15.75	13.13	3.7	62.63	15.79	32.06	15.24	275.13	35.71	10.07	170.43	
04/10/2024 06:25	11.63	5.75	104.02	15.75	13.08	3.69	62.56	15.79	31.39	15.53	280.77	35.59	10.04	170.25	
04/10/2024 06:30	11.74	6.06	105.69	15.75	12.47	3.52	64.82	15.78	31.71	16.36	285.4	33.86	9.55	176.04	
04/10/2024 06:35	11.66	5.76	103.41	15.75	13.09	3.83	63.27	15.79	31.5	15.54	279.24	35.63	10.42	172.22	
04/10/2024 06:40	11.32	5.9	105.07	15.75	13.06	3.86	63.64	15.8	30.56	15.91	283.62	35.57	10.51	173.29	
04/10/2024 06:45	11.59	6.12	105.18	15.76	12.55	3.6	65.49	15.79	31.32	16.53	284.2	34.13	9.79	178.07	
04/10/2024 06:50	11.58	5.83	103.43	15.76	13.16	3.95	65.37	15.8	31.31	15.77	279.56	35.85	10.77	178.14	
04/10/2024 06:55	11.27	6.01	106.45	15.77	13.25	3.96	65.8	15.8	30.51	16.27	288.17	36.12	10.78	179.38	
04/10/2024 07:00	11.82	6.14	107.95	15.77	12.32	3.5	66.51	15.8	32.03	16.64	292.51	33.58	9.54	181.3	
04/10/2024 07:05	11.69	5.72	106.28	15.77	13.01	3.6	66.22	15.81	31.67	15.48	287.75	35.51	9.83	180.76	
04/10/2024 07:10	11.42	5.41	107.01	15.76	13.06	3.56	67.23	15.81	30.87	14.62	289.19	35.65	9.73	183.47	
04/10/2024 07:15	11.65	5.64	108.59	15.75	12.24	2.89	67.65	15.78	31.45	15.22	293.09	33.26	7.84	183.78	
04/10/2024 07:20	11.57	5.21	106.12	15.74	13.12	2.99	64.75	15.77	31.17	14.05	285.85	35.57	8.12	175.52	
04/10/2024 07:25	11.46	5	106.39	15.71	13.09	2.97	65.03	15.77	30.72	13.41	285.2	35.48	8.05	176.22	
04/10/2024 07:30	12.05	5.11	106.59	15.71	12.62	2.52	67.66	15.74	32.27	13.68	285.38	34	6.78	182.21	
04/10/2024 07:35	11.96	4.8	103.82	15.7	13.28	2.69	66.37	15.73	31.96	12.84	277.36	35.68	7.23	178.35	
04/10/2024 07:40	11.55	4.66	105.75	15.67	13.39	2.67	65.98	15.73	30.7	12.39	281.01	35.97	7.18	177.23	
04/10/2024 07:45	11.97	4.84	105.2	15.67	12.87	2.04	65.08	15.69	31.81	12.87	279.6	34.36	5.45	173.78	
04/10/2024 07:50	12.05	4.48	102.9	15.66	13.65	2.2	61.72	15.69	31.98	11.89	272.99	36.42	5.88	164.62	
04/10/2024 07:55	12.28	4.3	103.91	15.64	13.67	2.13	61.52	15.69	32.42	11.35	274.39	36.45	5.67	163.99	
04/10/2024 08:00	12.49	4.56	105.45	15.64	13.06	1.91	65.18	15.67	32.98	12.04	278.53	34.68	5.06	173.11	
04/10/2024 08:05	12.35	4.25	103.08	15.63	13.6	2.09	63.38	15.66	32.57	11.2	271.83	36.1	5.56	168.2	
04/10/2024 08:10	11.75	4.21	104.58	15.61	13.7	2.11	63.61	15.66	30.86	11.06	274.63	36.36	5.6	168.77	
04/10/2024 08:15	12.3	4.42	105.01	15.61	12.98	1.68	64.01	15.64	32.31	11.62	275.75	34.3	4.44	169.14	
04/10/2024 08:20	12.15	4.12	102.9	15.6	13.26	1.86	62.68	15.64	31.87	10.81	269.86	35.01	4.91	165.57	
04/10/2024 08:25	11.92	4.04	104.58	15.59	12.92	1.78	62.69	15.64	31.2	10.56	273.7	34.13	4.71	165.58	
04/10/2024 08:30	12.19	4.27	104.33	15.59	12.72	1.65	65.18	15.62	31.9	11.17	273.07	33.5	4.35	171.6	
04/10/2024 08:35	12.11	4.07	103.65	15.59	13.55	1.97	63.46	15.62	31.68	10.65	271.07	35.69	5.19	167.1	
04/10/2024 08:40	11.81	4.29	105.04	15.58	13.69	2	63.5	15.62	30.87	11.23	274.59	36.04	5.27	167.18	
04/10/2024 08:45	11.89	4.63	104.53	15.59	12.74	1.93	66.56	15.62	31.1	12.1	273.52	33.52	5.09	175.13	
04/10/2024 08:50	11.87	4.37	102.74	15.59	13.2	2.34	64.36	15.63	31.05	11.44	268.68	34.8	6.16	169.64	
04/10/2024 08:55	11.71	4.59	105.86	15.58	13.11	2.36	64.44	15.63	30.62	12.01	276.77	34.54	6.22	169.8	
04/10/2024 09:00	12.02	4.81	104.81	15.59	12.64	2.2	65.02	15.62	31.46	12.58	274.3	33.27	5.8	171.1	
04/10/2024 09:05	11.9	4.61	104.29	15.59	13.25	2.68	64.21	15.63	31.14	12.06	272.86	34.96	7.07	169.34	
04/10/2024 09:10	11.65	4.86	105.97	15.59	13.25	2.7	64.16	15.63	30.49	12.73	277.45	34.95	7.13	169.21	
04/10/2024 09:15	12.1	5.13	104.89	15.6	12.6	2.57	67.16	15.64	31.76	13.45	275.23	33.26	6.79	177.29	
04/10/2024 09:20	11.93	4.87	103.38	15.6	13.28	2.91	64.25	15.65	31.31	12.79	271.33	35.16	7.7	170.08	
04/10/2024 09:25	11.53	5.14	106.26	15.61	13.56	2.95	63.83	15.65	30.31	13.5	279.27	35.9	7.82	168.94	
04/10/2024 09:30	11.59	5.47	106.48	15.61	12.57	2.77	66.14	15.65	30.49	14.37	280	33.29	7.33	175.11	
04/10/2024 09:35	11.64	5.22	104.46	15.62	13.18	3.12	63.53	15.67	30.64	13.73	274.87	35	8.28	168.7	
04/10/2024 09:40	11.52	5.32	106.72	15.63	13.23	3.19	63.08	15.67	30.4	14.03	281.59	35.15	8.47	167.56	
04/10/2024 09:45	11.04	5.56	106.75	15.63	7.83	4.15	91.32	15.63	29.15	14.68	281.79	20.68	10.94	240.76	
04/10/2024 09:50	10.79	5.4	106.57	15.64	10.27	3.77	75.59	15.68	28.5	14.25	281.51	27.32	10.04	201.1	
04/10/2024 09:55	11.03	5.44	106.45	15.66	9.8	3.96	78.95	15.67	29.25	14.42	282.22	26.05	10.52	209.98	
04/10/2024 10:00	10.34	5.71	107.46	15.66	10.68	3.09	71.01	15.7	27.44	15.14	285.09	28.53	8.27	189.68	
04/10/2024 10:05	10.61	5.31	105.65	15.66	12.1	3.05	65.57	15.72	28.17	14.09	280.48	32.45	8.19	175.78	
04/10/2024 10:10	11.01	4.94	107.53	15.67	12.17	3.03	65.28	15.72	29.28	13.14	285.96	32.63	8.13	175.03	
04/10/2024 10:15	11.44	5	107.66	15.67	12.59	2.32	64.57	15.7	30.43	13.29	286.26	33.65	6.19	172.62	
04/10/2024 10:20	11.56	4.63	106.19	15.66	13.29	2.46	63.15	15.7	30.69	12.31	281.95	35.51	6.56	168.7	
04/10/2024 10:25	11.57	4.45	105.78	15.65	13.2	2.44	62.89	15.7	30.63	11.79	280	35.26	6.51	167.96	
04/10/2024 10:30	12.14	4.57	104.52	15.65	13.16	1.93	63.52	15.67	32.14	12.09	276.6	35	5.13	168.95	
04/10/2024 10:35	12.07	4.29	103.05	15.64	13.89	2.15	61.78	15.67	31.89	11.34	272.31	36.9	5.72	164.16	
04/10/2024 10:40	11.71	4.19	105.36	15.62	14.05	2.19	62.08	15.67	30.87	11.04	277.61	37.31	5.81	164.9	
04/10/2024 10:45	12.01	4.47	106.01	15.62	13.23	1.7	63.02	15.65	31.65	11.78	279.35	35.03	4.51	166.88	
04/10/2024 10:50	12.02	4.19	104.3	15.62	13.79	1.93	61.89	15.65	31.64	11.04	274.43	36.49	5.1	163.77	
04/10/2024 10:55	11.87	4.09	105.07	15.6	13.66	1.99	62	15.65	31.11	10.72	275.47	36.12	5.25	164.01	
04/10/2024 11:00	11.79	4.33	105.58	15.59	13	1.66	63.48	15.62	30.89	11.34	276.59	34.26	4.38	167.24	
04/10/2024 11:05	11.9	4.09	103.37	15.59	13.83	2.03	61.49	15.63	31.16	10.71	270.6	36.45	5.36	162.06	
04/10/2024 11:10	11.87	4.28	104.42	15.59	13.84	2.05	61.27	15.63	31.05	11.19	273.11	36.49	5.4	161.49	
04/10/2024 11:15	12.07	4.67	105.9	15.59	13.03	1.94	63.97	15.62	31.59	12.23	277.16	34.3	5.11	168.34	
04/10/2024 11:20	12.01	4.44	103.97	15.59	13.58	2.34	62.18	15.63	31.42	11.63	271.96	35.81	6.17	163.93	
04/10/2024 11:25	11.77	4.67	105.37	15.59	13.63	2.39	61.98	15.63	30.81	12.23	275.67	35.92	6.31	163.43	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/10/2024 13:15	11.62	5.8	103.43	15.78	12.16	3.11	63.45	15.81	31.55	15.74	280.87	33.24	8.48	173.35	
04/10/2024 13:20	11.45	5.51	102.06	15.78	12.81	3.47	61.17	15.83	31.12	14.98	277.31	35.13	9.51	167.76	
04/10/2024 13:25	11.13	5.65	103.57	15.8	12.98	3.52	60.66	15.83	30.34	15.39	282.3	35.62	9.65	166.39	
04/10/2024 13:30	11.34	5.93	103.44	15.81	12.09	3.19	62.19	15.84	30.98	16.21	282.63	33.25	8.76	170.94	
04/10/2024 13:35	11.2	5.67	102.34	15.82	12.68	3.64	60.95	15.86	30.61	15.49	279.78	34.99	10.05	168.27	
04/10/2024 13:40	10.99	5.86	103.81	15.84	12.81	3.66	60.64	15.87	30.17	16.09	285.04	35.39	10.1	167.48	
04/10/2024 13:45	11.3	6.09	104.03	15.85	11.99	3.48	62.59	15.88	31.11	16.76	286.35	33.22	9.64	173.37	
04/10/2024 13:50	11.02	5.77	102.17	15.85	12.33	3.67	61.5	15.9	30.36	15.9	281.35	34.28	10.21	170.9	
04/10/2024 13:55	10.66	6.09	104.57	15.87	12.2	3.63	61.23	15.9	29.47	16.82	288.98	33.9	10.08	170.13	
04/10/2024 14:00	10.79	6.58	105.65	15.88	11.75	3.5	62.36	15.91	29.87	18.22	292.44	32.72	9.76	173.62	
04/10/2024 14:05	10.77	6.11	103.09	15.88	12.79	3.94	60.38	15.93	29.84	16.92	285.58	35.78	11.01	168.86	
04/10/2024 14:10	10.81	6.05	103.5	15.9	12.84	3.91	59.91	15.93	30.06	16.83	287.79	35.92	10.93	167.53	
04/10/2024 14:15	11.31	6.35	104.17	15.91	12.18	3.93	63.25	15.94	31.51	17.69	290.23	34.13	11.03	177.25	
04/10/2024 14:20	11.03	6.04	102.67	15.91	12.28	4	61.42	15.95	30.75	16.84	286.11	34.51	11.25	172.59	
04/10/2024 14:25	10.5	6.19	105.09	15.93	12.84	4.52	61.36	15.96	29.36	17.29	293.71	36.15	12.71	172.68	
04/10/2024 14:30	11.24	6.36	104.93	15.94	11.66	3.64	62.94	15.96	31.48	17.8	293.85	32.84	10.25	177.2	
04/10/2024 14:35	11.01	6.05	103.79	15.94	12.16	3.98	61.68	15.98	30.84	16.93	290.67	34.33	11.24	174.18	
04/10/2024 14:40	10.66	6.14	105.31	15.94	12.16	4.21	62.22	15.98	29.9	17.23	295.4	34.34	11.88	175.77	
04/10/2024 14:45	10.84	6.37	105.59	15.95	11.29	3.67	63.74	15.98	30.4	17.87	296.24	31.88	10.36	179.91	
04/10/2024 14:50	10.73	6.06	103.13	15.95	12.19	4.07	62.11	15.99	30.11	17.01	289.44	34.51	11.52	175.87	
04/10/2024 14:55	10.6	6.29	105.54	15.96	12.19	4.17	62	15.99	29.86	17.72	297.11	34.53	11.83	175.65	
04/10/2024 15:00	10.98	6.61	105.38	15.97	11.51	3.96	64.47	16	30.97	18.65	297.32	32.68	11.25	182.95	
04/10/2024 15:05	10.78	6.37	103.38	15.98	12.36	4.37	62.84	16.03	30.45	17.99	291.82	35.25	12.47	179.25	
04/10/2024 15:10	10.3	6.48	106.56	15.99	12.61	4.55	63.09	16.03	29.17	18.36	301.75	36.01	12.99	180.19	
04/10/2024 15:15	10.61	6.72	106.31	16	11.28	4.06	65.67	16.03	30.12	19.08	301.68	32.22	11.61	187.57	
04/10/2024 15:20	10.43	6.48	105.45	16	11.98	4.41	64.14	16.05	29.6	18.39	299.33	34.33	12.63	183.75	
04/10/2024 15:25	10	6.62	107.67	16.02	12.25	4.58	64.03	16.05	28.46	18.84	306.52	35.12	13.13	183.57	
04/10/2024 15:30	10.14	6.98	108.59	16.02	10.73	4	66.01	16.05	28.91	19.9	309.54	30.75	11.46	189.1	
04/10/2024 15:35	10.02	6.6	106.16	16.02	11.42	4.27	64.61	16.06	28.56	18.8	302.44	32.79	12.28	185.55	
04/10/2024 15:40	9.99	6.69	107.1	16.03	10.7	3.85	64.69	16.05	28.5	19.08	305.46	30.69	11.03	185.51	
04/10/2024 15:45	10	6.97	107.76	16.04	10.95	4.25	65.33	16.06	28.59	19.92	307.97	31.48	12.22	187.74	
04/10/2024 15:50	9.96	6.69	105.69	16.04	11.94	4.79	63.91	16.08	28.47	19.11	302.06	34.44	13.81	184.25	
04/10/2024 15:55	9.92	6.87	108.2	16.04	12.17	5.03	64.13	16.08	28.39	19.66	309.7	35.12	14.52	185.03	
04/10/2024 16:00	10.34	7	106.25	16.05	10.59	4.22	66.04	16.07	29.65	20.07	304.61	30.51	12.17	190.22	
04/10/2024 16:05	10.2	6.67	104.73	16.05	11.73	4.62	64.02	16.09	29.23	19.14	300.22	33.91	13.36	185	
04/10/2024 16:10	9.9	6.83	107.37	16.06	11.75	4.55	63.59	16.09	28.43	19.61	308.43	33.94	13.14	183.68	
04/10/2024 16:15	10.48	7.02	106.98	16.07	10.74	4.08	64.98	16.09	30.15	20.19	307.6	31.04	11.78	187.72	
04/10/2024 16:20	10.17	6.65	105.58	16.06	11.64	4.46	63.64	16.1	29.23	19.1	303.3	33.72	12.92	184.33	
04/10/2024 16:25	9.91	6.79	107.52	16.06	11.67	4.49	63.81	16.1	28.49	19.52	308.98	33.81	13	184.85	
04/10/2024 16:30	10.17	7.04	107.64	16.06	10.65	4.07	64.94	16.09	29.23	20.24	309.32	30.81	11.77	187.82	
04/10/2024 16:35	9.87	6.58	104.83	16.06	11.04	4.18	63.1	16.1	28.36	18.92	301.16	31.97	12.11	182.72	
04/10/2024 16:40	9.66	6.72	107.09	16.07	10.67	4.08	63.19	16.1	27.79	19.33	308	30.88	11.81	182.86	
04/10/2024 16:45	10.52	7.17	108.04	16.05	10.03	3.82	65.37	16.05	30.18	20.55	309.8	28.74	10.96	187.22	
04/10/2024 16:50	9.99	6.67	106.18	15.98	11.62	4.19	63.34	15.95	28.26	18.88	300.04	32.62	11.75	177.74	
04/10/2024 16:55	9.88	6.65	107.97	15.77	11.77	4.02	63.28	15.92	26.75	18	292.42	32.85	11.22	176.69	
04/10/2024 17:00	9.51	7.05	108.16	15.7	10.19	3.55	64.46	15.73	25.39	18.84	288.93	27.43	9.55	173.21	
04/10/2024 17:05	9.41	6.62	106.18	15.66	10.85	3.89	64.18	15.64	24.97	17.57	281.63	28.65	10.27	169.52	
04/10/2024 17:10	9.43	6.47	108.17	15.57	10.47	3.66	64.33	15.62	24.6	16.87	282.05	27.58	9.64	169.46	
04/10/2024 17:15	9.61	6.66	108.18	15.57	10.42	3.86	65.98	15.6	25.05	17.35	281.96	27.3	10.12	172.86	
04/10/2024 17:20	9.6	6.38	106.26	15.57	11.46	4.38	63.54	15.61	25.04	16.64	277	30.11	11.5	166.96	
04/10/2024 17:25	9.65	6.51	107.19	15.59	11.56	4.44	63.22	15.61	25.24	17.02	280.37	30.4	11.67	166.19	
04/10/2024 17:30	10.17	6.79	107.78	15.6	10.81	3.98	63.87	15.63	26.65	17.8	282.51	28.51	10.49	168.39	
04/10/2024 17:35	10.45	6.29	102.08	15.59	11.45	4.41	63.33	15.65	27.34	16.46	267.1	30.32	11.68	167.65	
04/10/2024 17:40	11.38	5.82	96.84	15.58	11.36	4.46	63.25	15.65	29.73	15.2	252.91	30.08	11.8	167.46	
04/10/2024 17:45	12.1	6.08	96.7	15.59	10.8	4.03	64.46	15.65	31.67	15.91	253.06	28.61	10.68	170.66	
04/10/2024 17:50	11.77	5.73	95.75	15.57	11.69	4.23	62.83	15.64	30.73	14.97	249.89	30.89	11.19	166.02	
04/10/2024 17:55	11.77	5.59	95.81	15.54	11.83	4.17	62.59	15.63	30.53	14.49	248.43	31.21	11.02	165.18	
04/10/2024 18:00	11.96	5.99	97.09	15.56	11.07	3.91	64.88	15.61	31.12	15.57	252.59	29.1	10.27	170.44	
04/10/2024 18:05	11.29	5.92	98.58	15.56	12.23	4.15	59.3	15.59	29.41	15.4	256.69	31.99	10.87	155.13	
04/10/2024 18:10	9.96	6.46	106.59	15.58	12.47	4.1	57.33	15.58	26.02	16.87	278.45	32.57	10.7	149.73	
04/10/2024 18:15	10.31	6.72	106.14	15.58	11.94	3.7	59.86	15.58	26.94	17.55	277.41	31.2	9.67	156.43	
04/10/2024 18:20	10.27	6.38	104.81	15.58	12.89	4.05	57.1	15.59	26.83	16.66	273.87	33.75	10.6	149.54	
04/10/2024 18:25	10.09	6.45	106.83	15.59	13.11	3.99	56.94	15.59	26.42	16.9	279.75	34.34	10.44	149.15	
04/10/2024 18:30	10.23	6.62	105.75	15.6	12.08	3.75	59.9	15.6	26.85	17.37	277.5	31.68	9.84	157.1	
04/10/2024 18:35	10.23	6.37	104.39	15.6	12.6	4.17	59.88	15.64	26.85	16.72	273.95	33.26	11.02	158.12	
04/10/2024 18:40	10.26	6.42	106.27	15.61	12.14	4.28	62.09	15.65	26.96	16.87	279.19	32.14	11.34	164.4	
04/10/2024 18:45	10.31	6.66	107.22	15.62	11.32	4.03	64.46	15.65	27.13	17.53	282.18	29.95	10.66	170.57	
04/10/2024 18:50	10.18	6.4	104.62	15.62	11.81	4.21	63.2	15.65	26.76	16.83	275.16	31.28	11.17	167.45	
04/10/2024 18:55	10.09	6.44	107.43	15.62	11.52	4.14	63.25	15.65	26.55	16.93	282.61	30.5	10.97	167.51	
04/10/2024 19:00	10.5	6.7	106.83	15.62	11.05	3.8	64.22	15.65	27.66	17.65	281.5	29.26	10.05	170.03	
04/10/2024 19:05	10.37	6.37	105.23	15.62	11.86	4.11	62.64	15.66	27.31	16.77	277.1	31.46	10.9	166.17	
04/10/2024 19:10	10.31	6.42	106.46	15.62	11.78	3.96	62.22	15.66	27.15	16.92	280.33</				



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/10/2024 21:00	9.87	6.91	109.26	15.61	10.77	4.12	66.12	15.63	25.92	18.13	286.88	28.42	10.88	174.39	
04/10/2024 21:05	9.97	6.47	106.72	15.59	11.5	4.22	64.1	15.61	26.08	16.94	279.24	30.23	11.08	168.5	
04/10/2024 21:10	10.06	6.15	107.42	15.52	11.59	4.1	63.55	15.6	25.99	15.9	277.66	30.43	10.75	166.81	
04/10/2024 21:15	10.22	6.29	107.81	15.5	11.12	3.6	65.38	15.52	26.3	16.19	277.37	28.74	9.3	168.98	
04/10/2024 21:20	10.12	6.02	106.52	15.47	11.77	3.79	63.54	15.49	25.93	15.43	272.92	30.22	9.74	163.14	
04/10/2024 21:25	9.95	5.9	107.75	15.41	12	3.83	63.95	15.48	25.18	14.93	272.71	30.77	9.82	164	
04/10/2024 21:30	10.19	6.2	108.77	15.4	11.02	3.41	66.01	15.42	25.75	15.65	274.73	27.98	8.66	167.52	
04/10/2024 21:35	10.15	5.96	107.44	15.39	11.73	3.8	64.7	15.41	25.59	15.02	270.87	29.72	9.61	163.89	
04/10/2024 21:40	9.74	6.23	108.26	15.37	11.53	3.85	64.88	15.41	24.49	15.66	272.19	29.19	9.74	164.24	
04/10/2024 21:45	10.23	6.63	108.21	15.39	10.84	3.79	65.56	15.42	25.78	16.72	272.79	27.48	9.62	166.23	
04/10/2024 21:50	10.09	6.4	106.18	15.39	11.3	4.31	64.89	15.44	25.47	16.16	267.95	28.79	10.99	165.29	
04/10/2024 21:55	9.64	6.66	108.36	15.42	11.14	4.3	65.7	15.45	24.44	16.89	274.77	28.4	10.96	167.48	
04/10/2024 22:00	10.02	6.89	108.29	15.44	10.69	4.08	65.55	15.47	25.51	17.54	275.62	27.35	10.43	167.71	
04/10/2024 22:05	9.89	6.67	106.64	15.44	11.37	4.49	64.73	15.49	25.21	16.99	271.65	29.21	11.54	166.34	
04/10/2024 22:10	9.72	6.71	107.98	15.46	11.28	4.39	64.48	15.49	24.86	17.16	276.08	29.01	11.29	165.8	
04/10/2024 22:15	9.69	6.8	107.05	15.47	10.61	4.2	66.83	15.51	24.79	17.42	274	27.35	10.82	172.2	
04/10/2024 22:20	9.73	6.51	104.72	15.48	11.39	4.58	64.91	15.53	24.94	16.69	268.34	29.45	11.85	167.91	
04/10/2024 22:25	9.76	6.66	106.86	15.49	11.39	4.6	64.92	15.53	25.07	17.1	274.49	29.48	11.9	168.04	
04/10/2024 22:30	9.9	6.95	108.05	15.49	10.78	4.22	65.33	15.53	25.45	17.87	277.71	27.88	10.91	168.96	
04/10/2024 22:35	9.8	6.68	106.54	15.49	11.52	4.56	63.9	15.53	25.19	17.16	273.82	29.84	11.81	165.49	
04/10/2024 22:40	9.83	6.66	106.48	15.5	11.5	4.56	63.59	15.53	25.29	17.15	274.03	29.78	11.82	164.7	
04/10/2024 22:45	10.08	6.89	106.01	15.51	10.68	4.18	65	15.54	25.97	17.75	273.18	27.67	10.82	168.44	
04/10/2024 22:50	10.02	6.58	104.12	15.51	11.35	4.53	63.03	15.55	25.82	16.96	268.37	29.49	11.77	163.74	
04/10/2024 22:55	9.7	6.63	106.75	15.5	11.42	4.56	63.28	15.55	24.98	17.06	274.89	29.68	11.86	164.41	
04/10/2024 23:00	10.06	6.75	107.07	15.49	10.94	4.12	64.92	15.52	25.87	17.36	275.24	28.28	10.66	167.77	
04/10/2024 23:05	9.93	6.47	105.85	15.48	11.39	4.33	63.87	15.51	25.5	16.61	271.68	29.38	11.17	164.82	
04/10/2024 23:10	9.76	6.56	106.31	15.47	11.53	4.41	63.7	15.51	25	16.81	272.19	29.75	11.37	164.36	
04/10/2024 23:15	10.35	6.83	106.41	15.48	10.81	4.17	65.48	15.51	26.54	17.5	272.74	27.86	10.74	168.74	
04/10/2024 23:20	10.15	6.59	105.17	15.47	11.3	4.55	65.4	15.52	26.01	16.89	269.43	29.17	11.74	168.85	
04/10/2024 23:25	9.66	6.66	107.54	15.48	11.3	4.56	65.59	15.52	24.76	17.08	275.64	29.17	11.79	169.38	
04/10/2024 23:30	10.23	6.96	107.33	15.48	10.62	4.2	66.1	15.51	26.25	17.85	275.39	27.41	10.83	170.56	
04/10/2024 23:35	10.17	6.64	104.99	15.48	11.48	4.6	64.95	15.53	26.09	17.05	269.37	29.69	11.89	167.98	
04/10/2024 23:40	9.7	6.61	106.33	15.49	11.56	4.64	64.95	15.53	24.91	16.97	273.09	29.91	12.01	168.02	
04/10/2024 23:45	9.88	6.88	105.8	15.49	10.71	4.16	63.84	15.53	25.4	17.68	271.88	27.69	10.76	165.08	
04/10/2024 23:50	9.85	6.65	104.4	15.49	11.29	4.49	63.1	15.54	25.32	17.1	268.3	29.26	11.65	163.52	
04/10/2024 23:55	9.67	6.68	107.33	15.5	11.3	4.64	63.8	15.54	24.88	17.2	276.13	29.31	12.05	165.51	
05/10/2024 00:00	10.25	6.71	105.36	15.5	10.81	4.23	64.38	15.53	26.42	17.29	271.44	28	10.96	166.71	
05/10/2024 00:05	10.09	6.51	104.16	15.5	11.36	4.49	63.18	15.54	25.97	16.75	268.11	29.45	11.65	163.84	
05/10/2024 00:10	9.75	6.65	106.18	15.5	11.42	4.53	63.86	15.54	25.11	17.12	273.3	29.63	11.76	165.67	
05/10/2024 00:15	10.02	6.92	106.98	15.51	10.69	4.13	64.51	15.54	25.85	17.86	275.92	27.7	10.7	167.15	
05/10/2024 00:20	9.93	6.67	105.88	15.51	11.41	4.5	62.97	15.54	25.58	17.18	272.78	29.6	11.67	163.38	
05/10/2024 00:25	9.59	6.71	107.28	15.5	11.61	4.5	63.13	15.54	24.68	17.29	276.23	30.12	11.68	163.77	
05/10/2024 00:30	10.17	6.9	106.4	15.51	10.44	4.06	63.72	15.54	26.23	17.79	274.29	27.06	10.52	165.13	
05/10/2024 00:35	10.02	6.66	104.54	15.5	11.43	4.37	63.11	15.53	25.79	17.14	268.9	29.58	11.3	163.36	
05/10/2024 00:40	9.72	6.5	107.22	15.46	11.58	4.42	63.56	15.53	24.84	16.62	274.1	29.94	11.44	164.38	
05/10/2024 00:45	9.94	6.72	106.81	15.46	10.75	4.06	65.97	15.49	25.38	17.15	272.66	27.62	10.43	169.55	
05/10/2024 00:50	9.87	6.52	105.32	15.45	11.23	4.5	64.58	15.49	25.17	16.64	268.68	28.84	11.55	165.82	
05/10/2024 00:55	9.54	6.7	107.88	15.44	11.08	4.55	64.81	15.49	24.31	17.07	274.83	28.44	11.68	166.4	
05/10/2024 01:00	9.85	6.89	107.88	15.45	10.51	4.18	65.03	15.48	25.13	17.58	275.13	26.96	10.71	166.8	
05/10/2024 01:05	9.79	6.64	106	15.45	11.35	4.52	62.69	15.49	24.96	16.91	270.15	29.15	11.61	160.95	
05/10/2024 01:10	9.44	6.72	107.06	15.44	11.42	4.55	62.53	15.48	24.05	17.12	272.6	29.32	11.68	160.5	
05/10/2024 01:15	9.68	7.29	107.82	15.45	10.55	4.22	66.1	15.48	24.69	18.59	275.04	27.06	10.82	169.58	
05/10/2024 01:20	9.67	6.84	105.74	15.45	11.26	4.55	63.73	15.49	24.66	17.44	269.53	28.9	11.67	163.65	
05/10/2024 01:25	9.6	6.71	106.54	15.44	11.41	4.56	63.17	15.48	24.41	17.07	271.03	29.27	11.71	162.09	
05/10/2024 01:30	9.76	6.87	107	15.44	10.63	4.25	64.55	15.48	24.87	17.49	272.6	27.24	10.9	165.45	
05/10/2024 01:35	9.63	6.69	105.1	15.45	11.21	4.65	65.05	15.5	24.56	17.05	267.95	28.85	11.96	167.4	
05/10/2024 01:40	9.55	6.73	106.89	15.47	11.3	4.66	64.77	15.5	24.45	17.24	273.64	29.09	12	166.76	
05/10/2024 01:45	9.83	6.94	107.33	15.48	10.62	4.26	64.85	15.51	25.21	17.81	275.26	27.41	10.99	167.28	
05/10/2024 01:50	9.83	6.69	106.2	15.48	11.34	4.63	64.17	15.53	25.22	17.16	272.46	29.35	11.99	166.1	
05/10/2024 01:55	9.55	6.74	107.15	15.49	11.44	4.64	64.34	15.53	24.56	17.33	275.54	29.61	12.02	166.59	
05/10/2024 02:00	9.72	6.87	106.7	15.5	10.67	4.27	65.3	15.53	25.04	17.68	274.74	27.64	11.05	169.09	
05/10/2024 02:05	9.73	6.6	105.33	15.5	11.4	4.52	62.93	15.54	25.03	17	271.06	29.59	11.72	163.27	
05/10/2024 02:10	9.7	6.66	106.6	15.5	11.56	4.46	62.39	15.54	24.96	17.15	274.39	30	11.56	161.86	
05/10/2024 02:15	9.93	6.89	106.57	15.49	10.63	4.14	66.33	15.51	25.52	17.69	273.79	27.4	10.68	170.89	
05/10/2024 02:20	9.85	6.6	105.26	15.46	11.35	4.3	65.44	15.48	25.19	16.89	269.13	29.08	11.01	167.67	
05/10/2024 02:25	9.68	6.39	107.43	15.39	11.42	4.31	66.05	15.47	24.42	16.13	270.94	29.22	11.04	168.98	
05/10/2024 02:30	9.88	6.58	107.66	15.37	10.54	3.79	65.9	15.4	24.84	16.54	270.57	26.64	9.58	166.57	
05/10/2024 02:35	9.91	6.24	105.45	15.35	11.28	3.93	64.08	15.38	24.85	15.65	264.32	28.39	9.89	161.29	
05/10/2024 02:40	10.01	5.96	105.44	15.32	11.28	3.92	64.52	15.37	24.91	14.83	262.48	28.37	9.87	162.26	
05/10/2024 02:45	10.38	6.07	104.69	15.32	10.98	3.33	62.71	15.34	25.83	15.11	260.65	27.47	8.34	156.86	
05/10/2024 02:50	10.33	5.74	102.49	15.31	11.67	3.62	61.61	15.33	25.68	14.27	254.65	29.14	9.05	153.87	
05/10/2024 02:55	9.84	5.81	105.34	15.28	11.69	3.61	61.47	15.33	24.33	14.36	260.46	29.18	9.02	153.47	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@ck1	SO2@ck1	CO@ck2	NOx@ck2	SO2@ck2	CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
05/10/2024 04:45	10.58	5.61	103.85	15.08	11.5	3.02	62.38	15.12	25.28	13.4	248.22	27.65	7.26	149.92
05/10/2024 04:50	10.61	5.37	102.21	15.08	12.15	3.24	60.91	15.13	25.35	12.84	244.26	29.26	7.81	146.66
05/10/2024 04:55	10.34	5.41	104.92	15.09	12.2	3.2	60.72	15.13	24.73	12.95	251.06	29.38	7.72	146.19
05/10/2024 05:00	10.82	5.68	104.69	15.1	11.5	2.92	63.39	15.12	25.92	13.62	250.83	27.67	7.03	152.46
05/10/2024 05:05	10.75	5.44	102.94	15.09	12.14	3.35	61.57	15.11	25.72	13.02	246.14	29.14	8.04	147.85
05/10/2024 05:10	10.26	5.47	105.26	15.06	12.22	3.41	61.77	15.11	24.41	13.01	250.41	29.31	8.18	148.18
05/10/2024 05:15	10.61	5.66	105.31	15.06	11.44	3.03	63.41	15.09	25.26	13.47	250.81	27.39	7.26	151.8
05/10/2024 05:20	10.61	5.44	103.04	15.06	11.93	3.23	61.81	15.1	25.27	12.96	245.34	28.57	7.75	148.08
05/10/2024 05:25	10.2	5.43	105.62	15.06	11.98	3.22	61.45	15.1	24.28	12.93	251.35	28.71	7.71	147.2
05/10/2024 05:30	10.98	5.64	104.87	15.07	11.34	2.98	64.8	15.1	26.16	13.45	249.92	27.16	7.14	155.21
05/10/2024 05:35	10.9	5.41	103.15	15.07	12.03	3.24	62.28	15.11	25.97	12.9	245.82	28.88	7.77	149.5
05/10/2024 05:40	10.19	5.42	105.72	15.06	12.05	3.27	62.81	15.11	24.25	12.89	251.56	28.93	7.85	150.86
05/10/2024 05:45	10.6	5.72	105.98	15.05	11.27	2.9	63.34	15.09	25.2	13.6	251.85	26.94	6.94	151.41
05/10/2024 05:50	10.55	5.52	103.76	15.04	11.83	3.26	62.79	15.08	25.04	13.09	246.25	28.23	7.79	149.9
05/10/2024 05:55	10.18	5.41	105.81	15.03	11.86	3.28	63.03	15.08	24.13	12.82	250.66	28.31	7.84	150.45
05/10/2024 06:00	10.33	5.52	104.85	15.04	11.15	2.97	64.04	15.07	24.51	13.11	248.8	26.57	7.07	152.66
05/10/2024 06:05	10.43	5.31	103.23	15.04	11.84	3.18	62.78	15.08	24.74	12.59	244.87	28.28	7.6	149.91
05/10/2024 06:10	10.13	5.4	105.83	15.05	11.83	3.13	62.05	15.08	24.07	12.82	251.32	28.23	7.46	148.1
05/10/2024 06:15	10.44	5.58	105.46	15.06	11.32	3.13	64.52	15.09	24.84	13.29	250.97	27.08	7.48	154.33
05/10/2024 06:20	10.37	5.41	103.61	15.06	11.58	3.14	63.01	15.09	24.67	12.88	246.48	27.71	7.5	150.74
05/10/2024 06:25	10.13	5.67	105.39	15.06	11.7	3.24	63.3	15.09	24.14	13.51	251.02	28.02	7.75	151.53
05/10/2024 06:30	10.34	6	104.69	15.08	11.11	3.46	63.7	15.13	24.72	14.35	250.19	26.74	8.33	153.36
05/10/2024 06:35	10.33	5.89	103.14	15.1	11.73	4.02	63.59	15.17	24.77	14.12	247.21	28.44	9.74	154.17
05/10/2024 06:40	9.99	6.14	105.96	15.15	11.86	4.11	63.84	15.17	24.14	14.84	256.01	28.79	9.98	154.97
05/10/2024 06:45	10.1	6.44	105.97	15.17	11.11	3.85	64.82	15.2	24.5	15.63	257.06	27.11	9.4	158.15
05/10/2024 06:50	10.03	6.27	104.32	15.18	11.46	4.19	63.72	15.24	24.38	15.24	253.46	28.11	10.29	156.36
05/10/2024 06:55	9.82	6.35	106.12	15.2	11.42	4.24	64.09	15.24	23.96	15.49	258.97	28.05	10.41	157.42
05/10/2024 07:00	10.31	6.65	105.86	15.22	10.77	3.99	64.6	15.28	25.23	16.27	259.06	26.66	9.87	159.81
05/10/2024 07:05	10.24	6.37	103.69	15.23	11.27	4.27	62.33	15.31	25.1	15.62	254.01	28.04	10.62	155.11
05/10/2024 07:10	9.63	6.41	105.79	15.24	11.28	4.27	61.78	15.31	23.68	15.76	260.02	28.06	10.61	153.65
05/10/2024 07:15	9.91	6.68	106.54	15.26	10.6	3.95	64.01	15.37	24.43	16.47	262.62	26.64	9.93	160.82
05/10/2024 07:20	9.89	6.36	103.58	15.27	11.29	4.31	61.92	15.41	24.45	15.69	255.73	28.56	10.9	156.7
05/10/2024 07:25	9.63	6.39	104.98	15.28	11.47	4.28	61.67	15.4	23.81	15.8	259.54	28.98	10.82	155.82
05/10/2024 07:30	9.76	6.66	105.08	15.29	10.63	4.01	62.51	15.41	24.19	16.51	260.54	26.91	10.14	158.15
05/10/2024 07:35	9.7	6.42	103.01	15.3	11.06	4.31	61.44	15.44	24.06	15.92	255.57	28.16	10.98	156.46
05/10/2024 07:40	9.65	6.52	105.93	15.31	10.97	4.33	61.14	15.43	23.99	16.2	263.21	27.87	11	155.36
05/10/2024 07:45	9.86	6.77	106.79	15.32	10.46	4	62.01	15.48	24.57	16.86	266.03	26.84	10.26	159.01
05/10/2024 07:50	9.8	6.5	104.66	15.33	11.16	4.31	60.24	15.56	24.47	16.22	261.08	29.02	11.21	156.7
05/10/2024 07:55	9.52	6.43	106.01	15.32	11.19	4.27	60.02	15.55	23.69	16.01	263.87	29.05	11.08	155.84
05/10/2024 08:00	9.98	6.59	105.47	15.32	10.5	3.95	62.11	15.51	24.85	16.41	262.68	27.1	10.18	160.09
05/10/2024 08:05	9.86	6.34	103.16	15.33	10.98	4.21	59.74	15.58	24.61	15.8	257.13	28.7	11	156.14
05/10/2024 08:10	9.61	6.49	105.4	15.31	10.98	4.16	59.08	15.56	23.91	16.15	262.23	28.61	10.83	153.9
05/10/2024 08:15	9.75	6.63	104.84	15.32	10.31	3.92	61.67	15.51	24.31	16.52	261.25	26.61	10.1	158.91
05/10/2024 08:20	9.8	6.41	103.13	15.33	11.1	4.3	60.39	15.56	24.47	15.99	257.39	28.91	11.21	157.26
05/10/2024 08:25	9.57	6.46	105.14	15.34	11.28	4.35	60.59	15.54	23.91	16.14	262.66	29.25	11.27	157.11
05/10/2024 08:30	10.06	6.73	105.12	15.35	10.39	4.06	63.35	15.51	25.21	16.85	263.28	26.77	10.45	163.13
05/10/2024 08:35	9.89	6.48	104.7	15.36	10.83	4.27	61.34	15.54	24.81	16.24	262.5	28.07	11.08	159.02
05/10/2024 08:40	9.43	6.48	105.12	15.37	10.86	4.27	61.75	15.53	23.7	16.3	264.34	28.1	11.04	159.78
05/10/2024 08:45	9.84	6.57	104.64	15.38	10.49	4	63.03	15.54	24.79	16.55	263.72	27.23	10.37	163.41
05/10/2024 08:50	9.74	6.33	102.92	15.4	10.87	4.24	60.41	15.61	24.61	15.98	259.79	28.59	11.15	158.87
05/10/2024 08:55	9.59	6.53	104.64	15.41	10.77	4.24	60.25	15.6	24.26	16.52	264.72	28.23	11.11	157.97
05/10/2024 09:00	9.88	6.76	104.48	15.42	10.17	3.92	61.97	15.6	25.06	17.15	264.96	26.69	10.28	162.39
05/10/2024 09:05	9.84	6.49	102.52	15.43	10.99	4.29	58.66	15.68	25	16.49	260.31	29.28	11.43	156.35
05/10/2024 09:10	9.59	6.45	104.11	15.43	10.98	4.39	58.66	15.67	24.38	16.39	264.56	29.21	11.68	156
05/10/2024 09:15	10	6.76	104.97	15.45	10.3	4.04	62.63	15.62	25.49	17.23	267.55	27.11	10.63	164.64
05/10/2024 09:20	9.91	6.43	102.62	15.46	10.83	4.32	60.66	15.66	25.32	16.41	261.93	28.73	11.45	160.93
05/10/2024 09:25	9.61	6.37	103.53	15.46	11.08	4.53	59.94	15.64	24.56	16.27	264.46	29.29	11.99	158.46
05/10/2024 09:30	9.86	6.6	103.5	15.47	10.62	3.87	61.47	15.62	25.25	16.89	264.95	27.94	10.19	161.69
05/10/2024 09:35	9.85	6.3	101.16	15.48	11.61	4.35	60.13	15.65	25.25	16.14	259.19	30.75	11.52	159.31
05/10/2024 09:40	9.91	6.08	101.71	15.46	11.42	4.22	60.81	15.64	25.32	15.53	259.89	30.2	11.16	160.82
05/10/2024 09:45	10.46	6.35	102.91	15.47	10.93	3.75	59.64	15.59	26.77	16.24	263.28	28.63	9.82	156.18
05/10/2024 09:50	10.29	6.03	100.66	15.47	11.69	4.05	58.33	15.63	26.36	15.42	257.59	30.81	10.66	153.75
05/10/2024 09:55	9.78	6.16	102.68	15.47	11.66	4	58.98	15.62	25.03	15.78	262.81	30.67	10.53	155.2
05/10/2024 10:00	10.08	6.33	100.11	15.49	10.96	3.84	61.08	15.59	25.88	16.26	257.02	28.71	10.05	159.9
05/10/2024 10:05	10.01	6.03	98.73	15.49	11.55	4.07	59.98	15.62	25.73	15.49	253.74	30.44	10.71	158.02
05/10/2024 10:10	9.94	6.05	101.54	15.51	11.52	3.99	60.94	15.62	25.63	15.6	261.66	30.33	10.5	160.48
05/10/2024 10:15	10.48	6.3	101.3	15.52	10.56	3.63	62.5	15.61	27.1	16.29	261.96	27.76	9.55	164.27
05/10/2024 10:20	10.3	6.01	99.26	15.53	11.4	4.18	61.28	15.65	26.69	15.56	257.08	30.2	11.08	162.35
05/10/2024 10:25	9.89	6.04	100.64	15.56	10.98	4.02	61.64	15.65	25.74	15.71	261.82	29.09	10.64	163.25
05/10/2024 10:30	10.33	6.4	103.48	15.57	10.7	3.78	61.75	15.66	26.94	16.69	269.79	28.39	10.04	163.82
05/10/2024 10:35	10.11	6.09	102.17	15.58	11.17	3.96	61.17	15.7	26.39	15.88	266.72	29.87	10.58	163.53
05/10/2024 10:40	9.87	6.01	101.08	15.6	10.86	3.85	60.55	15.7	25.89	15.76	265.12	29.01	10.27	161.75
05/10/2024 10:45	10.3	6.26	100.28	15.62	10.71	3.72	61.78	15.69	27.09	16.48	263.85	28.59	9.92	164.78
05/10/2024 10:50	10.18	5.99	98.9	15.62	11.5	3.89	59.85	15.73	26.8</					



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
05/10/2024 12:30	10.42	6.21	101.82	15.83	10.83	3.69	62.25	15.92	28.58	17.03	279.39	30.23	10.3	173.63	
05/10/2024 12:35	10.35	5.89	99.45	15.85	11.38	4.01	60.64	16	28.48	16.2	273.36	32.27	11.37	172.01	
05/10/2024 12:40	9.99	5.86	100.67	15.86	12.22	4.5	60.59	16.01	27.55	16.16	277.53	34.73	12.8	172.22	
05/10/2024 12:45	10.54	6.12	101.88	15.87	10.58	3.23	60.01	15.95	29.13	16.92	281.56	29.71	9.06	168.38	
05/10/2024 12:50	10.33	5.74	99.48	15.88	11.62	3.93	60.09	15.99	28.58	15.89	275.18	32.89	11.12	170.09	
05/10/2024 12:55	9.88	5.79	101.43	15.89	11.11	3.58	60.06	15.98	27.38	16.06	281.25	31.41	10.12	169.84	
05/10/2024 13:00	10.25	6.16	102.86	15.9	10.51	3.32	61.98	15.97	28.48	17.13	285.85	29.63	9.35	174.7	
05/10/2024 13:05	10.08	5.78	100.48	15.9	11.24	3.72	61.01	16	28.01	16.07	279.11	31.86	10.54	172.98	
05/10/2024 13:10	10.02	5.7	100.98	15.88	11.08	3.6	60.78	15.99	27.75	15.81	279.75	31.35	10.17	171.98	
05/10/2024 13:15	10.25	5.93	100.74	15.89	10.57	3.21	61.37	15.96	28.4	16.44	279.25	29.75	9.03	172.6	
05/10/2024 13:20	10.13	5.61	98.75	15.89	11.35	3.7	59.61	16.01	28.1	15.55	273.75	32.25	10.53	169.42	
05/10/2024 13:25	9.94	5.77	101.62	15.89	11.33	3.69	59.19	16.01	27.59	16.01	281.88	32.2	10.49	168.22	
05/10/2024 13:30	9.99	6.13	103.21	15.9	10.53	3.28	60.35	15.98	27.75	17.04	286.69	29.75	9.26	170.39	
05/10/2024 13:35	9.79	5.81	102.29	15.9	11.2	3.72	60.2	16.05	27.24	16.15	284.56	32.09	10.65	172.48	
05/10/2024 13:40	9.82	5.86	102.52	15.92	10.97	3.63	60.36	16.05	27.45	16.39	286.42	31.45	10.4	173.04	
05/10/2024 13:45	10.04	6.07	102.13	15.94	10.47	3.27	61.33	16.01	28.13	16.99	286.07	29.77	9.31	174.26	
05/10/2024 13:50	9.9	5.71	99.93	15.95	11.27	3.8	61.03	16.05	27.8	16.02	280.33	32.29	10.89	174.86	
05/10/2024 13:55	9.87	5.82	101.5	15.96	11.11	3.77	61.34	16.05	27.79	16.38	285.8	31.83	10.79	175.75	
05/10/2024 14:00	10.39	6.13	102.48	15.98	10.3	3.28	62.7	16.03	29.33	17.3	289.39	29.43	9.37	179.04	
05/10/2024 14:05	10.17	5.79	100.8	15.98	11.49	3.75	60.83	16.07	28.75	16.35	284.85	33.05	10.79	175	
05/10/2024 14:10	9.91	5.86	102.8	16	11.7	3.74	60.47	16.07	28.12	16.62	291.5	33.65	10.74	173.86	
05/10/2024 14:15	10.5	6.1	103.06	16.01	10.54	3.22	61.97	16.06	29.84	17.34	292.93	30.27	9.25	177.89	
05/10/2024 14:20	10.33	5.78	100.25	16.01	11.28	3.71	61.43	16.09	29.37	16.43	285.14	32.56	10.72	177.36	
05/10/2024 14:25	9.96	5.7	100.76	16.03	11.19	3.63	61.25	16.09	28.44	16.28	287.68	32.3	10.47	176.85	
05/10/2024 14:30	10.46	6.06	101.74	16.04	10.54	3.19	62.23	16.08	29.91	17.35	291.01	30.38	9.21	179.38	
05/10/2024 14:35	10.26	5.71	100.36	16.04	11.71	3.64	59.87	16.1	29.35	16.34	287.06	33.93	10.54	173.53	
05/10/2024 14:40	9.99	5.74	102.14	16.05	11.77	3.66	59.58	16.1	28.62	16.44	292.64	34.1	10.6	172.7	
05/10/2024 14:45	10.55	6.06	101.91	16.06	10.62	3.08	61.47	16.08	30.26	17.39	292.38	30.64	8.89	177.3	
05/10/2024 14:50	10.28	5.71	100.41	16.04	11.63	3.5	60.5	16.07	29.4	16.34	287.08	33.45	10.06	174.02	
05/10/2024 14:55	9.99	5.57	102	16	11.63	3.45	60.38	16.06	28.37	15.82	289.52	33.38	9.92	173.37	
05/10/2024 15:00	10.69	5.87	101.17	16	10.72	3.08	60.89	16.04	30.33	16.65	287.17	30.65	8.8	173.98	
05/10/2024 15:05	10.53	5.51	99.06	16	11.66	3.63	60.59	16.04	29.88	15.64	281.02	33.38	10.4	173.46	
05/10/2024 15:10	9.98	5.54	101.4	16	11.67	3.64	60.66	16.04	28.32	15.72	287.66	33.41	10.43	173.62	
05/10/2024 15:15	10.5	5.9	102.54	16.01	10.69	3.12	61.82	16.04	29.82	16.75	291.33	30.57	8.91	176.73	
05/10/2024 15:20	10.33	5.6	100.99	16.01	11.67	3.59	60.02	16.06	29.36	15.92	286.99	33.53	10.31	172.4	
05/10/2024 15:25	9.84	5.62	102.73	16.02	11.69	3.55	59.5	16.06	28.04	16.03	292.66	33.57	10.19	170.91	
05/10/2024 15:30	10.4	5.98	102.8	16.04	10.76	3.17	61.82	16.06	29.72	17.08	293.85	30.91	9.11	177.61	
05/10/2024 15:35	10.32	5.64	100.73	16.04	11.74	3.56	60.58	16.08	29.49	16.12	287.79	33.86	10.27	174.67	
05/10/2024 15:40	9.98	5.61	102.43	16.03	11.91	3.55	60.23	16.08	28.51	16.02	292.51	34.31	10.23	173.58	
05/10/2024 15:45	10.36	5.91	101.61	16.04	10.85	3.06	61.14	16.07	29.65	16.9	290.71	31.22	8.81	175.89	
05/10/2024 15:50	10.2	5.57	100.16	16.04	11.58	3.56	60.73	16.08	29.14	15.92	286.22	33.39	10.27	175.14	
05/10/2024 15:55	9.94	5.63	102.79	16.02	11.58	3.56	60.86	16.08	28.34	16.05	293.04	33.38	10.27	175.44	
05/10/2024 16:00	10.3	5.91	102.84	16.02	10.73	3.1	63.66	16.04	29.36	16.86	293.07	30.71	8.87	182.22	
05/10/2024 16:05	10.12	5.62	100.94	16	11.63	3.48	60.34	16.02	28.74	15.97	286.5	33.13	9.91	171.91	
05/10/2024 16:10	9.98	5.53	102.41	15.94	11.56	3.38	60.25	16.01	27.96	15.49	286.99	32.88	9.6	171.35	
05/10/2024 16:15	10.26	5.8	102.71	15.93	10.61	2.96	61.63	15.96	28.69	16.21	287.1	29.83	8.33	173.29	
05/10/2024 16:20	10.05	5.48	101.35	15.91	11.38	3.52	60.83	15.95	28.01	15.27	282.49	31.94	9.87	170.68	
05/10/2024 16:25	9.77	5.57	103.03	15.89	11.39	3.45	60.91	15.94	27.12	15.45	285.89	31.95	9.69	170.81	
05/10/2024 16:30	10.15	5.82	101.68	15.9	10.49	3.06	62.37	15.92	28.21	16.19	282.57	29.3	8.54	174.17	
05/10/2024 16:35	9.98	5.51	100.29	15.89	11.34	3.59	61.49	15.93	27.71	15.31	278.42	31.74	10.06	172.14	
05/10/2024 16:40	9.7	5.73	104.01	15.89	11.23	3.52	61.23	15.93	26.9	15.89	288.44	31.45	9.85	171.41	
05/10/2024 16:45	10.19	5.92	103.25	15.89	10.41	3.12	63.06	15.91	28.24	16.4	286.18	29.02	8.71	175.8	
05/10/2024 16:50	10.05	5.6	101.99	15.88	11.12	3.59	61.93	15.93	27.83	15.51	282.42	31.09	10.03	173.11	
05/10/2024 16:55	9.84	5.62	103.3	15.87	10.94	3.55	62.06	15.93	27.21	15.54	285.67	30.57	9.92	173.46	
05/10/2024 17:00	10.47	5.99	103.41	15.87	10.4	3.15	62.85	15.9	28.93	16.55	285.83	28.92	8.75	174.78	
05/10/2024 17:05	10.18	5.7	102.09	15.86	11.18	3.67	62.1	15.9	28.1	15.74	281.71	31.11	10.2	172.79	
05/10/2024 17:10	9.48	5.79	105.17	15.85	11.36	3.67	61.98	15.9	26.08	15.94	289.29	31.59	10.22	172.37	
05/10/2024 17:15	10.12	6.17	104.87	15.85	10.6	3.26	63.57	15.88	27.84	16.98	288.63	29.36	9.05	176.13	
05/10/2024 17:20	9.9	5.78	102.95	15.84	11.07	3.59	61.95	15.89	27.21	15.89	282.95	30.7	9.95	171.7	
05/10/2024 17:25	9.71	5.74	103.66	15.83	10.36	3.17	61.94	15.88	26.62	15.74	284.17	28.67	8.78	171.44	
05/10/2024 17:30	9.92	5.92	102.2	15.83	9.75	3	64.35	15.86	27.2	16.23	280.27	26.89	8.28	177.46	
05/10/2024 17:35	10.01	5.43	99.27	15.81	10.61	3.4	63.37	15.86	27.33	14.83	271.19	29.29	9.38	174.88	
05/10/2024 17:40	11.25	5.14	94.36	15.77	10.08	2.89	63.33	15.85	30.46	13.91	255.59	27.77	7.97	174.47	
05/10/2024 17:45	12.17	5.35	94.3	15.77	10.27	3.13	63.57	15.84	32.99	14.51	255.53	28.24	8.61	174.73	
05/10/2024 17:50	11.76	5.09	93.02	15.77	11.27	3.88	62.71	15.86	31.84	13.79	251.86	31.07	10.71	172.89	
05/10/2024 17:55	11.47	5.1	93.86	15.76	11.39	4	62.86	15.86	31	13.77	253.62	31.41	11.04	173.34	
05/10/2024 18:00	11.38	5.51	93.92	15.76	9.88	2.98	63.68	15.83	30.77	14.88	253.82	27.1	8.18	174.55	
05/10/2024 18:05	10.85	5.36	94.23	15.76	10.92	3.75	63.2	15.84	29.36	14.51	254.98	30.04	10.31	173.78	
05/10/2024 18:10	9.83	5.76	102.75	15.79	10.58	3.56	62.98	15.84	26.71	15.67	279.27	29.06	9.79	173.04	
05/10/2024 18:15	10.09	6.11	102.65	15.8	11.2	3.31	58.81	15.8	27.49	16.65	279.56	30.54	9.01	160.38	
05/10/2024 18:20	9.94	5.74	100.61	15.79	11.75	3.41	56.63	15.8	27.04	15.62	273.64	32.02	9.3	154.31	
05/10/2024 18:25	9.63	5.87	103.6	15.78	11.13	2.88	56.36	15.79	26.14	15.93	281.2	30.27	7.83	153.33	
05/10/2024															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
05/10/2024 20:15	9.6	6.27	104.12	15.72	10.48	3.67	62.36	15.78	25.77	16.82	279.43	28.46	9.98	169.27	
05/10/2024 20:20	9.58	5.95	101.4	15.72	11.03	3.99	61.34	15.8	25.69	15.96	271.93	30.05	10.87	167.17	
05/10/2024 20:25	9.48	5.96	103.71	15.71	11.3	4.24	61.28	15.8	25.39	15.96	277.86	30.79	11.55	167.02	
05/10/2024 20:30	10.01	6.12	102.07	15.72	10.92	3.92	62.79	15.78	26.84	16.41	273.76	29.62	10.62	170.28	
05/10/2024 20:35	9.95	5.81	100.2	15.72	10.95	3.7	61.08	15.79	26.67	15.59	268.6	29.77	10.06	166.13	
05/10/2024 20:40	9.79	5.8	101.97	15.71	11.61	4.24	61.77	15.8	26.21	15.53	272.95	31.61	11.54	168.19	
05/10/2024 20:45	10.02	6.14	103.06	15.71	10.67	3.73	63.69	15.77	26.86	16.45	276.26	28.92	10.11	172.57	
05/10/2024 20:50	9.8	5.81	101.52	15.71	10.72	3.64	62.48	15.79	26.25	15.57	271.9	29.15	9.9	169.88	
05/10/2024 20:55	9.82	5.75	102.44	15.71	10.16	3.24	62.27	15.78	26.27	15.4	274.09	27.58	8.79	169.08	
05/10/2024 21:00	10.3	5.97	101.18	15.71	10.55	3.27	61.98	15.76	27.59	16	271.1	28.54	8.85	167.71	
05/10/2024 21:05	10.15	5.72	99.93	15.71	11.31	3.76	60.7	15.79	27.19	15.33	267.52	30.75	10.23	164.97	
05/10/2024 21:10	9.82	5.83	103.49	15.7	11.02	3.61	61.05	15.78	26.25	15.57	276.68	29.92	9.81	165.82	
05/10/2024 21:15	10.26	6	101.97	15.7	10.7	3.47	62.68	15.76	27.4	16.03	272.72	28.95	9.37	169.38	
05/10/2024 21:20	10.23	5.72	100.99	15.7	11.93	3.91	60.68	15.79	27.34	15.27	269.82	32.44	10.64	164.98	
05/10/2024 21:25	10.04	5.69	101.99	15.69	12.38	3.8	60.5	15.79	26.79	15.18	272.08	33.65	10.33	164.49	
05/10/2024 21:30	10.26	5.93	101.49	15.69	11	3.52	62.84	15.75	27.36	15.81	270.74	29.72	9.51	169.7	
05/10/2024 21:35	10.2	5.61	99.57	15.69	11.29	3.69	61.35	15.77	27.2	14.97	265.56	30.58	9.99	166.21	
05/10/2024 21:40	10.07	5.7	101.16	15.68	11.47	3.69	61.19	15.77	26.84	15.2	269.57	31.06	9.99	165.7	
05/10/2024 21:45	10.41	5.95	101.33	15.69	10.7	3.39	62.65	15.74	27.78	15.87	270.45	28.82	9.14	168.77	
05/10/2024 21:50	10.16	5.71	100.1	15.69	11.33	3.95	61.94	15.76	27.12	15.23	266.95	30.65	10.68	167.56	
05/10/2024 21:55	9.76	5.8	102.98	15.68	11.27	3.96	62.25	15.76	25.96	15.45	274.02	30.48	10.7	168.42	
05/10/2024 22:00	10.18	6.2	103.65	15.69	10.7	3.7	65.16	15.73	27.14	16.52	276.31	28.78	9.94	175.17	
05/10/2024 22:05	10.12	5.91	101.88	15.68	11.27	3.69	61.9	15.75	26.96	15.74	271.32	30.39	9.94	166.96	
05/10/2024 22:10	9.85	5.83	103.69	15.66	11.47	3.63	61.61	15.74	26.13	15.47	275.2	30.92	9.78	166.08	
05/10/2024 22:15	9.83	6.18	105.35	15.66	10.99	3.59	62.67	15.72	26.11	16.41	279.67	29.49	9.63	168.18	
05/10/2024 22:20	9.83	5.94	103.49	15.66	11.5	4.04	61.75	15.74	26.09	15.75	274.54	30.97	10.89	166.3	
05/10/2024 22:25	9.69	5.98	105.09	15.65	12.02	4.44	61.91	15.74	25.68	15.85	278.49	32.37	11.96	166.78	
05/10/2024 22:30	9.91	6.3	106.36	15.66	10.45	3.66	63.83	15.72	26.28	16.71	282.11	28.02	9.81	171.09	
05/10/2024 22:35	9.78	6.09	104.54	15.66	11.19	4.11	61.53	15.74	25.93	16.14	277.06	30.12	11.05	165.61	
05/10/2024 22:40	9.28	6.26	106.23	15.65	11.05	3.83	60.61	15.73	24.59	16.58	281.33	29.71	10.3	162.99	
05/10/2024 22:45	9.63	6.55	106.47	15.66	10.08	3.64	63.08	15.7	25.52	17.37	282.25	26.97	9.75	168.75	
05/10/2024 22:50	9.49	6.33	104.72	15.65	11.14	4.29	62.09	15.72	25.13	16.78	277.41	29.92	11.52	166.74	
05/10/2024 22:55	9.12	6.38	107.32	15.64	11.14	4.13	61.92	15.72	24.12	16.88	283.78	29.91	11.08	166.22	
05/10/2024 23:00	9.52	6.69	107.33	15.65	10.08	3.92	64.73	15.7	25.19	17.71	284.14	26.95	10.46	172.89	
05/10/2024 23:05	9.48	6.45	105.67	15.65	11.03	4.51	63.09	15.71	25.07	17.06	279.46	29.54	12.07	168.96	
05/10/2024 23:10	9.01	6.49	108.78	15.63	11	4.58	63.38	15.71	23.78	17.13	287.04	29.45	12.26	169.66	
05/10/2024 23:15	9.22	6.74	108.12	15.63	9.85	3.83	64.59	15.68	24.34	17.79	285.32	26.26	10.21	172.03	
05/10/2024 23:20	9.23	6.49	105.82	15.63	10.7	4.33	62.98	15.7	24.35	17.11	279.1	28.61	11.56	168.33	
05/10/2024 23:25	9.07	6.47	107.48	15.62	11.19	4.58	62.75	15.7	23.89	17.06	283.19	29.91	12.24	167.74	
05/10/2024 23:30	9.4	6.68	106.76	15.63	10.15	4.16	64.66	15.68	24.8	17.63	281.63	27.04	11.07	172.14	
05/10/2024 23:35	9.36	6.43	104.84	15.63	10.53	4.37	62.91	15.7	24.69	16.97	276.42	28.13	11.68	168.09	
05/10/2024 23:40	8.92	6.45	106.91	15.62	10.77	4.56	62.5	15.7	23.48	16.97	281.39	28.76	12.19	166.97	
05/10/2024 23:45	9.59	6.76	107.14	15.62	9.74	3.89	64.95	15.67	25.27	17.81	282.32	25.9	10.35	172.69	
05/10/2024 23:50	9.35	6.52	104.76	15.62	10.46	4.23	62.94	15.68	24.63	17.17	275.82	27.86	11.27	167.69	
05/10/2024 23:55	9.14	6.49	106.42	15.61	9.56	3.66	63.05	15.67	24.02	17.06	279.81	25.43	9.73	167.67	
06/10/2024 00:00	9.57	6.59	104.61	15.62	9.85	3.81	62.69	15.66	25.19	17.35	275.46	26.15	10.11	166.37	
06/10/2024 00:05	9.53	6.37	102.85	15.62	10.93	4.42	61.39	15.68	25.08	16.76	270.59	29.1	11.77	163.48	
06/10/2024 00:10	9.14	6.45	104.95	15.61	11.3	4.83	61.75	15.68	24.01	16.94	275.74	30.1	12.87	164.52	
06/10/2024 00:15	9.53	6.68	106.24	15.61	10.12	4.27	64.67	15.66	25.07	17.56	279.36	26.87	11.34	171.65	
06/10/2024 00:20	9.49	6.43	103.12	15.61	10.55	4.21	63.02	15.67	24.93	16.9	270.94	28.07	11.21	167.64	
06/10/2024 00:25	9.21	6.4	104.42	15.6	10.95	4.35	63.02	15.68	24.17	16.79	273.93	29.14	11.56	167.64	
06/10/2024 00:30	9.54	6.73	105.68	15.61	9.93	3.98	64.05	15.65	25.05	17.67	277.52	26.3	10.55	169.57	
06/10/2024 00:35	9.44	6.49	104.51	15.6	10.71	4.47	62.93	15.67	24.77	17.02	274.19	28.44	11.87	167.12	
06/10/2024 00:40	8.98	6.49	105.74	15.59	10.84	4.41	62.72	15.66	23.53	17	277.03	28.79	11.7	166.5	
06/10/2024 00:45	9.64	6.77	106.69	15.6	9.96	3.99	64.1	15.64	25.27	17.75	279.82	26.34	10.55	169.52	
06/10/2024 00:50	9.47	6.45	104.41	15.6	10.59	4.31	62.09	15.65	24.82	16.9	273.65	28.08	11.43	164.52	
06/10/2024 00:55	9.13	6.47	105.49	15.59	10.33	4.27	62.31	15.65	23.88	16.91	275.91	27.36	11.31	165.08	
06/10/2024 01:00	9.25	6.72	106.11	15.59	10.07	4.13	63.86	15.64	24.22	17.59	277.87	26.61	10.91	168.65	
06/10/2024 01:05	9.21	6.51	104.4	15.59	11.05	4.76	62.18	15.65	24.12	17.04	273.16	29.25	12.62	164.66	
06/10/2024 01:10	9.07	6.54	105.34	15.58	11.67	5.07	62	15.65	23.7	17.07	275.13	30.92	13.42	164.25	
06/10/2024 01:15	9.57	6.77	104.65	15.58	10.16	4.29	64.06	15.64	25.01	17.7	273.59	26.84	11.32	169.1	
06/10/2024 01:20	9.37	6.52	103.54	15.58	10.64	4.52	63.41	15.65	24.51	17.05	270.67	28.16	11.97	167.77	
06/10/2024 01:25	8.93	6.51	105.79	15.57	10.72	4.69	64.34	15.65	23.3	16.99	276.12	28.36	12.41	170.26	
06/10/2024 01:30	9.35	6.81	106.12	15.58	9.94	4.25	64.67	15.63	24.45	17.8	277.48	26.22	11.22	170.57	
06/10/2024 01:35	9.27	6.54	103.26	15.58	10.66	4.48	62.98	15.64	24.24	17.09	269.85	28.19	11.86	166.57	
06/10/2024 01:40	9.06	6.55	105.51	15.58	10.58	4.47	63.14	15.64	23.67	17.1	275.49	27.97	11.82	166.92	
06/10/2024 01:45	9.48	6.76	105.68	15.58	9.77	4.1	64.39	15.63	24.79	17.68	276.27	25.77	10.8	169.72	
06/10/2024 01:50	9.36	6.55	104.84	15.58	10.32	4.45	63.07	15.64	24.46	17.11	273.88	27.26	11.75	166.59	
06/10/2024 01:55	9.1	6.61	105.34	15.57	10.23	4.44	63.03	15.63	23.74	17.25	274.91	27.02	11.72	166.39	
06/10/2024 02:00	9.5	6.8	105.14	15.58	9.79	4.18	64.44	15.62	24.83	17.78	274.75	25.78	11.01	169.62	
06/10/2024 02:05	9.36	6.56	103.37	15.58	10.46	4.56	63.14	15.64	24.46	17.14	269.91	27.63	12.05	166.74	
06/10/2024 02:10	9.08	6.61	105.81	15.57	10.36	4.55	62.91	15.64	23.71	17.25	276.12	27.35	12.0		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/10/2024 04:00	9.88	6.42	104.15	15.55	10.26	3.76	63.78	15.59	25.69	16.68	270.76	26.87	9.84	166.98	
06/10/2024 04:05	9.82	6.2	103.95	15.55	11.11	4.22	63.22	15.61	25.53	16.11	270.14	29.17	11.09	166.02	
06/10/2024 04:10	9.42	6.21	105.59	15.55	11.17	4.25	63.31	15.61	24.46	16.14	274.27	29.33	11.16	166.24	
06/10/2024 04:15	9.8	6.47	105.22	15.55	10.26	3.75	64.62	15.59	25.48	16.82	273.53	26.83	9.82	169.02	
06/10/2024 04:20	9.78	6.24	104	15.55	11.09	4.28	63.46	15.6	25.42	16.21	270.13	29.08	11.22	166.42	
06/10/2024 04:25	9.57	6.24	106.27	15.54	11.44	4.52	63.89	15.6	24.82	16.19	275.66	30.01	11.86	167.66	
06/10/2024 04:30	9.86	6.54	107.25	15.55	10.38	3.84	64.88	15.58	25.6	16.96	278.41	27.15	10.05	169.66	
06/10/2024 04:35	9.74	6.21	105.15	15.54	10.97	4.11	63.59	15.59	25.28	16.1	272.83	28.74	10.76	166.62	
06/10/2024 04:40	9.39	6.15	106	15.54	10.91	3.92	63.28	15.59	24.34	15.94	274.85	28.56	10.28	165.72	
06/10/2024 04:45	9.76	6.42	107.01	15.54	10.22	3.71	64.54	15.58	25.34	16.65	277.71	26.72	9.7	168.73	
06/10/2024 04:50	9.71	6.21	104.91	15.54	11.06	4.32	63.69	15.59	25.2	16.1	272.1	28.97	11.33	166.87	
06/10/2024 04:55	9.43	6.19	105.99	15.54	11.25	4.71	64.31	15.6	24.44	16.05	274.75	29.5	12.34	168.67	
06/10/2024 05:00	9.51	6.41	106.11	15.55	10.27	3.83	64.86	15.58	24.7	16.65	275.7	26.86	10.01	169.59	
06/10/2024 05:05	9.46	6.16	104.07	15.55	10.97	4.16	64.11	15.6	24.57	16.01	270.25	28.79	10.91	168.27	
06/10/2024 05:10	9.45	6.18	105.77	15.55	10.97	4.03	64.06	15.6	24.54	16.05	274.66	28.79	10.59	168.16	
06/10/2024 05:15	9.78	6.5	106.63	15.56	10.01	3.63	64.94	15.6	25.44	16.91	277.49	26.24	9.51	170.15	
06/10/2024 05:20	9.73	6.24	105.21	15.56	11.06	4.14	64.06	15.61	25.31	16.24	273.78	29.08	10.88	168.48	
06/10/2024 05:25	9.61	6.17	105.74	15.56	11.33	4.21	64.13	15.62	25.02	16.06	275.14	29.8	11.06	168.67	
06/10/2024 05:30	9.69	6.46	105.82	15.56	10.11	3.64	65.13	15.6	25.24	16.84	275.66	26.51	9.55	170.66	
06/10/2024 05:35	9.65	6.2	103.34	15.56	11.02	4.15	63.49	15.61	25.13	16.14	269.06	28.98	10.91	166.9	
06/10/2024 05:40	9.45	6.13	105.44	15.56	11.05	4.21	62.95	15.61	24.59	15.94	274.25	29.02	11.05	165.4	
06/10/2024 05:45	9.85	6.51	105.54	15.56	10.42	3.92	65.36	15.6	25.63	16.95	274.68	27.33	10.29	171.39	
06/10/2024 05:50	9.79	6.29	103.37	15.56	10.99	4.18	64.33	15.61	25.47	16.37	268.96	28.89	10.98	169.15	
06/10/2024 05:55	9.46	6.17	105.79	15.55	11.03	4.16	64.3	15.61	24.61	16.05	275.08	29.01	10.93	169.08	
06/10/2024 06:00	9.74	6.46	105.18	15.56	10.06	3.83	65.95	15.6	25.36	16.83	273.83	26.39	10.03	172.92	
06/10/2024 06:05	9.64	6.19	104.22	15.56	10.7	4.14	64.28	15.6	25.07	16.1	271.04	28.07	10.87	168.72	
06/10/2024 06:10	9.32	6.22	106.51	15.55	10.73	4.21	64.13	15.6	24.2	16.16	276.5	28.17	11.04	168.28	
06/10/2024 06:15	9.55	6.46	105.94	15.55	10.24	3.86	65.46	15.59	24.83	16.79	275.35	26.8	10.12	171.32	
06/10/2024 06:20	9.52	6.18	103.39	15.55	10.85	4.28	65.36	15.6	24.73	16.07	268.61	28.49	11.23	171.54	
06/10/2024 06:25	9.26	6.28	106.28	15.54	10.84	4.3	66.11	15.61	24.03	16.29	275.74	28.47	11.29	173.59	
06/10/2024 06:30	9.72	6.45	104.96	15.55	10.12	3.86	66.05	15.59	25.25	16.74	272.61	26.51	10.1	172.88	
06/10/2024 06:35	9.68	6.16	102.66	15.55	10.87	4.21	64.18	15.6	25.13	15.98	266.49	28.49	11.03	168.25	
06/10/2024 06:40	9.52	6.15	104.25	15.54	10.66	4.16	63.75	15.59	24.66	15.93	270.16	27.91	10.89	167	
06/10/2024 06:45	9.85	6.51	103.53	15.54	10.4	3.81	64.09	15.58	25.53	16.87	268.32	27.16	9.96	167.36	
06/10/2024 06:50	9.83	6.22	101.75	15.53	11.22	4.24	62.08	15.59	25.48	16.11	263.55	29.37	11.1	162.47	
06/10/2024 06:55	9.44	6.17	104.94	15.52	11.38	4.27	62	15.59	24.41	15.95	271.32	29.77	11.17	162.27	
06/10/2024 07:00	9.9	6.63	106.24	15.53	10.28	3.88	65.27	15.57	25.63	17.17	275	26.79	10.12	170.08	
06/10/2024 07:05	9.74	6.35	103.98	15.53	10.66	4.22	63.06	15.57	25.2	16.42	268.99	27.83	11	164.55	
06/10/2024 07:10	9.33	6.18	103.98	15.52	10.53	4.25	63.11	15.57	24.14	15.98	268.88	27.47	11.09	164.64	
06/10/2024 07:15	9.46	6.55	107.03	15.52	10.02	4.03	65.85	15.57	24.46	16.94	276.73	26.11	10.51	171.62	
06/10/2024 07:20	9.34	6.33	106.02	15.52	10.57	4.13	63.58	15.57	24.13	16.36	273.98	27.56	10.78	165.86	
06/10/2024 07:25	9.08	6.28	105.32	15.52	10.5	3.97	62.83	15.57	23.48	16.23	272.31	27.38	10.35	163.81	
06/10/2024 07:30	9.23	6.62	105.57	15.53	9.83	3.79	64.76	15.57	23.89	17.13	273.18	25.62	9.89	168.81	
06/10/2024 07:35	9.21	6.32	103.72	15.53	10.42	4.23	64.98	15.58	23.82	16.35	268.3	27.22	11.06	169.78	
06/10/2024 07:40	9.27	6.29	105.72	15.53	10.31	4.3	65.31	15.58	23.97	16.27	273.41	26.95	11.24	170.69	
06/10/2024 07:45	9.66	6.51	105.28	15.53	9.91	3.94	66.16	15.57	25.01	16.87	272.58	25.87	10.27	172.64	
06/10/2024 07:50	9.58	6.28	103.5	15.53	10.65	4.19	63.88	15.59	24.81	16.26	268.01	27.86	10.97	167.11	
06/10/2024 07:55	9.32	6.21	104.67	15.54	10.83	4.24	63.75	15.59	24.16	16.11	271.46	28.32	11.08	166.75	
06/10/2024 08:00	9.64	6.4	104.39	15.55	10.09	3.86	64.56	15.58	25.02	16.62	271	26.37	10.08	168.76	
06/10/2024 08:05	9.67	6.16	102.82	15.55	11.02	4.05	62.13	15.6	25.11	16.01	266.98	28.87	10.61	162.84	
06/10/2024 08:10	9.53	6.07	103.71	15.55	11.28	4.06	61.78	15.6	24.77	15.79	269.62	29.58	10.66	161.98	
06/10/2024 08:15	9.86	6.29	104.06	15.56	10.44	3.64	63.14	15.59	25.67	16.39	270.98	27.34	9.53	165.37	
06/10/2024 08:20	9.8	5.98	102.03	15.56	11.07	3.97	62.09	15.61	25.51	15.57	265.6	29.08	10.43	163.13	
06/10/2024 08:25	9.5	5.98	103.99	15.56	10.94	3.8	62.2	15.61	24.73	15.58	270.81	28.74	9.98	163.43	
06/10/2024 08:30	9.85	6.29	104.01	15.57	10.29	3.44	63.72	15.61	25.72	16.43	271.47	27.02	9.02	167.33	
06/10/2024 08:35	9.69	6.03	102.71	15.57	10.96	3.98	62.92	15.62	25.29	15.74	268.04	28.87	10.48	165.8	
06/10/2024 08:40	9.37	6.06	106.22	15.58	10.42	3.7	63.42	15.62	24.47	15.82	277.33	27.45	9.76	167.07	
06/10/2024 08:45	9.84	6.31	106.07	15.59	10.59	3.84	64.48	15.62	25.73	16.5	277.45	27.9	10.13	169.86	
06/10/2024 08:50	9.79	6.03	104.8	15.59	11.07	3.92	62.85	15.64	25.62	15.77	274.17	29.25	10.35	166.01	
06/10/2024 08:55	9.53	5.94	105.14	15.59	11.83	4.44	63.39	15.65	24.95	15.56	275.38	31.3	11.75	167.73	
06/10/2024 09:00	10.06	6.27	105.66	15.61	10.64	3.85	65.13	15.64	26.41	16.45	277.41	28.11	10.17	172.09	
06/10/2024 09:05	9.96	6.01	104.06	15.6	10.84	3.83	63.18	15.65	26.15	15.78	273.11	28.69	10.14	167.2	
06/10/2024 09:10	9.5	5.95	105.21	15.6	10.58	3.69	63.08	15.65	24.89	15.6	275.69	27.99	9.76	166.91	
06/10/2024 09:15	9.84	6.17	105.31	15.61	10.25	3.57	65.04	15.64	25.84	16.2	276.51	27.09	9.44	171.78	
06/10/2024 09:20	9.73	5.81	102.96	15.6	11.08	4.02	64.03	15.65	25.55	15.24	270.15	29.36	10.64	169.67	
06/10/2024 09:25	9.37	5.9	105.34	15.6	11.14	4.02	64.08	15.65	24.6	15.47	276.38	29.52	10.65	169.81	
06/10/2024 09:30	9.78	6.15	104.9	15.61	10.32	3.46	63.76	15.65	25.72	16.18	275.73	27.33	9.17	168.8	
06/10/2024 09:35	9.71	5.87	102.89	15.61	11.02	3.88	62.83	15.67	25.54	15.45	270.53	29.27	10.29	166.85	
06/10/2024 09:40	9.49	5.88	105.14	15.62	10.75	3.77	62.69	15.66	24.97	15.49	276.73	28.53	10	166.37	
06/10/2024 09:45	9.87	6.13	105.23	15.63	10.24	3.45	63.87	15.67	26.05	16.18	277.74	27.2	9.17	169.61	
06/10/2024 09:50	9.84	5.87	102.83	15.63	11.38	3.93	62.55	15.69	25.96	15.5	271.38	30.34	10.46	166.73	
06/10/2024 09:55	9.54	5.84	104.51	15.64	11.69	3.88	62.64	15.69	25.21	15.43	276	31.16	10.34	166	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/10/2024 11:45	9.88	5.89	103.13	15.81	10.06	3.1	63.62	15.85	26.99	16.09	281.85	27.7	8.53	175.05	
06/10/2024 11:50	9.71	5.54	101.17	15.82	10.9	3.67	62.84	15.88	26.56	15.15	276.6	30.15	10.15	173.88	
06/10/2024 11:55	9.49	5.63	103.1	15.84	10.52	3.38	62.84	15.87	26.06	15.44	283	29.08	9.34	173.78	
06/10/2024 12:00	9.92	6	103.94	15.85	10.37	3.42	64.56	15.88	27.32	16.51	286.18	28.73	9.46	178.86	
06/10/2024 12:05	9.81	5.63	101.37	15.85	10.95	3.61	62.62	15.9	27.01	15.51	279.04	30.44	10.02	173.99	
06/10/2024 12:10	9.66	5.63	102.66	15.85	10.86	3.56	62.5	15.9	26.6	15.49	282.52	30.16	9.9	173.59	
06/10/2024 12:15	10.33	5.93	102.09	15.86	10.35	3.25	62.97	15.9	28.51	16.35	281.67	28.77	9.03	174.92	
06/10/2024 12:20	10.2	5.65	100.6	15.86	11.25	3.76	62.6	15.92	28.16	15.6	277.57	31.38	10.5	174.64	
06/10/2024 12:25	9.57	5.59	102.74	15.87	11.47	3.92	62.08	15.92	26.46	15.44	283.91	32	10.95	173.23	
06/10/2024 12:30	10.07	5.85	101.92	15.88	10.28	3.12	63.49	15.92	27.88	16.19	282.12	28.67	8.71	177.07	
06/10/2024 12:35	10.09	5.53	99.82	15.88	11.33	3.68	62.49	15.94	27.95	15.32	276.49	31.76	10.33	175.21	
06/10/2024 12:40	9.68	5.54	101.99	15.89	12	4.13	62.48	15.95	26.87	15.36	282.99	33.68	11.58	175.35	
06/10/2024 12:45	10.02	5.79	102.25	15.9	10.29	3.04	63.37	15.93	27.85	16.09	284.38	28.8	8.5	177.32	
06/10/2024 12:50	9.92	5.45	100.19	15.9	11.23	3.5	62.14	15.96	27.58	15.16	278.54	31.59	9.83	174.71	
06/10/2024 12:55	9.67	5.44	101.66	15.91	11.44	3.44	62.11	15.95	26.92	15.16	283.05	32.14	9.66	174.52	
06/10/2024 13:00	9.97	5.78	101.01	15.92	10.19	2.87	62.77	15.95	27.82	16.13	281.74	28.63	8.06	176.35	
06/10/2024 13:05	9.91	5.46	98.62	15.92	11.31	3.69	61.38	15.98	27.65	15.22	275.2	31.99	10.45	173.56	
06/10/2024 13:10	9.89	5.32	99.95	15.92	11.44	3.81	61.38	15.99	27.64	14.85	279.24	32.37	10.8	173.72	
06/10/2024 13:15	10.34	5.64	99.76	15.93	10.34	2.86	61.93	15.97	28.93	15.78	279.06	29.18	8.08	174.7	
06/10/2024 13:20	10.18	5.35	99.32	15.93	11.51	3.58	60.47	16	28.49	14.96	277.78	32.68	10.17	171.64	
06/10/2024 13:25	9.78	5.22	100.61	15.93	11.58	3.67	60.19	16	27.35	14.6	281.49	32.85	10.42	170.79	
06/10/2024 13:30	10.19	5.62	101.56	15.94	10.28	2.8	61.76	15.98	28.57	15.77	284.85	29.07	7.92	174.51	
06/10/2024 13:35	10.16	5.33	99.12	15.95	11.19	3.39	61.13	16	28.5	14.95	278.01	31.77	9.64	173.58	
06/10/2024 13:40	9.91	5.25	100.04	15.95	11.8	3.8	60.97	16.01	27.83	14.73	280.77	33.53	10.8	173.28	
06/10/2024 13:45	10.29	5.7	99.83	15.96	10.49	2.83	60.68	15.99	28.94	16.03	280.86	29.72	8.02	171.9	
06/10/2024 13:50	10.21	5.36	97.99	15.96	11.33	3.23	59.92	16.01	28.73	15.08	275.59	32.21	9.18	170.29	
06/10/2024 13:55	10.01	5.18	99.11	15.96	11.36	3.16	59.67	16.01	28.17	14.57	278.78	32.27	8.97	169.54	
06/10/2024 14:00	10.85	5.49	98.27	15.97	10.57	2.66	60.54	16	30.57	15.46	276.89	29.98	7.56	171.75	
06/10/2024 14:05	10.68	5.26	96.69	15.97	11.47	3.14	59.22	16.02	30.1	14.82	272.33	32.67	8.96	168.67	
06/10/2024 14:10	10.05	5.17	99.41	15.97	11.19	3.08	59.3	16.02	28.32	14.58	280.19	31.87	8.77	168.91	
06/10/2024 14:15	10.29	5.53	100.04	15.98	10.34	2.58	61.39	16.01	29.06	15.62	282.63	29.42	7.35	174.62	
06/10/2024 14:20	10.16	5.23	98.4	15.98	11.44	3.26	60.3	16.04	28.7	14.78	277.92	32.68	9.32	172.33	
06/10/2024 14:25	10	5.18	99.81	15.98	11.39	3.2	60.64	16.04	28.26	14.63	282.03	32.57	9.16	173.4	
06/10/2024 14:30	10.41	5.51	99.95	15.99	10.49	2.78	61.48	16.02	29.47	15.61	282.99	29.89	7.91	175.15	
06/10/2024 14:35	10.14	5.2	99.07	15.99	11.11	3.28	61.08	16.04	28.68	14.7	280.18	31.75	9.38	174.61	
06/10/2024 14:40	9.82	5.22	99.88	15.98	10.89	3.27	61.34	16.04	27.72	14.75	281.99	31.13	9.34	175.36	
06/10/2024 14:45	10.48	5.48	98.97	15.99	10.55	2.83	61.38	16.02	29.66	15.51	280.01	30.05	8.05	174.79	
06/10/2024 14:50	10.13	5.19	98.66	15.98	11.34	3.28	60.18	16.04	28.63	14.67	278.87	32.43	9.38	172.01	
06/10/2024 14:55	9.74	5.14	100.39	15.98	11.41	3.3	60.77	16.04	27.5	14.52	283.56	32.62	9.43	173.76	
06/10/2024 15:00	10.26	5.54	100.4	15.99	10.5	2.85	61.52	16.03	29.06	15.71	284.51	29.97	8.14	175.56	
06/10/2024 15:05	10.11	5.25	98.88	15.99	11.07	3.32	60.78	16.05	28.64	14.86	280.04	31.72	9.53	174.22	
06/10/2024 15:10	9.77	5.18	100.29	15.99	10.89	3.35	61.28	16.05	27.67	14.67	283.85	31.22	9.59	175.69	
06/10/2024 15:15	10.21	5.57	100.46	15.99	10.29	2.83	61.3	16.04	28.94	15.78	284.65	29.44	8.08	175.23	
06/10/2024 15:20	10.02	5.26	99.15	15.99	11.19	3.23	59.63	16.06	28.37	14.9	280.63	32.13	9.29	171.23	
06/10/2024 15:25	9.71	5.25	101.57	15.98	11.08	3.19	59.08	16.06	27.43	14.83	286.87	31.79	9.15	169.54	
06/10/2024 15:30	10.31	5.57	100.51	15.98	10.29	2.75	61.57	16.03	29.14	15.74	284.11	29.35	7.83	175.61	
06/10/2024 15:35	10.09	5.27	99.1	15.98	10.96	3.24	61.12	16.04	28.51	14.89	279.85	31.32	9.27	174.73	
06/10/2024 15:40	9.67	5.35	102.17	15.96	10.64	3.1	61.53	16.03	27.2	15.05	287.37	30.4	8.84	175.78	
06/10/2024 15:45	10	5.72	104.01	15.96	10.24	2.86	62.64	16	28.1	16.09	292.37	29.07	8.12	177.75	
06/10/2024 15:50	9.93	5.38	101.85	15.95	11.01	3.31	61.48	16.02	27.91	15.11	286.13	31.34	9.41	174.97	
06/10/2024 15:55	9.77	5.33	101.49	15.94	10.92	3.24	61.88	16.02	27.39	14.94	284.69	31.08	9.21	176.08	
06/10/2024 16:00	10.13	5.55	100.64	15.95	10.16	2.87	63.13	16	28.46	15.59	282.85	28.8	8.13	178.86	
06/10/2024 16:05	9.96	5.33	99.56	15.95	11	3.32	61.36	16.01	27.98	14.98	279.55	31.28	9.43	174.55	
06/10/2024 16:10	9.61	5.41	102.71	15.94	11.08	3.27	61.33	16.01	26.94	15.17	287.9	31.5	9.29	174.36	
06/10/2024 16:15	10.11	5.74	103.91	15.95	10.03	2.82	62.75	15.97	28.37	16.12	291.52	28.3	7.95	177.03	
06/10/2024 16:20	9.89	5.5	103.23	15.94	10.84	3.35	61.87	15.98	27.72	15.42	289.34	30.62	9.46	174.71	
06/10/2024 16:25	9.79	5.5	103.28	15.93	10.69	3.27	61.92	15.98	27.4	15.4	289.11	30.17	9.22	174.82	
06/10/2024 16:30	9.99	5.86	104.95	15.94	10.04	2.87	62.24	15.96	28	16.41	294.13	28.28	8.08	175.25	
06/10/2024 16:35	9.89	5.47	101.93	15.94	10.96	3.36	61.74	15.97	27.7	15.32	285.4	30.91	9.49	174.13	
06/10/2024 16:40	9.58	5.36	102.33	15.93	10.83	3.31	61.78	15.97	26.81	15	286.25	30.53	9.34	174.2	
06/10/2024 16:45	9.7	5.81	104.78	15.93	10.06	2.9	62.52	15.97	27.14	16.27	293.3	28.35	8.18	176.19	
06/10/2024 16:50	9.61	5.5	101.96	15.93	10.66	3.16	61.3	15.98	26.88	15.38	285.18	30.12	8.94	173.22	
06/10/2024 16:55	9.53	5.49	104.18	15.92	10.8	3.31	60.97	15.98	26.62	15.33	290.99	30.51	9.37	172.29	
06/10/2024 17:00	10.16	5.67	102.27	15.93	10.04	2.89	62.52	15.97	28.43	15.86	286.1	28.3	8.14	176.16	
06/10/2024 17:05	10.44	5.19	97.47	15.92	10.65	3.32	61.25	15.98	29.13	14.48	271.91	30.12	9.4	173.16	
06/10/2024 17:10	11.47	4.73	92.02	15.87	10.91	3.85	61.45	15.99	31.7	13.08	254.29	30.85	10.88	173.83	
06/10/2024 17:15	11.93	5.11	92.54	15.87	10.68	3.35	62.5	15.96	32.98	14.12	255.75	30.07	9.43	175.92	
06/10/2024 17:20	11.59	4.86	91.23	15.87	11.06	3.61	60.95	15.98	32.04	13.43	252.1	31.24	10.2	172.2	
06/10/2024 17:25	11.44	4.79	92.58	15.86	11.39	3.85	61.2	15.98	31.55	13.2	255.33	32.21	10.87	173.07	
06/10/2024 17:30	11.77	5.12	92.4	15.86	10.48	2.76	59.62	15.92	32.49	14.14	254.98	29.27	7.73	166.49	
06/10/2024 17:35	11.15	5.03	94.27	15.87	11.98	3.42	54.96	15.93	30.81	13.91	260.53	33.53	9.58	153.81	
06/10/2024 17:40	9.44	5.49	102.53	15.89	12.2	3.49	54.5	15.93	26.2	15.22	284.4	34.16	9.76	152.56	
06/10/2024 17:45	10.07	5.79	102.58												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/10/2024 19:30	9.6	6.24	103.78	15.83	10.03	3.82	64.78	15.87	26.31	17.09	284.32	27.72	10.56	179	
06/10/2024 19:35	9.49	6.07	102.29	15.82	10.49	4.12	63.7	15.88	25.98	16.61	279.87	29.05	11.41	176.42	
06/10/2024 19:40	9.05	6.17	105.98	15.8	10.44	4.31	64.38	15.88	24.67	16.82	288.87	28.91	11.95	178.29	
06/10/2024 19:45	9.52	6.54	107.48	15.8	9.38	3.54	64.76	15.84	25.95	17.82	293.04	25.8	9.74	178.01	
06/10/2024 19:50	9.42	6.28	106.47	15.8	10.35	4.06	63.9	15.85	25.66	17.12	289.97	28.49	11.19	175.93	
06/10/2024 19:55	9.03	6.28	106.26	15.78	10.27	4.22	63.88	15.85	24.54	17.06	288.69	28.27	11.63	175.92	
06/10/2024 20:00	9.6	6.59	106.11	15.78	9.38	3.53	65.15	15.82	26.07	17.9	288.14	25.69	9.67	178.26	
06/10/2024 20:05	9.46	6.34	105.14	15.78	10.34	4.15	64.48	15.83	25.67	17.19	285.29	28.38	11.39	176.9	
06/10/2024 20:10	9.06	6.39	107.24	15.76	9.86	3.8	64.64	15.83	24.52	17.29	290.27	27.02	10.41	177.15	
06/10/2024 20:15	9.59	6.64	107.92	15.77	9.57	3.67	66.55	15.8	25.98	17.97	292.24	26.08	10	181.34	
06/10/2024 20:20	9.49	6.4	104.98	15.76	10.68	4.3	65.24	15.81	25.66	17.31	283.74	29.15	11.73	178.04	
06/10/2024 20:25	9.02	6.37	108	15.73	10.72	4.3	65.42	15.81	24.26	17.13	290.48	29.25	11.73	178.53	
06/10/2024 20:30	9.24	6.65	109.42	15.74	9.77	3.95	67.41	15.78	24.89	17.92	294.87	26.55	10.74	183.02	
06/10/2024 20:35	9.17	6.42	108.27	15.74	10.46	4.35	66.26	15.79	24.7	17.3	291.54	28.47	11.83	180.27	
06/10/2024 20:40	8.9	6.4	109.18	15.72	10.19	4.41	66.89	15.79	23.92	17.19	293.25	27.72	12	182.03	
06/10/2024 20:45	9.23	6.76	109.32	15.73	9.62	4.07	68.89	15.77	24.8	18.17	293.82	26.09	11.03	186.76	
06/10/2024 20:50	9.1	6.53	107.85	15.73	10.44	4.42	67.36	15.79	24.46	17.56	289.74	28.38	12.01	183.07	
06/10/2024 20:55	8.75	6.43	109.3	15.72	10.61	4.42	67.13	15.78	23.47	17.25	293.18	28.83	12.02	182.39	
06/10/2024 21:00	9.14	6.8	110.25	15.73	9.77	4.03	68.15	15.77	24.56	18.25	296.15	26.46	10.92	184.53	
06/10/2024 21:05	9.09	6.54	108.34	15.72	10.45	4.47	67.15	15.78	24.41	17.54	290.79	28.37	12.15	182.35	
06/10/2024 21:10	8.78	6.4	108.54	15.71	10.33	4.44	67.5	15.78	23.54	17.14	290.8	28.05	12.06	183.3	
06/10/2024 21:15	9.2	6.72	109.23	15.72	9.69	3.97	68.34	15.77	24.7	18.03	293.3	26.24	10.75	184.97	
06/10/2024 21:20	9.19	6.39	106.6	15.72	10.34	4.36	66.79	15.78	24.66	17.16	286.09	28.05	11.84	181.16	
06/10/2024 21:25	8.86	6.23	106.82	15.71	10.3	4.38	66.8	15.78	23.72	16.68	285.87	27.93	11.87	181.17	
06/10/2024 21:30	9.16	6.47	105.83	15.71	9.75	3.89	66.71	15.76	24.52	17.31	283.27	26.35	10.5	180.23	
06/10/2024 21:35	9.15	6.19	105.38	15.7	10.43	4.13	65.36	15.77	24.48	16.55	281.84	28.26	11.19	176.98	
06/10/2024 21:40	9.14	6.24	106.7	15.7	10.25	3.99	66.19	15.77	24.42	16.67	285.18	27.77	10.8	179.29	
06/10/2024 21:45	9.72	6.41	105.11	15.7	9.73	3.59	64.63	15.75	25.99	17.14	281.06	26.27	9.69	174.34	
06/10/2024 21:50	9.64	6.18	103.65	15.7	10.82	4.2	63.65	15.76	25.78	16.53	277.11	29.28	11.35	172.19	
06/10/2024 21:55	9.15	6.19	105.41	15.7	10.89	4.28	63.39	15.76	24.46	16.54	281.68	29.45	11.58	171.41	
06/10/2024 22:00	9.48	6.44	104.64	15.7	9.7	3.65	65.3	15.74	25.34	17.22	279.71	26.13	9.83	175.87	
06/10/2024 22:05	9.41	6.17	103.1	15.7	10.58	4.24	65.22	15.76	25.15	16.49	275.41	28.59	11.46	176.29	
06/10/2024 22:10	9.39	6.16	105.06	15.69	10.61	4.36	65.67	15.76	25.03	16.41	280.13	28.67	11.79	177.47	
06/10/2024 22:15	9.67	6.43	105.11	15.7	9.86	3.81	66.45	15.74	25.83	17.16	280.76	26.55	10.26	178.9	
06/10/2024 22:20	9.63	6.18	103.22	15.69	10.77	4.25	63.92	15.75	25.7	16.5	275.48	29.06	11.48	172.49	
06/10/2024 22:25	9.26	6.16	105.03	15.68	11.14	4.46	63	15.75	24.66	16.42	279.87	30.07	12.03	170.04	
06/10/2024 22:30	9.79	6.44	104.57	15.69	10.29	3.78	64.5	15.73	26.12	17.18	278.94	27.68	10.16	173.38	
06/10/2024 22:35	9.74	6.2	103.21	15.69	11.01	4.12	62.95	15.75	25.98	16.52	275.11	29.68	11.11	169.75	
06/10/2024 22:40	9.55	6.04	103.47	15.68	10.94	4.27	63.84	15.75	25.44	16.08	275.5	29.51	11.52	172.26	
06/10/2024 22:45	9.74	6.28	104.06	15.69	10.14	3.79	65.5	15.73	25.97	16.75	277.4	27.27	10.2	176.08	
06/10/2024 22:50	9.67	6.07	102.68	15.68	10.61	4.09	64.48	15.74	25.76	16.16	273.51	28.59	11.01	173.68	
06/10/2024 22:55	9.29	6.08	104.3	15.67	10.59	4.1	64.34	15.74	24.68	16.16	277.09	28.52	11.03	173.25	
06/10/2024 23:00	9.8	6.41	105.06	15.67	9.99	3.7	64.48	15.71	26.03	17.04	279.11	26.79	9.92	172.82	
06/10/2024 23:05	9.73	6.17	104	15.66	10.87	4.06	62.31	15.73	25.84	16.38	276.12	29.23	10.92	167.55	
06/10/2024 23:10	9.38	6.04	103.39	15.66	10.66	3.92	62.25	15.73	24.9	16.03	274.32	28.64	10.55	167.3	
06/10/2024 23:15	9.71	6.34	104.1	15.67	10.02	3.68	64.85	15.71	25.79	16.85	276.54	26.84	9.87	173.67	
06/10/2024 23:20	9.67	6.09	102.31	15.66	10.72	4.13	63.78	15.72	25.68	16.16	271.53	28.76	11.08	171.15	
06/10/2024 23:25	9.32	6.06	104.02	15.65	10.77	4.14	63.55	15.72	24.68	16.06	275.54	28.87	11.11	170.43	
06/10/2024 23:30	9.76	6.35	103.54	15.65	10.08	3.79	64.95	15.7	25.85	16.81	274.33	26.96	10.14	173.62	
06/10/2024 23:35	9.67	6.08	102.02	15.65	10.59	4.17	64.21	15.72	25.61	16.11	270.25	28.38	11.19	172.15	
06/10/2024 23:40	9.18	6.12	105.28	15.65	10.72	4.27	64.28	15.72	24.3	16.2	278.61	28.74	11.44	172.35	
06/10/2024 23:45	9.38	6.48	105.74	15.65	9.81	3.85	66.73	15.7	24.86	17.17	280.11	26.2	10.28	178.25	
06/10/2024 23:50	9.31	6.23	103.07	15.65	10.57	4.19	64.94	15.71	24.65	16.49	272.87	28.32	11.23	173.92	
06/10/2024 23:55	9.15	6.09	103.83	15.64	10.78	4.24	64.78	15.71	24.19	16.09	274.4	28.86	11.34	173.43	
07/10/2024 00:00	9.38	6.35	104.28	15.64	9.83	3.8	65.82	15.69	24.79	16.79	275.58	26.23	10.12	175.48	
07/10/2024 00:05	9.3	6.12	102.74	15.64	10.48	4.15	65.05	15.7	24.56	16.17	271.37	28.03	11.09	173.93	
07/10/2024 00:10	9.18	6.11	104.66	15.64	10.69	4.19	65.2	15.7	24.25	16.15	276.39	28.57	11.2	174.29	
07/10/2024 00:15	9.47	6.38	103.8	15.64	9.61	3.73	66.08	15.68	25.02	16.85	274.27	25.6	9.94	175.99	
07/10/2024 00:20	9.4	6.12	101.97	15.64	10.58	4.2	63.93	15.7	24.83	16.15	269.29	28.26	11.21	170.76	
07/10/2024 00:25	9.07	6.21	104.7	15.63	10.75	4.24	64.17	15.7	23.92	16.38	276.1	28.71	11.31	171.38	
07/10/2024 00:30	9.3	6.52	104.75	15.63	9.75	3.79	65.78	15.68	24.55	17.2	276.5	25.97	10.1	175.2	
07/10/2024 00:35	9.26	6.3	103.23	15.63	10.3	4.22	64.94	15.7	24.45	16.62	272.45	27.51	11.27	173.5	
07/10/2024 00:40	8.98	6.29	106.01	15.63	10.47	4.28	64.77	15.7	23.7	16.59	279.76	27.97	11.44	173.02	
07/10/2024 00:45	9.43	6.54	106.22	15.64	9.57	3.86	66.41	15.68	24.92	17.27	280.58	25.49	10.27	176.78	
07/10/2024 00:50	9.29	6.32	104.08	15.63	10.18	4.19	65	15.69	24.52	16.68	274.66	27.17	11.18	173.43	
07/10/2024 00:55	8.99	6.24	105.43	15.62	10.03	4.21	64.98	15.69	23.66	16.42	277.57	26.76	11.22	173.34	
07/10/2024 01:00	9.59	6.44	105.13	15.62	9.64	3.84	65.98	15.67	25.25	16.96	276.87	25.61	10.21	175.3	
07/10/2024 01:05	9.53	6.17	103.6	15.62	10.53	4.21	64.34	15.69	25.11	16.25	272.88	28.08	11.22	171.62	
07/10/2024 01:10	9.18	6.18	105.08	15.63	10.69	4.21	63.67	15.69	24.19	16.3	277	28.51	11.22	169.84	
07/10/2024 01:15	9.34	6.48	105.23	15.64	9.76	3.87	66.36	15.69	24.67	17.13	278.09	26.02	10.31	176.86	
07/10/2024 01:20	9.29	6.27	103.58	15.64	10.58	4.12	64.27	15.71	24.57	16.56	273.74	28.31	11.01	172.01	
07/10/2024 01:25	9.06	6.23	105.7	15.65	10.36	3.92	64.23	15.7	23.96	16.47	279.65	27.71	10.5	171.81	
07/10/2024 01:30	9.7														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/10/2024 03:15	9.27	6.73	106.06	15.62	9.31	4.12	69.09	15.67	24.4	17.72	279.3	24.73	10.94	183.54	
07/10/2024 03:20	9.16	6.53	105.47	15.62	10.1	4.48	67.55	15.67	24.12	17.18	277.59	26.87	11.91	179.67	
07/10/2024 03:25	8.73	6.4	106.35	15.61	10.27	4.61	68.73	15.67	22.93	16.8	279.19	27.29	12.26	182.74	
07/10/2024 03:30	9.33	6.65	105.43	15.61	9.59	4.11	68.15	15.66	24.5	17.46	276.93	25.43	10.9	180.63	
07/10/2024 03:35	9.19	6.39	104.13	15.61	10.09	4.42	66.51	15.67	24.12	16.79	273.37	26.81	11.74	176.66	
07/10/2024 03:40	8.83	6.45	106.92	15.59	9.81	4.42	67.13	15.66	23.14	16.9	280.1	26.05	11.74	178.2	
07/10/2024 03:45	8.96	6.7	108	15.6	9.36	4.08	67.99	15.65	23.53	17.6	283.5	24.8	10.8	180	
07/10/2024 03:50	8.97	6.44	106.19	15.6	10.08	4.54	68.11	15.66	23.54	16.89	278.59	26.73	12.04	180.62	
07/10/2024 03:55	8.75	6.54	108.48	15.59	10.14	4.6	67.78	15.65	22.92	17.14	284.05	26.87	12.18	179.62	
07/10/2024 04:00	8.94	6.79	108.28	15.6	9.08	4.02	69.13	15.64	23.44	17.8	283.91	24	10.62	182.66	
07/10/2024 04:05	8.91	6.57	107.71	15.59	9.97	4.5	67.89	15.65	23.34	17.22	282.16	26.4	11.93	179.86	
07/10/2024 04:10	8.7	6.61	109.43	15.58	9.86	4.52	67.89	15.65	22.75	17.29	286.16	26.1	11.96	179.75	
07/10/2024 04:15	9.15	7	110.6	15.59	9.38	4.21	69.82	15.63	23.95	18.32	289.46	24.76	11.1	184.18	
07/10/2024 04:20	9.08	6.76	108.72	15.59	9.83	4.5	68.56	15.65	23.76	17.69	284.41	26.03	11.9	181.46	
07/10/2024 04:25	8.76	6.62	109.01	15.58	9.88	4.52	68.41	15.65	22.91	17.3	284.91	26.13	11.95	181.01	
07/10/2024 04:30	9.16	6.9	109.33	15.58	9.25	4.14	69.63	15.63	23.94	18.05	285.83	24.4	10.91	183.68	
07/10/2024 04:35	9.09	6.63	107.36	15.58	9.99	4.53	67.67	15.65	23.76	17.33	280.6	26.43	11.97	179.01	
07/10/2024 04:40	9.08	6.44	106.8	15.58	9.94	4.56	68.25	15.65	23.72	16.81	278.82	26.3	12.08	180.59	
07/10/2024 04:45	9.34	6.66	106.43	15.58	9.48	4.1	67.94	15.63	24.39	17.39	277.89	24.99	10.82	179.08	
07/10/2024 04:50	9.36	6.48	104.98	15.58	10.42	4.47	65.58	15.64	24.45	16.91	274.05	27.55	11.82	173.42	
07/10/2024 04:55	8.81	6.52	107.93	15.57	10.63	4.55	65.7	15.64	22.95	16.99	281.26	28.09	12.03	173.7	
07/10/2024 05:00	9.32	6.94	109.45	15.57	9.45	4.14	68.22	15.62	24.33	18.11	285.64	24.87	10.9	179.57	
07/10/2024 05:05	9.26	6.69	107	15.58	9.89	4.48	67.61	15.64	24.19	17.46	279.29	26.14	11.84	178.6	
07/10/2024 05:10	8.82	6.6	108.19	15.57	9.94	4.41	67.19	15.64	23	17.2	282.08	26.26	11.65	177.52	
07/10/2024 05:15	9.21	6.88	109.26	15.57	9.33	4.16	68.44	15.62	24.05	17.96	285.1	24.56	10.96	180.05	
07/10/2024 05:20	9.11	6.62	107.4	15.57	9.94	4.56	67.8	15.63	23.77	17.27	280.09	26.23	12.03	178.89	
07/10/2024 05:25	8.86	6.55	107.7	15.56	10.08	4.66	67.77	15.63	23.06	17.05	280.24	26.6	12.29	178.83	
07/10/2024 05:30	8.91	6.79	108.07	15.57	9.35	4.12	68.99	15.61	23.24	17.69	281.7	24.58	10.84	181.43	
07/10/2024 05:35	8.89	6.58	106.72	15.56	9.97	4.54	67.34	15.63	23.16	17.15	277.98	26.27	11.98	177.51	
07/10/2024 05:40	8.76	6.6	108.01	15.55	10.11	4.55	67.03	15.63	22.76	17.14	280.63	26.64	11.99	176.63	
07/10/2024 05:45	8.88	6.9	108.55	15.56	9.39	4.3	69.05	15.61	23.08	17.93	282.33	24.65	11.3	181.25	
07/10/2024 05:50	8.86	6.71	106.92	15.55	9.98	4.66	68.23	15.62	23.05	17.45	277.99	26.27	12.26	179.57	
07/10/2024 05:55	8.59	6.7	109.11	15.54	10.05	4.72	68.38	15.62	22.29	17.37	282.98	26.44	12.42	179.91	
07/10/2024 06:00	8.88	7.07	110.12	15.55	9.04	4.45	71.78	15.6	23.06	18.35	285.91	23.71	11.66	188.13	
07/10/2024 06:05	8.86	6.85	108.14	15.55	9.69	4.71	68.93	15.61	23	17.77	280.7	25.47	12.39	181.25	
07/10/2024 06:10	8.58	6.78	109.72	15.54	9.84	4.75	68.8	15.61	22.24	17.58	284.58	25.89	12.5	180.91	
07/10/2024 06:15	8.88	7.01	110.15	15.55	9.01	4.35	70.52	15.6	23.07	18.2	286.09	23.61	11.41	184.79	
07/10/2024 06:20	8.85	6.77	108.16	15.55	9.83	4.73	69.16	15.61	22.99	17.59	280.76	25.84	12.43	181.72	
07/10/2024 06:25	8.57	6.69	109.14	15.53	10.05	4.78	69.45	15.61	22.22	17.33	282.75	26.4	12.57	182.53	
07/10/2024 06:30	8.77	6.97	109.37	15.54	9.09	4.4	70.52	15.59	22.75	18.09	283.67	23.81	11.53	184.66	
07/10/2024 06:35	8.7	6.79	108.6	15.54	9.76	4.73	68.9	15.61	22.57	17.62	281.62	25.64	12.42	181.02	
07/10/2024 06:40	8.61	6.76	109.32	15.54	9.77	4.8	69.86	15.61	22.31	17.52	283.28	25.66	12.61	183.6	
07/10/2024 06:45	8.75	6.98	109.04	15.54	9.08	4.29	69.06	15.59	22.71	18.1	282.85	23.79	11.24	180.82	
07/10/2024 06:50	8.7	6.79	107.22	15.54	9.59	4.7	69.37	15.61	22.56	17.61	278.01	25.18	12.36	182.18	
07/10/2024 06:55	8.51	6.74	109.36	15.54	9.66	4.85	70.89	15.61	22.05	17.44	283.44	25.36	12.73	186.2	
07/10/2024 07:00	8.85	7.04	108.36	15.54	9.11	4.32	69.83	15.59	22.95	18.26	281.14	23.86	11.33	182.84	
07/10/2024 07:05	8.78	6.83	106.89	15.55	9.7	4.68	68.85	15.62	22.8	17.74	277.54	25.55	12.32	181.28	
07/10/2024 07:10	8.49	6.74	109.78	15.57	9.83	4.81	69.58	15.63	22.15	17.57	286.34	25.91	12.69	183.4	
07/10/2024 07:15	8.79	7	109.51	15.6	9.08	4.3	70.37	15.65	23.03	18.34	287.06	24.04	11.38	186.3	
07/10/2024 07:20	8.74	6.74	107.67	15.61	9.73	4.55	67.63	15.7	22.96	17.71	282.84	25.99	12.15	180.72	
07/10/2024 07:25	8.59	6.67	108.94	15.64	9.78	4.47	66.67	15.7	22.71	17.64	287.93	26.15	11.95	178.22	
07/10/2024 07:30	8.9	6.98	109.93	15.67	9	4.16	69.6	15.71	23.64	18.53	291.89	24.12	11.15	186.42	
07/10/2024 07:35	8.86	6.71	107.8	15.67	9.84	4.58	68.35	15.75	23.54	17.82	286.46	26.56	12.35	184.41	
07/10/2024 07:40	8.61	6.6	108.41	15.69	10.05	4.58	68.3	15.75	22.96	17.6	288.97	27.11	12.36	184.28	
07/10/2024 07:45	9.18	6.82	108.66	15.7	9.04	4.12	69.38	15.75	24.52	18.22	290.26	24.39	11.12	187.18	
07/10/2024 07:50	9.08	6.6	107.01	15.7	9.88	4.49	67.63	15.78	24.26	17.65	285.96	26.79	12.19	183.43	
07/10/2024 07:55	8.58	6.57	108.95	15.7	9.89	4.6	68.2	15.78	22.95	17.58	291.33	26.84	12.47	185.09	
07/10/2024 08:00	8.94	6.79	109.17	15.7	9.18	4.2	69.44	15.75	23.91	18.17	292.08	24.77	11.34	187.36	
07/10/2024 08:05	8.95	6.53	106.82	15.7	9.95	4.57	67.65	15.75	23.93	17.46	285.49	26.87	12.33	182.67	
07/10/2024 08:10	8.6	6.54	108.73	15.67	10.3	4.77	67.5	15.75	22.87	17.39	289.22	27.79	12.87	182.18	
07/10/2024 08:15	8.51	6.95	109.91	15.68	9.43	4.2	68.65	15.73	22.66	18.51	292.7	25.35	11.29	184.49	
07/10/2024 08:20	8.54	6.67	108.01	15.68	10.07	4.48	67.09	15.74	22.74	17.76	287.52	27.14	12.08	180.89	
07/10/2024 08:25	8.73	6.51	108.64	15.68	10.27	4.47	66.78	15.74	23.22	17.33	289.03	27.66	12.05	179.92	
07/10/2024 08:30	9	6.7	108.31	15.69	9.6	3.99	66.35	15.73	23.98	17.85	288.75	25.82	10.74	178.46	
07/10/2024 08:35	8.91	6.44	107.01	15.69	10.16	4.36	65.7	15.75	23.77	17.18	285.32	27.45	11.77	177.45	
07/10/2024 08:40	8.86	6.47	107.86	15.69	10.16	4.42	65.95	15.76	23.64	17.28	287.88	27.45	11.96	178.23	
07/10/2024 08:45	9.5	6.67	107.41	15.7	9.55	4.1	68.42	15.75	25.41	17.84	287.23	25.79	11.05	184.63	
07/10/2024 08:50	9.3	6.52	106.05	15.7	9.93	4.36	67.03	15.77	24.87	17.42	283.5	26.91	11.81	181.66	
07/10/2024 08:55	8.77	6.46	108.09	15.71	9.88	4.42	67.31	15.77	23.48	17.29	289.37	26.76	11.99	182.4	
07/10/2024 09:00	9.22	6.8	109.13	15.71	9.29	4.02	67.68	15.76	24.7	18.22	292.45	25.14	10.87	183.13	
07/10/2024 09:05	9.24	6.54	106.94	15.72	10.28	4.51	66.12	15.79	24.76	17.54	286.64	27.94	12.25	179.68	
07/10/2024 09:10	8.84	6.41	107.44	15.72	10.41	4.77	65.88	15.79	23.73	17.22	288.43	28.3	12.97	179.16	
07/10/2024 09:15	8.94	6.74	107.61	15.74	9.71</										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/10/2024 11:00	9.73	6.31	106.22	15.86	10.08	3.9	65.67	15.91	26.84	17.41	293.07	28.08	10.85	182.82	
07/10/2024 11:05	9.5	6.06	105.49	15.86	10.15	3.9	64.53	15.93	26.22	16.71	291.05	28.38	10.9	180.47	
07/10/2024 11:10	9.13	6.03	105.24	15.87	9.78	3.66	64.22	15.93	25.24	16.66	290.77	27.34	10.22	179.48	
07/10/2024 11:15	9.35	6.25	105.34	15.88	9.46	3.32	64.99	15.92	25.89	17.31	291.58	26.42	9.28	181.47	
07/10/2024 11:20	9.21	5.97	104.56	15.88	10.49	3.84	62.84	15.95	25.51	16.53	289.53	29.45	10.78	176.34	
07/10/2024 11:25	9.08	5.9	103.97	15.89	10.08	3.5	62.31	15.94	25.21	16.38	288.57	28.26	9.82	174.76	
07/10/2024 11:30	9.27	6.27	104.57	15.91	9.73	3.43	64.29	15.95	25.8	17.45	291	27.29	9.63	180.36	
07/10/2024 11:35	9.26	5.96	102.3	15.91	10.48	3.78	63.05	15.97	25.76	16.6	284.66	29.56	10.67	177.81	
07/10/2024 11:40	9.23	5.8	102.81	15.91	11.03	3.96	62.92	15.98	25.71	16.16	286.44	31.14	11.17	177.64	
07/10/2024 11:45	9.6	6.06	102.43	15.92	10.12	3.6	64.86	15.97	26.8	16.91	285.84	28.53	10.13	182.8	
07/10/2024 11:50	9.47	5.77	100.9	15.92	10.33	3.75	63.61	15.99	26.46	16.11	281.7	29.26	10.63	180.15	
07/10/2024 11:55	9.25	5.84	104.37	15.93	9.84	3.49	63.89	15.99	25.88	16.35	292.05	27.86	9.87	180.84	
07/10/2024 12:00	9.73	6.15	103.37	15.94	9.8	3.5	65.37	15.99	27.28	17.23	289.74	27.74	9.89	184.92	
07/10/2024 12:05	9.52	5.87	102.22	15.94	10.31	3.73	63.53	16.01	26.71	16.45	286.67	29.29	10.59	180.53	
07/10/2024 12:10	9.29	5.86	104.1	15.96	10.2	3.6	63.33	16.01	26.11	16.48	292.62	28.99	10.22	179.93	
07/10/2024 12:15	9.54	6.25	105.85	15.96	10.07	3.71	65.37	16.01	26.87	17.59	297.98	28.63	10.54	185.83	
07/10/2024 12:20	9.48	5.92	103.11	15.97	10.46	3.9	63.95	16.04	26.72	16.7	290.59	29.9	11.13	182.72	
07/10/2024 12:25	9.25	5.84	103.38	15.98	10.69	4.14	64.38	16.04	26.14	16.51	292.23	30.56	11.85	184.08	
07/10/2024 12:30	9.59	6.14	103.18	15.99	9.99	3.55	64.54	16.04	27.18	17.39	292.31	28.56	10.14	184.37	
07/10/2024 12:35	9.55	5.85	101.57	16	10.41	3.79	63.16	16.06	27.07	16.6	287.89	29.89	10.88	181.38	
07/10/2024 12:40	9.36	5.71	102.85	16	10.34	3.96	62.7	16.06	26.55	16.2	291.65	29.71	11.36	180.11	
07/10/2024 12:45	9.66	6	102.51	16.01	9.7	3.29	63.4	16.05	27.46	17.05	291.27	27.8	9.44	181.68	
07/10/2024 12:50	9.55	5.69	101.02	16.01	10.51	3.53	62.59	16.07	27.13	16.17	286.96	30.25	10.16	180.13	
07/10/2024 12:55	9.29	5.66	103.8	16.01	10.56	3.75	63.08	16.07	26.44	16.1	295.23	30.42	10.81	181.66	
07/10/2024 13:00	9.65	6.12	104.66	16.03	9.77	3.2	64.56	16.07	27.55	17.45	298.7	28.13	9.22	185.72	
07/10/2024 13:05	9.49	5.78	102.75	16.03	10.46	3.66	63.71	16.1	27.11	16.51	293.44	30.28	10.58	184.42	
07/10/2024 13:10	9.3	5.66	103.67	16.04	10.56	3.6	63.28	16.1	26.59	16.19	296.42	30.57	10.41	183.13	
07/10/2024 13:15	9.68	6.1	104.79	16.05	9.61	3.08	64.18	16.09	27.77	17.49	300.61	27.78	8.9	185.55	
07/10/2024 13:20	9.51	5.81	102.3	16.06	10.6	3.66	64.09	16.12	27.3	16.68	293.51	30.84	10.67	186.51	
07/10/2024 13:25	9.37	5.72	104.38	16.06	10.69	3.66	64.41	16.12	26.94	16.43	299.98	31.1	10.65	187.42	
07/10/2024 13:30	9.86	6.02	104	16.07	9.89	3.28	64.71	16.11	28.39	17.35	299.51	28.73	9.54	187.94	
07/10/2024 13:35	9.6	5.7	102.47	16.08	10.75	3.56	63.21	16.14	27.65	16.41	295.16	31.41	10.39	184.68	
07/10/2024 13:40	9.32	5.67	103.38	16.09	10.44	3.35	63.61	16.15	26.9	16.38	298.5	30.51	9.78	185.96	
07/10/2024 13:45	9.92	6.04	103.86	16.1	9.6	3.03	64.49	16.14	28.71	17.48	300.63	28.02	8.83	188.12	
07/10/2024 13:50	9.69	5.73	101.95	16.1	10.46	3.53	63.15	16.16	28.06	16.58	295.05	30.67	10.34	185.16	
07/10/2024 13:55	9.3	5.63	103.19	16.1	10.64	3.35	62.44	16.16	26.92	16.3	298.61	31.2	9.81	183.07	
07/10/2024 14:00	9.94	5.96	103.83	16.1	9.89	3.14	64.74	16.14	28.82	17.28	300.96	28.91	9.17	189.22	
07/10/2024 14:05	9.69	5.71	101.49	16.1	10.69	3.65	63.26	16.17	28.08	16.54	294.13	31.41	10.73	185.88	
07/10/2024 14:10	9.37	5.67	103.6	16.1	10.91	3.63	63.28	16.17	27.16	16.44	300.32	32.04	10.66	185.91	
07/10/2024 14:15	9.64	6.06	104.17	16.11	9.82	3.13	64.5	16.16	28	17.59	302.42	28.79	9.16	188.96	
07/10/2024 14:20	9.52	5.74	102.2	16.11	10.53	3.6	63.49	16.18	27.64	16.68	296.72	31.01	10.61	187	
07/10/2024 14:25	9.19	5.68	103.44	16.11	10.55	3.56	63.2	16.18	26.68	16.51	300.43	31.06	10.5	186.12	
07/10/2024 14:30	9.96	5.95	102.87	16.12	9.7	3.08	63.86	16.16	28.97	17.3	299.25	28.44	9.03	187.23	
07/10/2024 14:35	9.76	5.63	101.51	16.12	10.66	3.53	63.14	16.18	28.39	16.37	295.2	31.38	10.4	185.81	
07/10/2024 14:40	9.41	5.58	103.04	16.12	10.66	3.5	63.27	16.18	27.35	16.23	299.62	31.36	10.3	186.18	
07/10/2024 14:45	9.89	5.99	104.39	16.14	9.87	3.08	63.38	16.17	28.85	17.48	304.65	29.02	9.06	186.26	
07/10/2024 14:50	9.74	5.64	102.14	16.14	10.87	3.48	61.78	16.2	28.43	16.44	297.93	32.11	10.3	182.54	
07/10/2024 14:55	9.61	5.36	100.53	16.13	10.86	3.41	61.67	16.2	28.02	15.63	293.05	32.09	10.07	182.27	
07/10/2024 15:00	10.04	5.64	100.36	16.14	10.11	2.95	62.36	16.18	29.32	16.47	293.01	29.78	8.69	183.61	
07/10/2024 15:05	9.89	5.39	99.11	16.14	10.74	3.45	61.51	16.2	28.86	15.73	289.2	31.72	10.2	181.73	
07/10/2024 15:10	9.42	5.48	102.45	16.13	10.67	3.45	61.86	16.19	27.43	15.96	288.39	31.52	10.2	182.7	
07/10/2024 15:15	9.99	5.87	102.11	16.13	9.73	3.04	63.35	16.18	29.14	17.12	297.84	28.64	8.93	186.34	
07/10/2024 15:20	9.78	5.56	100.65	16.13	10.78	3.5	61.91	16.19	28.52	16.21	293.52	31.84	10.35	182.76	
07/10/2024 15:25	9.35	5.53	102.38	16.13	10.8	3.49	61.84	16.19	27.22	16.1	298.12	31.87	10.29	182.54	
07/10/2024 15:30	9.78	5.87	102.08	16.13	9.62	3.06	63.8	16.17	28.49	17.1	297.48	28.26	8.99	187.43	
07/10/2024 15:35	9.64	5.62	100.62	16.13	10.62	3.56	62.69	16.18	28.07	16.37	292.98	31.29	10.49	184.72	
07/10/2024 15:40	9.37	5.54	102.53	16.11	10.8	3.53	62.42	16.18	27.21	16.09	297.64	31.79	10.4	183.82	
07/10/2024 15:45	9.66	5.9	102.73	16.12	9.61	3.03	64.6	16.15	28.07	17.15	298.43	28.13	8.88	189.04	
07/10/2024 15:50	9.49	5.63	100.62	16.11	10.52	3.53	62.82	16.17	27.54	16.34	291.99	30.88	10.37	184.46	
07/10/2024 15:55	9.18	5.48	102.26	16.09	10.63	3.6	63	16.17	26.55	15.84	295.78	31.21	10.56	185.03	
07/10/2024 16:00	10.01	5.86	101.9	16.1	9.6	3.01	63.6	16.14	28.99	16.97	295	28.02	8.78	185.53	
07/10/2024 16:05	9.72	5.57	100.98	16.09	10.35	3.52	63.38	16.15	28.1	16.11	291.89	30.27	10.31	185.42	
07/10/2024 16:10	9.22	5.54	102.39	16.08	10.23	3.41	63.06	16.15	26.59	15.96	295.05	29.93	9.97	184.42	
07/10/2024 16:15	9.78	5.83	102.64	16.08	9.27	2.9	63.92	16.12	28.22	16.82	296.16	26.97	8.44	185.94	
07/10/2024 16:20	9.57	5.57	100.46	16.08	10.54	3.6	62.68	16.15	27.6	16.08	289.7	30.84	10.53	183.37	
07/10/2024 16:25	9.32	5.51	102.66	16.07	10.67	3.53	62.41	16.15	26.86	15.86	295.65	31.22	10.34	182.56	
07/10/2024 16:30	9.71	5.83	102.55	16.07	9.52	3.07	64.4	16.13	27.97	16.8	295.39	27.72	8.94	187.43	
07/10/2024 16:35	9.45	5.58	102.4	16.07	10.28	3.59	63.04	16.15	27.2	16.06	294.79	30.06	10.49	184.3	
07/10/2024 16:40	9.27	5.5	102.65	16.07	10.02	3.6	63.19	16.15	26.67	15.81	295.21	29.29	10.51	184.79	
07/10/2024 16:45	9.94	5.88	102.42	16.07	9.58	3.04	63.56	16.11	28.62	16.92	294.84	27.82	8.82	184.46	
07/10/2024 16:50	9.73	5.6	101.28	16.07	10.12	3.49	63.45	16.13	27.98	16.1	291.31	29.47	10.15	184.72	
07/10/2024 16:55	9.31	5.52	102.02	16.05	10.34	3.85	64.27	16.13	26.71	15.84	292.65	30.12	11.2	187.14	
07/10/2024 17:00	9.43	5.85	104.43												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
07/10/2024 18:45	9.24	6.09	106.01	15.96	9.49	3.35	66.83	16.01	26.01	17.16	298.52	26.98	9.53	189.98	
07/10/2024 18:50	9.18	5.79	104.48	15.96	10.25	3.76	65.31	16.02	25.83	16.3	293.88	29.17	10.69	185.89	
07/10/2024 18:55	9.01	5.86	107.31	15.95	10.23	3.66	65.28	16.01	25.3	16.44	301.2	29.12	10.41	185.72	
07/10/2024 19:00	9.41	6.22	106.65	15.95	9.94	3.69	67.92	16	26.43	17.46	299.58	28.19	10.46	192.56	
07/10/2024 19:05	9.3	5.95	105.26	15.95	10.13	3.71	64.76	16.01	26.11	16.71	295.54	28.8	10.55	184.02	
07/10/2024 19:10	8.99	5.91	107.37	15.94	10.53	3.8	64.59	16.01	25.21	16.57	301.14	29.94	10.8	183.65	
07/10/2024 19:15	9.58	6.18	107.14	15.95	8.98	3.03	66.27	15.99	26.91	17.35	300.98	25.43	8.6	187.62	
07/10/2024 19:20	9.5	5.93	105.14	15.95	10.54	4.08	65.44	16.02	26.69	16.67	295.26	30.01	11.62	186.3	
07/10/2024 19:25	9.05	5.87	106.49	15.94	10.55	4.1	65.17	16.02	25.38	16.48	298.72	30.02	11.66	185.53	
07/10/2024 19:30	9.32	6.24	106.34	15.95	9.34	3.55	66.85	15.99	26.15	17.51	298.35	26.47	10.06	189.32	
07/10/2024 19:35	9.18	5.94	104.4	15.94	9.94	3.77	65.45	16	25.73	16.66	292.59	28.19	10.68	185.65	
07/10/2024 19:40	8.93	6.01	107.17	15.93	10.22	3.8	65.58	16	24.97	16.81	299.73	28.99	10.78	186.03	
07/10/2024 19:45	9.41	6.35	107.63	15.94	8.96	3.25	66.96	15.97	26.34	17.78	301.36	25.28	9.17	188.9	
07/10/2024 19:50	9.37	6.09	105.73	15.93	10.34	4.32	66.02	15.99	26.21	17.04	295.73	29.29	12.24	187.01	
07/10/2024 19:55	8.68	6.05	108.14	15.92	10.86	4.66	65.94	16	24.2	16.87	301.65	30.78	13.2	186.87	
07/10/2024 20:00	9.41	6.42	107.78	15.94	9.23	3.52	67.27	15.96	26.37	17.98	301.98	26	9.92	189.38	
07/10/2024 20:05	9.22	6.11	105.67	15.93	9.91	4	65.49	15.97	25.8	17.09	295.58	27.96	11.29	184.72	
07/10/2024 20:10	8.94	6.04	106.66	15.9	9.42	3.75	65.48	15.97	24.86	16.8	296.65	26.54	10.57	184.47	
07/10/2024 20:15	9.42	6.25	106.23	15.91	8.95	3.41	66.92	15.95	26.2	17.4	295.63	25.11	9.57	187.78	
07/10/2024 20:20	9.24	6	104.65	15.9	9.91	3.9	66.14	15.96	25.69	16.67	290.91	27.91	10.99	186.17	
07/10/2024 20:25	8.74	6.01	107.34	15.89	10	3.94	65.7	15.96	24.24	16.67	297.68	28.15	11.09	184.97	
07/10/2024 20:30	8.93	6.26	106.62	15.89	9.14	3.38	66.2	15.94	24.78	17.38	295.95	25.6	9.46	185.33	
07/10/2024 20:35	9.05	5.97	103.93	15.89	10.76	4.14	63.72	15.96	25.11	16.57	288.31	30.26	11.63	179.18	
07/10/2024 20:40	9.11	5.88	104.2	15.88	10.94	4.27	64	15.96	25.21	16.28	288.48	30.77	12.01	180.06	
07/10/2024 20:45	9.21	6.39	106.27	15.88	9.96	3.85	65.35	15.94	25.52	17.72	294.53	27.88	10.78	182.98	
07/10/2024 20:50	9.15	6.06	103.79	15.88	10.13	3.87	64.3	15.94	25.33	16.8	287.43	28.41	10.85	180.31	
07/10/2024 20:55	8.97	5.92	104.5	15.88	9.64	3.52	64.11	15.94	24.82	16.39	289.25	27	9.85	179.57	
07/10/2024 21:00	9.56	6.4	106.27	15.89	9.36	3.67	66.2	15.93	26.51	17.75	294.62	26.17	10.27	185.06	
07/10/2024 21:05	9.46	6.19	103.25	15.88	10.18	4.16	65.18	15.95	26.22	17.15	286.15	28.58	11.68	183	
07/10/2024 21:10	9.13	5.99	104.12	15.88	10.73	4.52	64.86	15.95	25.29	16.59	288.35	30.17	12.7	182.3	
07/10/2024 21:15	9.39	6.29	103.79	15.88	9.8	3.93	66.34	15.94	26.03	17.44	287.64	27.46	11.01	185.78	
07/10/2024 21:20	9.26	6.01	102.88	15.88	10.26	4.18	65.13	15.95	25.65	16.66	285.02	28.83	11.73	182.98	
07/10/2024 21:25	8.93	5.93	103.52	15.88	10.53	4.21	64.59	15.95	24.73	16.41	286.5	29.6	11.82	181.56	
07/10/2024 21:30	9.63	6.29	103.97	15.88	10.05	4.07	65.76	15.93	26.68	17.44	288.13	28.13	11.39	183.97	
07/10/2024 21:35	9.46	6.01	102.3	15.88	10	3.76	64.72	15.94	26.22	16.64	283.36	28.02	10.55	181.38	
07/10/2024 21:40	9	5.94	103.44	15.88	9.91	3.63	64.91	15.94	24.91	16.43	286.15	27.76	10.16	181.86	
07/10/2024 21:45	9.77	6.21	103.1	15.88	9.51	3.5	64.99	15.92	27.04	17.19	285.48	26.57	9.77	181.49	
07/10/2024 21:50	9.61	6.03	103.05	15.88	10.53	4.35	64.64	15.94	26.61	16.69	285.17	29.54	12.19	181.33	
07/10/2024 21:55	8.93	6.01	104.85	15.87	10.63	4.47	65.14	15.95	24.66	16.59	289.5	29.83	12.55	182.86	
07/10/2024 22:00	9.32	6.27	104.91	15.87	9.27	3.71	66.38	15.92	25.75	17.33	289.92	25.88	10.35	185.26	
07/10/2024 22:05	9.26	6.02	102.77	15.87	10.26	4.17	65.03	15.93	25.58	16.63	283.9	28.7	11.66	181.97	
07/10/2024 22:10	8.74	6.02	103.96	15.86	10.3	4.21	64.5	15.93	24.11	16.61	286.82	28.81	11.76	180.44	
07/10/2024 22:15	9.08	6.4	106.16	15.87	9.43	3.84	65.98	15.92	25.1	17.7	293.47	26.31	10.72	184.1	
07/10/2024 22:20	9.03	6.15	104.72	15.87	10.33	4.33	66.11	15.94	24.95	16.98	289.3	28.93	12.12	185.23	
07/10/2024 22:25	8.84	6.19	106.29	15.86	10.53	4.27	65.58	15.94	24.38	17.07	293.17	29.51	11.96	183.74	
07/10/2024 22:30	9.27	6.53	108.12	15.86	9.45	3.88	66.73	15.92	25.57	18.01	298.28	26.36	10.84	186.17	
07/10/2024 22:35	9.1	6.27	106.96	15.86	9.61	4.1	66.03	15.93	25.09	17.28	294.95	26.89	11.48	184.78	
07/10/2024 22:40	8.62	6.2	106.41	15.85	9.19	3.92	66.27	15.93	23.72	17.08	292.95	25.7	10.98	185.38	
07/10/2024 22:45	8.82	6.55	107.62	15.85	9.06	3.76	67.33	15.91	24.31	18.05	296.5	25.24	10.46	187.53	
07/10/2024 22:50	8.74	6.3	106.62	15.85	9.83	4.08	65.6	15.93	24.08	17.34	293.59	27.53	11.42	183.63	
07/10/2024 22:55	8.88	6.1	104.98	15.85	9.77	3.86	65.63	15.93	24.44	16.79	288.89	27.32	10.8	183.58	
07/10/2024 23:00	9.14	6.51	106.44	15.86	9.61	3.98	66.78	15.91	25.18	17.94	293.34	26.8	11.1	186.13	
07/10/2024 23:05	9.09	6.33	105.14	15.85	9.83	4.07	65.4	15.93	25.03	17.45	289.57	27.5	11.37	182.86	
07/10/2024 23:10	8.82	6.21	106.33	15.84	10.25	4.44	65.61	15.93	24.22	17.07	292.04	28.67	12.42	183.48	
07/10/2024 23:15	9.22	6.68	107.24	15.85	8.75	3.48	66.04	15.9	25.35	18.37	294.96	24.33	9.68	183.46	
07/10/2024 23:20	9.07	6.37	105.7	15.84	10.22	4.15	64.45	15.92	24.95	17.52	290.58	28.51	11.57	179.79	
07/10/2024 23:25	9.04	6.2	105.6	15.84	9.88	3.94	64.48	15.91	24.82	17.02	290.01	27.52	10.98	179.72	
07/10/2024 23:30	9.64	6.46	105.39	15.84	9.51	3.69	66.08	15.89	26.5	17.77	289.72	26.41	10.23	183.42	
07/10/2024 23:35	9.42	6.24	104.14	15.84	10.06	4.31	65.13	15.92	25.9	17.15	286.12	28.06	12.01	181.69	
07/10/2024 23:40	8.93	6.16	105.95	15.83	9.91	4.38	65.3	15.92	24.49	16.89	290.51	27.63	12.21	182.15	
07/10/2024 23:45	9.43	6.6	106.56	15.83	9.69	4.03	66.68	15.89	25.88	18.1	292.39	26.92	11.19	185.03	
07/10/2024 23:50	9.39	6.37	105.44	15.83	10.56	4.24	63.94	15.92	25.78	17.48	289.25	29.47	11.83	178.36	
07/10/2024 23:55	9.11	6.05	104.94	15.82	11.03	4.71	63.89	15.92	24.95	16.56	287.27	30.81	13.14	178.45	
08/10/2024 00:00	9.51	6.38	106	15.83	9.98	4.01	65.55	15.89	26.06	17.47	290.44	27.71	11.13	181.93	
08/10/2024 00:05	9.49	6.19	104.58	15.83	10.7	4.28	63.56	15.92	26	16.95	286.45	29.87	11.96	177.41	
08/10/2024 00:10	9.27	6.03	104.69	15.82	11.14	4.69	63.58	15.93	25.36	16.49	286.38	31.14	13.11	177.69	
08/10/2024 00:15	9.59	6.27	103.65	15.83	9.94	3.7	64.26	15.89	26.29	17.19	284.15	27.58	10.27	178.3	
08/10/2024 00:20	9.51	6.02	101.91	15.83	10.52	4.15	63.66	15.91	26.06	16.5	279.21	29.31	11.56	177.45	
08/10/2024 00:25	9.18	6.01	104.58	15.82	10.91	4.47	63.97	15.92	25.1	16.42	285.91	30.42	12.47	178.45	
08/10/2024 00:30	9.63	6.38	105.04	15.83	9.57	3.72	65.97	15.89	26.38	17.48	287.74	26.54	10.32	182.85	
08/10/2024 00:35	9.58	6.04	102.48	15.82	10.24	3.9	63.69	15.9	26.23	16.54	280.48	28.48	10.85	177.22	
08/10/2024 00:40	9.26	5.98	104.49	15.81	9.66	3.58	63.7	15.9	25.29	16.33	285.29	26.84	9.95	177.04	
08/10/2024 00:45	9.74	6.33	10												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/10/2024 02:30	9.38	6.48	104.85	15.73	9.58	4.01	66.31	15.83	25.25	17.42	282.05	26.27	10.99	181.71	
08/10/2024 02:35	9.39	6.24	102.55	15.73	10.24	4.43	64.23	15.86	25.26	16.78	275.84	28.23	12.21	177.14	
08/10/2024 02:40	9.09	6.1	104.26	15.72	10.19	4.44	63.42	15.85	24.38	16.37	279.62	28.05	12.22	174.62	
08/10/2024 02:45	9.6	6.43	104.22	15.72	9.42	3.75	65.31	15.81	25.76	17.24	279.7	25.73	10.23	178.17	
08/10/2024 02:50	9.44	6.22	102.41	15.72	10.24	4.4	64.82	15.84	25.33	16.7	274.82	28.14	12.1	178.2	
08/10/2024 02:55	8.93	6.21	105.1	15.71	10.3	4.44	64.98	15.84	23.94	16.65	281.71	28.3	12.2	178.59	
08/10/2024 03:00	9.5	6.56	104.56	15.72	9.7	4.05	65.77	15.8	25.5	17.59	280.59	26.44	11.04	179.13	
08/10/2024 03:05	9.48	6.32	103.01	15.72	10.21	4.46	65.43	15.82	25.44	16.96	276.39	27.94	12.2	179.12	
08/10/2024 03:10	9.08	6.26	104.81	15.71	10.17	4.46	65.91	15.82	24.33	16.77	280.77	27.82	12.18	180.23	
08/10/2024 03:15	9.51	6.6	104.45	15.71	9.51	4.04	67.3	15.79	25.5	17.68	279.96	25.88	11.01	183.19	
08/10/2024 03:20	9.43	6.35	102.71	15.72	10.05	4.48	66.43	15.82	25.29	17.03	275.27	27.49	12.26	181.68	
08/10/2024 03:25	8.96	6.32	105.41	15.7	10.25	4.6	67.36	15.81	23.96	16.91	281.75	28.01	12.56	184.1	
08/10/2024 03:30	9.35	6.62	104.43	15.71	9.39	4.1	67.38	15.79	25.05	17.74	279.7	25.52	11.16	183.14	
08/10/2024 03:35	9.24	6.45	103.43	15.71	9.85	4.54	67.05	15.81	24.76	17.27	277.07	26.91	12.4	183.25	
08/10/2024 03:40	8.63	6.3	105.16	15.7	9.7	4.61	67.36	15.81	23.05	16.83	280.97	26.51	12.6	184.04	
08/10/2024 03:45	9.15	6.66	104.99	15.71	9.98	4.12	68.13	15.78	24.49	17.81	280.93	24.39	11.2	184.99	
08/10/2024 03:50	9.07	6.46	103.37	15.71	9.69	4.63	67.7	15.81	24.28	17.3	276.58	26.43	12.62	184.72	
08/10/2024 03:55	8.68	6.44	106.11	15.69	9.67	4.71	67.69	15.81	23.17	17.18	283.27	26.39	12.84	184.71	
08/10/2024 04:00	8.96	6.73	105.59	15.7	9.02	4.28	69.11	15.78	23.95	18	282.38	24.48	11.61	187.43	
08/10/2024 04:05	8.87	6.55	103.78	15.7	9.62	4.66	67.62	15.8	23.73	17.52	277.5	26.22	12.71	184.35	
08/10/2024 04:10	8.52	6.47	105.78	15.69	9.7	4.69	67.52	15.8	22.76	17.29	282.49	26.44	12.78	183.96	
08/10/2024 04:15	8.94	6.91	107.16	15.7	9.11	4.31	68.44	15.77	23.88	18.45	286.31	24.69	11.69	185.48	
08/10/2024 04:20	8.83	6.68	105.62	15.7	9.62	4.46	66.56	15.8	23.59	17.85	282.18	26.2	12.15	181.3	
08/10/2024 04:25	8.66	6.53	105.97	15.69	9.52	4.38	66.69	15.8	23.11	17.43	282.86	25.91	11.92	181.59	
08/10/2024 04:30	9.2	6.74	105.57	15.7	9.15	4.22	67.79	15.77	24.6	18.02	282.28	24.79	11.42	183.57	
08/10/2024 04:35	9.14	6.54	104.08	15.7	9.78	4.57	66.23	15.8	24.44	17.47	278.17	26.62	12.45	180.36	
08/10/2024 04:40	8.49	6.51	106.48	15.69	9.91	4.64	66.44	15.8	22.64	17.37	283.88	26.97	12.64	180.91	
08/10/2024 04:45	9.04	6.76	106.34	15.69	9.24	4.32	68.08	15.77	24.14	18.04	283.85	25.03	11.7	184.3	
08/10/2024 04:50	9.01	6.56	104.87	15.69	9.86	4.66	67.42	15.79	24.04	17.51	279.81	26.85	12.67	183.5	
08/10/2024 04:55	8.68	6.53	106.82	15.68	10	4.58	67.27	15.79	23.13	17.41	284.61	27.2	12.46	182.94	
08/10/2024 05:00	9.18	6.85	107.6	15.69	9.36	4.32	68.03	15.77	24.5	18.29	287.11	25.34	11.7	184.16	
08/10/2024 05:05	9.04	6.66	105.03	15.69	9.81	4.63	67.94	15.79	24.13	17.78	280.23	26.7	12.59	184.89	
08/10/2024 05:10	8.7	6.52	106.99	15.68	9.69	4.66	68.42	15.79	23.19	17.39	285.14	26.35	12.67	186.14	
08/10/2024 05:15	9.08	6.78	108.05	15.69	9.03	4.31	69.71	15.77	24.25	18.09	288.48	24.45	11.67	188.7	
08/10/2024 05:20	8.95	6.58	106.76	15.69	9.88	4.69	68.06	15.79	23.88	17.55	284.88	26.85	12.75	185.04	
08/10/2024 05:25	8.72	6.51	107.04	15.68	10.05	4.77	68.48	15.78	23.2	17.33	284.91	27.3	12.96	186.08	
08/10/2024 05:30	9.03	6.78	106.25	15.69	9.24	4.21	68.52	15.75	24.06	18.08	283.2	24.95	11.37	184.95	
08/10/2024 05:35	8.94	6.57	104.41	15.68	9.82	4.57	67.5	15.78	23.83	17.5	278.21	26.66	12.42	183.32	
08/10/2024 05:40	8.8	6.42	106.14	15.68	9.72	4.69	67.63	15.78	23.41	17.08	282.4	26.39	12.74	183.64	
08/10/2024 05:45	9.18	6.61	104.67	15.68	9.11	4.18	68.83	15.75	24.44	17.61	278.67	24.6	11.27	185.72	
08/10/2024 05:50	9.12	6.41	102.46	15.68	9.84	4.56	67.38	15.77	24.28	17.05	272.65	26.67	12.35	182.63	
08/10/2024 05:55	8.88	6.43	106.44	15.66	9.64	4.56	67.75	15.77	23.58	17.07	282.56	26.11	12.36	183.47	
08/10/2024 06:00	9.28	6.85	107.66	15.67	9.06	4.21	69.48	15.74	24.65	18.19	286.17	24.39	11.33	187.03	
08/10/2024 06:05	9.18	6.56	105.3	15.67	9.75	4.57	67.71	15.76	24.4	17.43	279.88	26.36	12.35	183.11	
08/10/2024 06:10	8.67	6.42	106.9	15.65	9.63	4.6	67.98	15.76	22.98	17.02	283.24	26.03	12.43	183.83	
08/10/2024 06:15	9.04	6.77	106.73	15.66	9.17	4.23	68.91	15.74	23.98	17.96	283.24	24.68	11.38	185.44	
08/10/2024 06:20	8.97	6.56	105.33	15.66	9.56	4.63	68.81	15.76	23.8	17.4	279.48	25.85	12.53	186.05	
08/10/2024 06:25	8.87	6.45	106.49	15.65	9.58	4.71	68.83	15.76	23.49	17.09	282.14	25.89	12.72	186.05	
08/10/2024 06:30	9.21	6.68	106.38	15.66	9.29	4.34	69.97	15.73	24.45	17.73	282.3	24.99	11.66	188.07	
08/10/2024 06:35	9.13	6.48	104.7	15.66	9.9	4.55	66.98	15.76	24.24	17.19	277.82	26.74	12.28	180.97	
08/10/2024 06:40	8.91	6.37	106.06	15.65	9.88	4.63	66.97	15.75	23.58	16.86	280.83	26.67	12.5	180.86	
08/10/2024 06:45	9.26	6.69	105.96	15.65	9.39	4.13	68.35	15.72	24.54	17.73	280.75	25.23	11.11	183.52	
08/10/2024 06:50	9.24	6.48	103.94	15.65	9.94	4.49	67.28	15.75	24.49	17.18	275.37	26.82	12.12	181.59	
08/10/2024 06:55	8.96	6.35	105.6	15.65	10.06	4.53	67.78	15.75	23.73	16.81	279.68	27.15	12.23	182.89	
08/10/2024 07:00	9.1	6.64	106.5	15.67	9.26	4.07	67.79	15.74	24.18	17.64	282.83	24.93	10.96	182.46	
08/10/2024 07:05	9.02	6.36	104.49	15.68	9.95	4.48	67	15.79	24.04	16.93	278.19	27.05	12.18	182.14	
08/10/2024 07:10	8.7	6.36	106.63	15.71	9.97	4.5	66.98	15.79	23.29	17.02	285.49	27.13	12.25	182.29	
08/10/2024 07:15	9.19	6.61	106.22	15.73	9.1	4	68.41	15.81	24.73	17.79	285.79	24.86	10.91	186.78	
08/10/2024 07:20	9.12	6.38	104.56	15.74	10.18	4.4	66.22	15.8	24.57	17.18	281.61	27.78	12.02	180.63	
08/10/2024 07:25	8.94	6.28	105.84	15.76	10.41	4.38	65.92	15.8	24.17	16.99	286.06	28.38	11.94	179.78	
08/10/2024 07:30	9.26	6.62	107.1	15.77	9.42	4.06	68.34	15.81	25.08	17.93	290.23	25.71	11.07	186.52	
08/10/2024 07:35	9.13	6.44	106.45	15.77	9.96	4.48	67.3	15.83	24.76	17.45	288.53	27.27	12.27	184.37	
08/10/2024 07:40	8.8	6.37	106.86	15.78	10	4.55	67.16	15.83	23.87	17.29	289.87	27.41	12.47	184.05	
08/10/2024 07:45	9.39	6.64	106.44	15.78	9.54	4.16	68.71	15.81	25.49	18.02	288.86	26.07	11.37	187.74	
08/10/2024 07:50	9.23	6.43	105.52	15.77	10.03	4.43	67.58	15.81	25.02	17.44	286.03	27.41	12.1	184.62	
08/10/2024 07:55	8.71	6.42	107.1	15.75	9.75	4.14	66.7	15.81	23.52	17.35	289.26	26.61	11.3	182.02	
08/10/2024 08:00	9.2	6.7	106.21	15.76	9.42	4.08	68.44	15.8	24.88	18.11	287.09	25.66	11.12	186.32	
08/10/2024 08:05	9.19	6.45	104.37	15.76	10.07	4.49	67.89	15.8	24.84	17.43	282.09	27.47	12.23	185.09	
08/10/2024 08:10	8.65	6.4	106.6	15.75	9.97	4.36	66.77	15.8	23.37	17.27	287.8	27.16	11.88	181.91	
08/10/2024 08:15	9.06	6.64	105.78	15.76	9.37	4.06	67.98	15.8	24.51	17.97	286.16	25.52	11.07	185.15	
08/10/2024 08:20	9.08	6.39	103.33	15.76	10.67	4.58	65.29	15.81	24.58	17.29	279.52	29.15	12.53	178.39	
08/10/2024 08:25	9.01	6.19	104.08	15.77	10.8	4.5	64.92	15.81	24.41	16.77	281.77	29.5	12.3	177.38	
08/10/2024 08:30	9.51	6.57	103.9												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/10/2024 10:15	9.73	6.27	102.48	15.88	10.06	3.87	64.92	15.92	26.93	17.35	283.77	28.07	10.79	181.06	
08/10/2024 10:20	9.51	5.99	100.03	15.88	10.28	4.08	64.07	15.93	26.34	16.58	276.97	28.77	11.41	179.22	
08/10/2024 10:25	9.2	5.98	102.55	15.89	10.33	4.27	64.38	15.93	25.53	16.59	284.48	28.91	11.95	180.2	
08/10/2024 10:30	9.44	6.16	102.26	15.9	9.91	3.97	65.25	15.94	26.22	17.13	284.13	27.76	11.13	182.74	
08/10/2024 10:35	9.28	5.88	100.74	15.9	10.14	4.09	64.93	15.95	25.8	16.35	280.02	28.48	11.49	182.4	
08/10/2024 10:40	9.12	6.03	102.93	15.91	9.66	3.67	65.31	15.95	25.39	16.81	286.65	27.12	10.32	183.46	
08/10/2024 10:45	9.77	6.3	103.46	15.92	8.84	3.27	65.2	15.94	27.28	17.59	288.91	24.8	9.19	182.89	
08/10/2024 10:50	9.55	6.11	101.87	15.92	10.3	4.31	64.42	15.97	26.66	17.06	284.42	29.01	12.15	181.51	
08/10/2024 10:55	9.08	6.07	103.64	15.92	10.23	4.38	64.58	15.97	25.37	16.96	289.47	28.86	12.34	182.09	
08/10/2024 11:00	9.52	6.49	104.25	15.93	9.6	3.94	65.96	15.97	26.65	18.18	291.82	27.05	11.1	185.92	
08/10/2024 11:05	9.3	6.24	102.23	15.93	9.92	4.1	64.88	15.99	26.03	17.47	286.18	28.04	11.6	183.5	
08/10/2024 11:10	8.96	6.1	103.25	15.94	9.91	4.11	65.2	15.99	25.12	17.1	289.46	28.02	11.63	184.43	
08/10/2024 11:15	9.27	6.33	103.32	15.95	9.89	4.05	65.92	15.99	26.03	17.77	290.05	27.97	11.47	186.46	
08/10/2024 11:20	9.22	6.08	101.52	15.95	10.1	4.22	64.65	16	25.89	17.06	285	28.64	11.97	183.31	
08/10/2024 11:25	8.91	6.13	103.58	15.95	10.73	4.75	65.06	16.01	25.02	17.21	290.96	30.49	13.5	184.8	
08/10/2024 11:30	9.49	6.59	104.35	15.96	9.86	4.17	66.27	16	26.72	18.55	293.68	27.97	11.84	188.01	
08/10/2024 11:35	9.39	6.24	102.3	15.96	9.96	3.92	63.95	16.01	26.44	17.58	287.99	28.27	11.14	181.59	
08/10/2024 11:40	8.98	6.1	103.14	15.97	10.05	4.17	63.92	16.01	25.31	17.21	290.71	28.55	11.86	181.62	
08/10/2024 11:45	9.4	6.41	104.46	15.98	9.64	3.87	65.91	16.01	26.55	18.09	294.93	27.41	11	187.38	
08/10/2024 11:50	9.26	6.15	101.95	15.98	10.15	4.05	64.69	16.03	26.15	17.36	287.9	28.96	11.55	184.57	
08/10/2024 11:55	9.05	6	102.91	15.99	10.31	4.02	64.58	16.03	25.64	16.99	291.46	29.44	11.47	184.37	
08/10/2024 12:00	9.36	6.35	103.24	16	9.56	3.82	65.97	16.04	26.55	18.01	292.87	27.32	10.91	188.56	
08/10/2024 12:05	9.33	6.06	101.14	16.01	10.16	4.05	64.38	16.06	26.51	17.21	287.22	29.18	11.62	184.9	
08/10/2024 12:10	9.15	6.03	103.05	16.03	10.17	4.03	64.66	16.06	26.09	17.2	293.83	29.23	11.59	185.78	
08/10/2024 12:15	9.38	6.35	102.87	16.04	9.39	3.6	65.56	16.07	26.83	18.17	294.33	27.02	10.36	188.69	
08/10/2024 12:20	9.2	6.05	101.14	16.04	10.1	3.91	64.5	16.09	26.34	17.31	289.48	29.2	11.31	186.52	
08/10/2024 12:25	9.08	5.89	102.84	16.05	9.89	3.58	64.33	16.09	26.03	16.88	294.8	28.59	10.35	185.92	
08/10/2024 12:30	9.18	6.27	103.62	16.06	9.3	3.4	65.04	16.09	26.35	18	297.39	26.89	9.83	187.94	
08/10/2024 12:35	9.15	6.01	102.91	16.06	10.67	4.19	63.64	16.11	26.28	17.24	295.37	30.96	12.15	184.71	
08/10/2024 12:40	9.13	5.83	101.93	16.06	10.91	4.08	63.38	16.11	26.22	16.76	292.89	31.64	11.84	183.88	
08/10/2024 12:45	9.54	6.11	101.74	16.07	9.57	3.55	64.86	16.1	27.45	17.58	292.89	27.74	10.28	187.88	
08/10/2024 12:50	9.41	5.86	100.24	16.07	10.38	3.98	63.72	16.11	27.09	16.88	288.48	30.14	11.56	185.07	
08/10/2024 12:55	9.14	5.86	102.81	16.07	10.02	3.81	63.36	16.11	26.29	16.86	295.7	29.07	11.07	183.9	
08/10/2024 13:00	9.59	6.21	102.96	16.08	9.23	3.45	65.14	16.11	27.64	17.9	296.75	26.78	10.02	188.99	
08/10/2024 13:05	9.4	5.95	101.31	16.08	10.22	3.94	64.09	16.12	27.1	17.15	292	29.74	11.47	186.53	
08/10/2024 13:10	9.03	5.87	103.21	16.08	10.27	3.81	63.56	16.13	26.04	16.93	297.61	29.88	11.1	185.03	
08/10/2024 13:15	9.5	6.17	102.2	16.1	9.38	3.52	65.76	16.12	27.49	17.85	295.72	27.27	10.23	191.14	
08/10/2024 13:20	9.31	5.91	100.9	16.09	10.26	4.01	64.81	16.13	26.91	17.08	291.65	29.91	11.67	188.84	
08/10/2024 13:25	8.98	5.9	103.51	16.07	10.16	3.94	65.27	16.13	25.85	16.98	298.12	29.57	11.47	190.05	
08/10/2024 13:30	9.48	6.15	102.03	16.09	9.27	3.49	65.86	16.11	27.38	17.77	294.64	26.92	10.12	191.22	
08/10/2024 13:35	9.35	5.88	100.16	16.08	10.26	4.02	64.86	16.13	26.97	16.98	289.04	29.87	11.72	188.88	
08/10/2024 13:40	8.87	5.87	103.46	16.08	10.25	4.08	65.64	16.13	25.57	16.92	298.36	29.86	11.89	191.2	
08/10/2024 13:45	9.91	6.14	102.18	16.09	9.29	3.55	65.98	16.12	28.65	17.75	295.22	27.01	10.33	191.76	
08/10/2024 13:50	9.78	5.85	101.03	16.09	10.17	4	64.88	16.13	28.25	16.88	291.7	29.63	11.65	188.96	
08/10/2024 13:55	8.95	5.93	103.92	16.08	10.16	3.94	64.58	16.13	25.8	17.1	299.57	29.57	11.47	188.05	
08/10/2024 14:00	9.23	6.16	103.26	16.09	9.33	3.5	65.76	16.12	26.66	17.78	298.25	27.13	10.16	191.08	
08/10/2024 14:05	9.21	5.89	101.78	16.09	10.15	4	64.93	16.13	26.61	17.02	293.9	29.59	11.67	189.29	
08/10/2024 14:10	9.05	5.86	102.98	16.09	10.16	4.03	65.7	16.13	26.14	16.92	297.48	29.62	11.76	191.64	
08/10/2024 14:15	9.63	6.23	103.6	16.1	9.32	3.59	66.9	16.13	27.86	18.04	299.84	27.16	10.46	194.84	
08/10/2024 14:20	9.41	5.97	101.97	16.1	10.02	3.99	64.73	16.15	27.24	17.28	295.1	29.3	11.65	189.25	
08/10/2024 14:25	9.02	5.81	102.53	16.1	9.83	3.83	63.78	16.14	26.12	16.84	297.02	28.72	11.19	186.4	
08/10/2024 14:30	9.27	6.2	103.35	16.11	9.29	3.51	65.65	16.14	26.9	18.01	300.06	27.14	10.26	191.78	
08/10/2024 14:35	9.25	5.95	101.63	16.11	10.18	3.99	64.96	16.16	26.86	17.28	294.99	29.83	11.69	190.3	
08/10/2024 14:40	8.99	5.84	102.78	16.11	10.36	4	65.28	16.15	26.06	16.94	298.08	30.34	11.72	191.22	
08/10/2024 14:45	9.6	6.12	102.28	16.11	9.25	3.46	66.09	16.14	27.85	17.76	296.88	27.04	10.1	193.07	
08/10/2024 14:50	9.43	5.82	100.5	16.11	10.13	4.01	64.77	16.15	27.36	16.88	291.54	29.65	11.74	189.65	
08/10/2024 14:55	9.04	5.83	102.91	16.11	10.33	4.05	65.16	16.15	26.22	16.9	298.34	30.22	11.85	190.67	
08/10/2024 15:00	9.28	6.2	103.68	16.11	9.13	3.51	65.98	16.14	26.93	17.99	300.77	26.68	10.26	192.64	
08/10/2024 15:05	9.17	5.91	102.02	16.11	10.19	4.01	64.44	16.15	26.59	17.12	295.74	29.8	11.73	188.37	
08/10/2024 15:10	8.95	5.88	103.16	16.09	10.16	4.02	64.56	16.14	25.88	17	298.39	29.67	11.74	188.62	
08/10/2024 15:15	9.31	6.26	104.32	16.1	9.29	3.53	65.43	16.13	26.95	18.13	302.05	27.06	10.29	190.65	
08/10/2024 15:20	9.21	5.93	101.81	16.1	10.08	4.03	65.14	16.14	26.67	17.17	294.69	29.45	11.77	190.25	
08/10/2024 15:25	9.08	5.88	103.3	16.09	10.05	4.1	65.7	16.14	26.23	17	298.52	29.33	11.96	191.83	
08/10/2024 15:30	9.6	6.27	103.88	16.09	9.26	3.52	66.31	16.12	27.74	18.13	300.25	26.95	10.24	192.91	
08/10/2024 15:35	9.42	5.93	101.11	16.09	10.07	3.95	64.45	16.13	27.2	17.12	292.02	29.3	11.5	187.62	
08/10/2024 15:40	8.97	5.93	104	16.08	9.91	3.88	64.13	16.12	25.85	17.09	299.66	28.83	11.28	186.61	
08/10/2024 15:45	9.54	6.27	103.01	16.08	9.2	3.42	65.36	16.11	27.51	18.06	296.95	26.69	9.93	189.56	
08/10/2024 15:50	9.35	6.01	101.13	16.07	9.99	4.01	65.15	16.12	26.94	17.31	291.28	29.02	11.66	189.35	
08/10/2024 15:55	9.01	6	103.87	16.06	9.98	4.02	65.64	16.12	25.9	17.24	298.59	29.01	11.67	190.71	
08/10/2024 16:00	9.59	6.31	103.87	16.07	9.03	3.53	67.04	16.1	27.58	18.14	298.88	26.14	10.22	194.08	
08/10/2024 16:05	9.36	5.98	102.4	16.06	9.66	3.68	65.03	16.1	26.9	17.18	294.33	27.96	10.65	188.3	
08/10/2024 16:10	9.12	5.83	102.71	16.06	9.27	3.28	64.91	16.09	26.16	16.74	294.7	26.78	9.49	187.59	
08/10/2024 16:15	9.89	6.16	1												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/10/2024 18:00	9.14	6.59	105.86	15.96	10.03	3.68	62.02	15.97	25.74	18.55	298.04	28.27	10.37	174.76	
08/10/2024 18:05	8.98	6.33	105.49	15.96	9.89	4.18	65.43	16	25.28	17.8	296.8	28.04	11.85	185.55	
08/10/2024 18:10	8.57	6.15	105.19	15.95	9.66	4.3	65.64	16	24.06	17.28	295.51	27.39	12.2	186.21	
08/10/2024 18:15	9.07	6.51	105	15.96	9.41	4.04	67.85	15.99	25.51	18.31	295.42	26.67	11.43	192.23	
08/10/2024 18:20	8.95	6.32	104.99	15.95	9.83	4.2	66.46	16	25.16	17.76	295.05	27.86	11.91	188.4	
08/10/2024 18:25	8.74	6.21	105.86	15.94	9.97	4.27	66.13	16	24.5	17.39	296.68	28.25	12.09	187.4	
08/10/2024 18:30	9.05	6.61	106.07	15.95	9.14	3.91	67.25	15.98	25.39	18.56	297.62	25.84	11.06	190.06	
08/10/2024 18:35	8.94	6.34	104.6	15.94	9.78	4.23	66.76	15.99	25.08	17.79	293.31	27.69	11.98	188.98	
08/10/2024 18:40	8.57	6.19	106.16	15.94	10.03	4.52	67.05	15.99	24	17.32	297.21	28.42	12.8	189.95	
08/10/2024 18:45	8.88	6.66	107.66	15.94	9.13	3.89	68.73	15.98	24.91	18.67	301.82	25.77	10.97	193.99	
08/10/2024 18:50	8.78	6.39	105.73	15.94	10.04	4.35	66.46	15.98	24.6	17.9	296.22	28.37	12.29	187.92	
08/10/2024 18:55	8.72	6.19	105.8	15.93	9.86	4.27	66.08	15.98	24.37	17.3	295.78	27.87	12.06	186.79	
08/10/2024 19:00	9.23	6.58	106.68	15.94	9.38	3.91	67.15	15.98	25.89	18.45	299.19	26.47	11.03	189.5	
08/10/2024 19:05	9.16	6.34	105.15	15.94	10.22	4.23	65.62	15.97	25.68	17.77	294.62	28.84	11.95	185.15	
08/10/2024 19:10	8.68	6.31	106.45	15.91	10	4.19	65.69	15.97	24.18	17.59	296.62	28.2	11.81	185.22	
08/10/2024 19:15	8.95	6.74	107.41	15.91	9.11	3.87	67.54	15.95	24.94	18.79	299.19	25.56	10.85	189.5	
08/10/2024 19:20	8.84	6.59	106.5	15.91	9.76	4.62	65.91	15.94	24.6	18.35	296.36	27.38	12.96	184.87	
08/10/2024 19:25	8.58	6.7	107.63	15.89	9.48	4.61	66.11	15.94	23.82	18.59	298.71	26.6	12.93	185.41	
08/10/2024 19:30	9.15	7.04	107.11	15.9	9.19	4.39	67.41	15.93	25.42	19.56	297.7	25.72	12.28	188.6	
08/10/2024 19:35	9.17	6.83	105.05	15.9	10.17	4.87	66.22	15.94	25.47	18.98	291.79	28.5	13.66	185.54	
08/10/2024 19:40	8.7	6.81	108.34	15.89	10.16	4.88	66.02	15.94	24.11	18.86	300.28	28.45	13.66	184.91	
08/10/2024 19:45	9.5	7.12	108.58	15.89	9.69	4.57	69.47	15.92	26.35	19.75	301.16	27.08	12.76	193.97	
08/10/2024 19:50	9.47	6.92	107.08	15.88	10.59	4.93	68.78	15.93	26.23	19.18	296.66	29.6	13.78	192.18	
08/10/2024 19:55	8.95	6.82	108.66	15.86	10.72	4.94	69	15.92	24.7	18.82	299.9	29.94	13.8	192.72	
08/10/2024 20:00	9.28	7.12	107.89	15.87	9.67	4.66	71.59	15.9	25.65	19.67	298	26.92	12.96	199.12	
08/10/2024 20:05	9.2	6.91	106.06	15.86	10.39	4.86	67.53	15.9	25.39	19.06	292.52	28.89	13.5	187.73	
08/10/2024 20:10	8.79	6.78	107.69	15.84	10.36	4.77	66.88	15.9	24.14	18.63	295.75	28.78	13.25	185.8	
08/10/2024 20:15	9.32	6.97	105.58	15.84	9.52	4.46	67.59	15.88	25.6	19.15	290.01	26.37	12.34	187.06	
08/10/2024 20:20	9.27	6.75	103.85	15.84	10.29	4.81	66.03	15.88	25.45	18.53	284.98	28.48	13.33	182.81	
08/10/2024 20:25	8.76	6.69	106.9	15.82	10.44	4.88	66.22	15.88	23.98	18.3	292.57	28.88	13.5	183.23	
08/10/2024 20:30	9.14	7.05	107.06	15.82	9.44	4.48	67.33	15.86	25	19.3	292.93	26.03	12.34	185.65	
08/10/2024 20:35	9.08	6.84	105.27	15.82	10.09	4.81	65.85	15.86	24.82	18.71	287.82	27.85	13.27	181.68	
08/10/2024 20:40	8.87	6.57	105.6	15.8	10.14	4.8	65.56	15.86	24.2	17.93	288.04	27.97	13.24	180.85	
08/10/2024 20:45	8.91	6.95	106.81	15.81	9.39	4.43	65.96	15.85	24.32	18.98	291.52	25.83	12.17	181.36	
08/10/2024 20:50	8.83	6.79	105.32	15.8	9.9	4.82	65.67	15.85	24.08	18.51	287.23	27.24	13.27	180.7	
08/10/2024 20:55	8.46	6.73	106.53	15.79	9.92	4.85	65.72	15.85	23.01	18.31	289.83	27.3	13.33	180.83	
08/10/2024 21:00	8.85	6.97	106.4	15.8	9.05	4.43	67.16	15.83	24.09	18.98	289.73	24.81	12.16	184.16	
08/10/2024 21:05	8.8	6.76	104.63	15.79	9.72	4.9	67.56	15.83	23.95	18.39	284.77	26.69	13.44	185.39	
08/10/2024 21:10	8.36	6.8	107.11	15.78	9.86	4.99	68.33	15.83	22.7	18.47	290.74	27.05	13.68	187.49	
08/10/2024 21:15	8.69	6.96	104.95	15.78	9.15	4.53	67.61	15.82	23.62	18.92	285.16	25.06	12.39	185.04	
08/10/2024 21:20	8.65	6.78	104.84	15.78	9.71	4.87	65.89	15.83	23.49	18.42	284.76	26.62	13.36	180.56	
08/10/2024 21:25	8.3	6.81	106.87	15.78	9.66	4.89	65.94	15.83	22.53	18.47	289.93	26.46	13.41	180.65	
08/10/2024 21:30	8.9	7.14	106.72	15.78	8.99	4.5	67.62	15.82	24.17	19.39	289.66	24.59	12.32	184.88	
08/10/2024 21:35	8.83	6.95	105.52	15.78	9.64	4.87	66.36	15.82	23.96	18.85	286.24	26.4	13.34	181.68	
08/10/2024 21:40	8.42	6.78	106.13	15.77	9.45	4.86	66.05	15.82	22.81	18.37	287.46	25.87	13.3	180.73	
08/10/2024 21:45	8.85	7.09	106.84	15.77	8.92	4.47	68.57	15.81	24	19.23	289.69	24.36	12.2	187.3	
08/10/2024 21:50	8.8	6.85	105.12	15.77	9.66	4.91	65.64	15.82	23.87	18.57	284.92	26.41	13.43	179.51	
08/10/2024 21:55	8.71	6.65	104.12	15.76	9.61	4.99	65.53	15.82	23.56	17.99	281.7	26.29	13.64	179.26	
08/10/2024 22:00	8.86	6.92	103.37	15.76	9.2	4.43	65.53	15.79	23.94	18.69	279.36	25.05	12.05	178.38	
08/10/2024 22:05	8.89	6.74	101.81	15.75	9.86	4.76	64.1	15.79	24	18.18	274.77	26.82	12.94	174.31	
08/10/2024 22:10	8.62	6.72	105.01	15.72	9.89	4.85	63.89	15.78	23.15	18.03	281.93	26.87	13.17	173.6	
08/10/2024 22:15	8.96	6.92	104.03	15.72	8.87	4.49	67.29	15.76	24.05	18.57	279.2	24	12.15	182	
08/10/2024 22:20	8.88	6.75	103.91	15.72	9.48	4.89	66.93	15.76	23.82	18.09	278.62	25.62	13.22	180.89	
08/10/2024 22:25	8.36	6.83	106.21	15.7	9.36	4.89	66.86	15.76	22.33	18.24	283.75	25.29	13.22	180.67	
08/10/2024 22:30	8.92	7.15	106.74	15.7	8.64	4.55	69.04	15.74	23.82	19.1	285.13	23.26	12.25	185.82	
08/10/2024 22:35	8.73	7.01	105.66	15.69	8.99	5.06	69.51	15.74	23.32	18.72	282.03	24.22	13.64	187.2	
08/10/2024 22:40	7.91	7.04	108.83	15.69	9.09	5.16	70	15.74	21.09	18.77	290.08	24.49	13.89	188.53	
08/10/2024 22:45	8.33	7.41	108.65	15.69	8.32	4.61	70.52	15.73	22.23	19.77	289.8	22.34	12.38	189.44	
08/10/2024 22:50	8.2	7.25	107.64	15.69	8.79	5.1	69.87	15.73	21.86	19.33	287	23.64	13.71	187.87	
08/10/2024 22:55	7.85	7.18	110.03	15.68	8.64	5.16	70.25	15.73	20.9	19.11	292.86	23.22	13.86	188.8	
08/10/2024 23:00	8.14	7.45	109.37	15.68	8.29	4.79	70.84	15.72	21.7	19.84	291.38	22.26	12.86	190.06	
08/10/2024 23:05	8.04	7.24	107.91	15.68	8.96	5.17	69.66	15.73	21.41	19.28	287.38	24.08	13.89	187.24	
08/10/2024 23:10	7.86	7.1	108.9	15.68	8.97	5.17	69.97	15.73	20.92	18.9	289.72	24.11	13.91	188.11	
08/10/2024 23:15	8.18	7.43	110.06	15.68	8.3	4.83	71.25	15.72	21.79	19.79	293.14	22.28	12.96	191.12	
08/10/2024 23:20	8.12	7.3	108.36	15.68	9.14	5.2	69.71	15.72	21.62	19.45	288.49	24.53	13.95	187.15	
08/10/2024 23:25	7.81	7.1	109.02	15.67	9.36	5.35	69.92	15.72	20.77	18.89	289.93	25.12	14.35	187.64	
08/10/2024 23:30	8.28	7.43	109.61	15.68	8.32	4.85	70.94	15.71	22.05	19.79	291.76	22.3	13	190.13	
08/10/2024 23:35	8.16	7.26	107.64	15.68	8.96	5.15	70.17	15.72	21.72	19.31	286.43	24.04	13.84	188.39	
08/10/2024 23:40	7.73	7.15	109.97	15.67	8.89	5.13	70.47	15.72	20.54	19.01	292.18	23.87	13.77	189.22	
08/10/2024 23:45	8.37	7.43	109.65	15.68	8.29	4.8	71.55	15.71	22.29	19.77	291.88	22.23	12.87	191.76	
08/10/2024 23:50	8.32	7.24	108.83	15.68	8.96	5.11	69.67	15.73	22.16	19.27	289.66	24.07	13.72	187.17	
08/10/2024 23:55	7.87	7.05	108.38	15.67	9.09	5.1	69.31	15.73	20.94	18.76	288.24	24.43	13.69	186.23	
09/10/2024 00:00	8.3	7.41	109.3	15.68	8.33										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/10/2024 01:45	8.36	7.3	108.49	15.66	8.44	4.78	70.64	15.7	22.21	19.38	288.04	22.57	12.77	188.89	
09/10/2024 01:50	8.35	7.1	106.88	15.66	9	5.08	69.22	15.71	22.16	18.84	283.66	24.11	13.6	185.35	
09/10/2024 01:55	7.96	6.97	107.95	15.66	8.95	5.14	69.97	15.71	21.1	18.48	286.24	23.98	13.78	187.43	
09/10/2024 02:00	8.05	7.37	109.26	15.66	8.34	4.77	70.68	15.7	21.36	19.55	290	22.28	12.75	188.91	
09/10/2024 02:05	8.05	7.15	107.28	15.66	8.96	5.11	69.55	15.71	21.37	18.98	284.67	23.99	13.67	186.24	
09/10/2024 02:10	8.13	6.97	107.31	15.65	9.23	5.1	69.48	15.71	21.55	18.48	284.35	24.73	13.65	186.07	
09/10/2024 02:15	8.47	7.23	107.97	15.66	8.44	4.76	70.64	15.7	22.48	19.19	286.6	22.56	12.71	188.77	
09/10/2024 02:20	8.39	7.03	106.19	15.66	8.85	5.09	70.36	15.71	22.26	18.64	281.71	23.71	13.64	188.42	
09/10/2024 02:25	8.08	6.99	107.46	15.65	8.83	5.08	70.48	15.71	21.41	18.51	284.66	23.65	13.61	188.81	
09/10/2024 02:30	8.15	7.38	108.18	15.66	8.16	4.78	71.51	15.7	21.6	19.56	286.82	21.81	12.78	191.05	
09/10/2024 02:35	8.13	7.18	106.49	15.66	8.79	5.15	70.45	15.7	21.57	19.04	282.26	23.52	13.76	188.43	
09/10/2024 02:40	7.8	7.13	108.92	15.65	8.91	5.17	70.39	15.7	20.66	18.88	288.31	23.82	13.84	188.27	
09/10/2024 02:45	8.18	7.5	108.58	15.65	8.08	4.84	71.97	15.69	21.68	19.88	287.66	21.58	12.91	192.07	
09/10/2024 02:50	8.07	7.34	107.32	15.65	8.52	5.22	71.52	15.7	21.38	19.43	284.27	22.79	13.95	191.25	
09/10/2024 02:55	7.79	7.17	109	15.65	8.48	5.25	71.23	15.7	20.63	18.97	288.55	22.68	14.04	190.42	
09/10/2024 03:00	8.29	7.46	108.38	15.65	8	4.88	72.05	15.69	21.96	19.78	287.2	21.35	13.02	192.18	
09/10/2024 03:05	8.25	7.27	107.21	15.65	8.58	5.27	71.33	15.7	21.86	19.27	284.02	22.93	14.08	190.66	
09/10/2024 03:10	7.82	7.08	108.2	15.65	8.55	5.35	72.23	15.7	20.7	18.73	286.32	22.85	14.3	193.15	
09/10/2024 03:15	8.36	7.45	109.29	15.65	7.88	4.85	72.53	15.69	22.16	19.75	289.6	21.02	12.93	193.53	
09/10/2024 03:20	8.25	7.27	107.86	15.65	8.59	5.22	71.5	15.7	21.84	19.25	285.66	22.96	13.96	191.06	
09/10/2024 03:25	7.72	7.18	108.95	15.64	8.67	5.3	71.2	15.7	20.41	18.98	288.13	23.16	14.15	190.16	
09/10/2024 03:30	8.02	7.5	109.74	15.65	7.89	4.87	72.34	15.68	21.24	19.85	290.46	21.02	12.98	192.75	
09/10/2024 03:35	7.93	7.27	108.04	15.65	8.36	5.27	71.75	15.69	20.98	19.23	285.85	22.31	14.07	191.53	
09/10/2024 03:40	7.55	7.17	109.7	15.64	8.2	5.33	71.91	15.69	19.95	18.94	289.94	21.89	14.23	191.92	
09/10/2024 03:45	8.1	7.61	110.86	15.65	7.66	4.8	73.08	15.69	21.46	20.16	293.65	20.41	12.8	194.82	
09/10/2024 03:50	8.06	7.41	109.13	15.65	8.34	5.26	72	15.7	21.36	19.63	289.07	22.26	14.04	192.31	
09/10/2024 03:55	7.59	7.27	109.7	15.64	8.45	5.32	72.31	15.7	20.07	19.23	290.15	22.58	14.2	193.12	
09/10/2024 04:00	7.85	7.66	111.04	15.66	7.84	4.8	71.54	15.69	20.83	20.31	294.54	20.9	12.81	190.78	
09/10/2024 04:05	7.89	7.43	108.83	15.66	8.69	5.18	69.7	15.7	20.91	19.71	288.51	23.22	13.83	186.19	
09/10/2024 04:10	7.73	7.04	107.42	15.65	8.83	5.21	69.39	15.7	20.46	18.63	284.24	23.58	13.91	185.38	
09/10/2024 04:15	7.99	7.52	109.4	15.65	8.13	4.87	70.62	15.69	21.14	19.9	289.48	21.68	13	188.37	
09/10/2024 04:20	7.91	7.26	107.72	15.65	8.54	5.27	70.95	15.7	20.94	19.22	285.04	22.82	14.08	189.51	
09/10/2024 04:25	7.68	7.2	108.7	15.64	8.45	5.3	71.06	15.7	20.29	19.02	287.24	22.58	14.16	189.84	
09/10/2024 04:30	7.68	7.59	110.73	15.65	8.01	4.98	71.83	15.69	20.34	20.1	293.16	21.35	13.28	191.47	
09/10/2024 04:35	7.64	7.39	108.9	15.65	8.56	5.33	71.4	15.69	20.22	19.56	288.21	22.86	14.24	190.67	
09/10/2024 04:40	7.81	7.23	108.75	15.64	8.44	5.35	71.52	15.7	20.65	19.1	287.44	22.54	14.28	191.05	
09/10/2024 04:45	7.94	7.53	108.59	15.65	7.99	4.99	72.39	15.69	21.02	19.92	287.34	21.31	13.31	192.98	
09/10/2024 04:50	8	7.34	106.87	15.65	8.63	5.32	71.09	15.7	21.17	19.42	282.73	23.04	14.2	189.86	
09/10/2024 04:55	7.73	7.2	108.8	15.65	8.72	5.33	70.53	15.7	20.44	19.05	287.85	23.28	14.24	188.37	
09/10/2024 05:00	8	7.58	109.93	15.65	8.01	4.93	72.04	15.69	21.2	20.09	291.27	21.39	13.15	192.21	
09/10/2024 05:05	8.02	7.33	107.9	15.65	8.8	5.2	70.11	15.7	21.24	19.41	285.79	23.51	13.89	187.34	
09/10/2024 05:10	7.71	7.13	109.27	15.65	9.08	5.19	69.8	15.7	20.4	18.86	289.22	24.27	13.87	186.57	
09/10/2024 05:15	8.08	7.45	109.44	15.66	8.22	4.76	70.4	15.69	21.42	19.76	290.15	21.93	12.7	187.79	
09/10/2024 05:20	8.05	7.25	107.54	15.66	8.8	5.13	70.27	15.7	21.34	19.22	285.01	23.5	13.7	187.75	
09/10/2024 05:25	8.01	7.09	108.87	15.65	8.83	5.14	70.13	15.7	21.19	18.76	288.05	23.59	13.74	187.39	
09/10/2024 05:30	8.41	7.33	107.95	15.65	8.21	4.73	71.3	15.69	22.26	19.39	285.7	21.9	12.6	190.06	
09/10/2024 05:35	8.36	7.13	106.48	15.65	8.81	5.08	70.12	15.69	22.12	18.87	281.76	23.52	13.57	187.12	
09/10/2024 05:40	7.93	7.04	109.02	15.64	8.83	5.1	70.05	15.69	20.96	18.62	288.24	23.56	13.6	186.96	
09/10/2024 05:45	8.4	7.35	108.31	15.65	8.18	4.71	71.81	15.69	22.24	19.47	286.88	21.8	12.55	191.39	
09/10/2024 05:50	8.38	7.15	107.06	15.65	8.69	5.02	70.53	15.69	22.2	18.94	283.44	23.19	13.41	188.21	
09/10/2024 05:55	8.09	6.98	108.82	15.64	8.72	5	70.22	15.69	21.38	18.43	287.42	23.26	13.35	187.36	
09/10/2024 06:00	8.46	7.27	109.06	15.64	8.26	4.71	71.89	15.68	22.37	19.21	288.32	21.98	12.55	191.36	
09/10/2024 06:05	8.38	7.11	108.78	15.64	8.81	5.01	70.62	15.68	22.13	18.8	287.44	23.47	13.36	188.15	
09/10/2024 06:10	8.11	6.95	108.87	15.63	8.86	5.05	71.06	15.68	21.39	18.35	287.23	23.61	13.46	189.39	
09/10/2024 06:15	8.6	7.27	109.63	15.64	8.33	4.66	71.98	15.67	22.7	19.19	289.49	22.17	12.4	191.44	
09/10/2024 06:20	8.57	7.09	107.8	15.63	8.97	4.96	70.18	15.68	22.63	18.72	284.57	23.87	13.21	186.85	
09/10/2024 06:25	8.19	6.89	107.97	15.63	9.13	4.94	69.11	15.68	21.61	18.17	284.82	24.28	13.14	183.85	
09/10/2024 06:30	8.42	7.2	109.61	15.64	8.24	4.57	71.34	15.67	22.26	19.02	289.67	21.89	12.13	189.53	
09/10/2024 06:35	8.33	6.98	107.39	15.64	8.89	4.96	71.17	15.68	21.99	18.43	283.57	23.65	13.21	189.42	
09/10/2024 06:40	8.09	6.88	108.87	15.62	8.94	5	71.67	15.68	21.3	18.11	286.7	23.79	13.32	190.78	
09/10/2024 06:45	8.3	7.19	107.87	15.63	8.2	4.59	71.94	15.67	21.89	18.97	284.54	21.77	12.19	191.02	
09/10/2024 06:50	8.28	6.94	105.97	15.63	8.77	4.94	70.74	15.67	21.86	18.31	279.63	23.33	13.13	188.18	
09/10/2024 06:55	8.11	6.86	108.62	15.63	8.78	4.99	71.09	15.68	21.4	18.1	286.67	23.36	13.27	189.13	
09/10/2024 07:00	8.63	7.16	108.96	15.65	8.29	4.64	72.17	15.68	22.85	18.95	288.59	22.09	12.35	192.3	
09/10/2024 07:05	8.53	6.91	107.1	15.65	9.04	4.93	70.87	15.7	22.61	18.31	283.75	24.16	13.19	189.5	
09/10/2024 07:10	8.29	6.79	107.87	15.65	9.16	4.97	70.86	15.7	21.96	17.98	285.85	24.48	13.29	189.41	
09/10/2024 07:15	8.75	7.08	106.82	15.66	8.54	4.59	71.48	15.7	23.21	18.78	283.43	22.82	12.27	190.9	
09/10/2024 07:20	8.58	6.89	105.76	15.66	9.16	4.88	70.58	15.71	22.75	18.28	280.49	24.51	13.05	188.9	
09/10/2024 07:25	8.36	6.81	107.49	15.66	9.41	4.85	70.09	15.7	22.17	18.04	284.97	25.16	12.96	187.48	
09/10/2024 07:30	8.57	7.07	108.5	15.66	8.67	4.52	71.32	15.7	22.74	18.78	287.99	23.16	12.06	190.48	
09/10/2024 07:35	8.49	6.91	106.99	15.66	9.07	4.85	70.05	15.7	22.53	18.33	283.86	24.27	12.99	187.42	
09/10/2024 07:40	8.26	6.72	106.98	15.65	9.05	4.89	70.34	15.71	21.87	17.81	283.39	24.21	13.1	188.26	
09/10/2024 07:45	8.78	7.1	107.52	15.66	8.58	4.53	70.78								



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/10/2024 09:30	8.69	6.89	106.03	15.73	8.68	4.2	69.4	15.76	23.38	18.54	285.27	23.49	11.36	187.8	
09/10/2024 09:35	8.68	6.65	104.45	15.73	9.38	4.67	68.9	15.77	23.35	17.88	280.92	25.44	12.66	186.82	
09/10/2024 09:40	8.44	6.63	106.74	15.73	9.55	4.67	68.53	15.77	22.67	17.82	286.79	25.87	12.67	185.7	
09/10/2024 09:45	8.6	7.01	105.89	15.74	8.69	4.2	70.29	15.77	23.16	18.88	285.17	23.55	11.36	190.37	
09/10/2024 09:50	8.54	6.81	103.84	15.74	9.42	4.64	69.09	15.78	23	18.33	279.52	25.58	12.59	187.61	
09/10/2024 09:55	8.35	6.61	107.2	15.73	9.55	4.69	69.05	15.78	22.45	17.78	288.36	25.92	12.74	187.5	
09/10/2024 10:00	9.12	6.89	106.61	15.74	8.8	4.29	69.79	15.77	24.55	18.55	287.06	23.85	11.64	189.1	
09/10/2024 10:05	9.06	6.66	105	15.74	9.29	4.65	68.95	15.78	24.39	17.92	282.59	25.22	12.63	187.18	
09/10/2024 10:10	8.24	6.56	106.25	15.73	9.41	4.63	68.58	15.78	22.17	17.63	285.71	25.53	12.56	186.17	
09/10/2024 10:15	8.85	6.95	107.74	15.74	8.74	4.24	70.84	15.77	23.82	18.71	289.99	23.68	11.5	191.99	
09/10/2024 10:20	8.79	6.71	106.05	15.74	9.24	4.68	69.34	15.78	23.67	18.05	285.39	25.09	12.72	188.29	
09/10/2024 10:25	8.43	6.58	106.5	15.73	9.22	4.72	69.17	15.78	22.67	17.7	286.57	25.04	12.82	187.89	
09/10/2024 10:30	8.58	7.01	107.75	15.75	8.48	4.32	70.63	15.78	23.15	18.9	290.67	23.03	11.72	191.67	
09/10/2024 10:35	8.48	6.78	106.01	15.75	9.15	4.7	70.22	15.79	22.89	18.29	285.95	24.88	12.79	190.96	
09/10/2024 10:40	8.28	6.64	107.64	15.74	9.13	4.83	70.89	15.79	22.3	17.9	290.04	24.82	13.14	192.8	
09/10/2024 10:45	8.86	6.84	105.62	15.75	8.59	4.38	71.16	15.79	23.93	18.47	285.11	23.35	11.91	193.38	
09/10/2024 10:50	8.74	6.65	104.14	15.75	9.21	4.72	69.38	15.8	23.58	17.95	281.03	25.08	12.87	188.96	
09/10/2024 10:55	8.41	6.67	107.22	15.75	9.38	4.8	68.75	15.8	22.68	18	289.26	25.53	13.07	187.21	
09/10/2024 11:00	8.55	6.97	108.51	15.76	8.24	4.4	72.45	15.79	23.1	18.83	293.19	22.41	11.96	197.03	
09/10/2024 11:05	8.57	6.83	107.02	15.75	9.05	5.03	72.51	15.8	23.15	18.45	289.08	24.67	13.73	197.69	
09/10/2024 11:10	8.03	6.56	107.8	15.75	9.36	5.35	71.97	15.8	21.69	17.72	290.95	25.52	14.58	196.27	
09/10/2024 11:15	8.54	7.09	107	15.75	8.7	4.39	71.38	15.76	23.03	19.13	288.61	23.54	11.89	193.17	
09/10/2024 11:20	8.55	6.89	104.72	15.72	9.64	4.8	68.74	15.7	22.94	18.49	280.83	25.78	12.84	183.8	
09/10/2024 11:25	8.31	6.45	103.97	15.6	10.36	4.99	68.72	15.68	21.79	16.93	272.81	27.6	13.29	183.09	
09/10/2024 11:30	8.63	7.09	106.65	15.59	8.26	4.13	70.16	15.63	22.6	18.56	279.31	21.81	10.91	185.08	
09/10/2024 11:35	8.5	6.84	104.47	15.59	9.07	4.66	67.93	15.63	22.25	17.91	273.53	23.93	12.29	179.19	
09/10/2024 11:40	8.16	6.57	104.66	15.59	8.66	4.08	67.23	15.63	21.37	17.2	274.05	22.82	10.76	177.27	
09/10/2024 11:45	8.86	7.08	106.12	15.6	8.42	4.2	68.87	15.64	23.26	18.57	278.48	22.23	11.09	181.91	
09/10/2024 11:50	8.64	6.83	104.54	15.61	9.49	4.64	68.1	15.67	22.69	17.95	274.64	25.23	12.33	180.97	
09/10/2024 11:55	8.18	6.62	104.15	15.64	9.14	4.3	67.55	15.68	21.62	17.49	275.28	24.32	11.44	179.69	
09/10/2024 12:00	8.79	6.89	105.74	15.66	8.44	4.18	69.61	15.69	23.32	18.27	280.5	22.5	11.15	185.62	
09/10/2024 12:05	8.75	6.66	104.51	15.66	9.45	4.83	68.31	15.72	23.22	17.67	277.4	25.35	12.95	183.18	
09/10/2024 12:10	8.36	6.56	105.27	15.67	9.48	4.96	68.39	15.72	22.24	17.45	279.94	25.45	13.3	183.53	
09/10/2024 12:15	8.45	7.03	105.6	15.69	8.71	4.34	69.1	15.72	22.53	18.75	281.68	23.38	11.65	185.55	
09/10/2024 12:20	8.52	6.72	102.61	15.69	9.6	4.56	67.73	15.75	22.75	17.93	273.84	25.91	12.31	182.71	
09/10/2024 12:25	8.13	6.49	104.34	15.71	9.73	4.27	67.08	15.75	21.78	17.38	279.41	26.26	11.51	180.94	
09/10/2024 12:30	8.75	6.87	106.03	15.72	8.28	3.92	69.05	15.75	23.49	18.44	284.72	22.36	10.59	186.46	
09/10/2024 12:35	8.78	6.66	103.64	15.73	9.43	4.91	67.2	15.78	23.58	17.88	278.44	25.61	13.33	182.53	
09/10/2024 12:40	8.18	6.54	104.72	15.77	9.55	5.13	66.59	15.79	22.18	17.73	283.93	25.96	13.95	181.11	
09/10/2024 12:45	8.28	6.65	104.85	15.83	8.69	4.38	69.15	15.86	22.68	18.23	287.24	23.93	12.07	190.56	
09/10/2024 12:50	8.21	6.43	103.08	15.84	9.26	4.38	67.47	15.91	22.53	17.66	282.97	25.8	12.21	187.88	
09/10/2024 12:55	8.45	6.26	105.51	15.86	8.77	3.85	67.23	15.91	23.32	17.29	291.26	24.4	10.7	187.15	
09/10/2024 13:00	9.1	6.59	105.8	15.86	8.82	3.95	69.59	15.89	25.09	18.18	291.74	24.46	10.94	192.93	
09/10/2024 13:05	8.95	6.27	104.2	15.84	9.6	4.11	68.63	15.86	24.62	17.25	286.46	26.49	11.35	189.31	
09/10/2024 13:10	8.35	5.87	106.75	15.76	9.08	3.81	68.88	15.85	22.59	15.86	288.67	24.97	10.49	189.46	
09/10/2024 13:15	9.15	5.94	105.49	15.72	8.63	3.4	70.31	15.76	24.53	15.92	282.86	23.34	9.2	190.02	
09/10/2024 13:20	9.13	5.65	103.67	15.69	9.33	3.58	69.02	15.69	24.34	15.07	276.46	24.88	9.56	184.07	
09/10/2024 13:25	8.37	5.49	106.54	15.59	9.61	3.36	68.56	15.67	21.92	14.38	278.88	25.53	8.93	182.18	
09/10/2024 13:30	8.35	5.67	106.86	15.56	8.77	2.9	70.02	15.6	21.76	14.78	278.38	23.01	7.62	183.71	
09/10/2024 13:35	8.37	5.42	104.83	15.55	9.36	3.3	68.8	15.57	21.75	14.09	272.29	24.39	8.59	179.32	
09/10/2024 13:40	8.5	5.17	106.82	15.49	8.94	2.89	68.69	15.55	21.81	13.26	274.25	23.24	7.52	178.62	
09/10/2024 13:45	8.96	5.47	107.36	15.47	8.64	2.6	70.52	15.5	22.95	14.02	274.89	22.25	6.69	181.59	
09/10/2024 13:50	9.02	5.38	106.32	15.46	9.72	3.3	69.49	15.48	23.05	13.75	271.55	24.92	8.46	178.23	
09/10/2024 13:55	8.51	5.06	106.94	15.4	10.22	3.7	69.86	15.48	21.51	12.8	270.39	26.2	9.5	179.1	
09/10/2024 14:00	8.78	5.38	106.08	15.39	9.37	3.03	71.06	15.43	22.16	13.59	267.64	23.81	7.7	180.56	
09/10/2024 14:05	8.84	5.21	104.42	15.38	9.51	2.94	69.51	15.4	22.26	13.11	262.91	24.04	7.43	175.65	
09/10/2024 14:10	8.61	4.86	105.88	15.33	9.53	3.14	69.91	15.39	21.46	12.13	264.03	24.06	7.93	176.47	
09/10/2024 14:15	9.42	5.32	107.17	15.32	8.98	2.57	70.85	15.36	23.45	13.23	266.85	22.51	6.45	177.58	
09/10/2024 14:20	9.41	5.04	105.16	15.31	9.53	2.78	69.07	15.34	23.4	12.54	261.46	23.83	6.95	172.6	
09/10/2024 14:25	8.75	4.8	106.42	15.27	8.91	2.3	68.97	15.33	21.6	11.86	262.74	22.21	5.73	172.01	
09/10/2024 14:30	9.32	5.33	107.98	15.27	9.34	2.51	69.6	15.31	22.99	13.14	266.43	23.2	6.23	172.9	
09/10/2024 14:35	9.37	5.25	107.24	15.26	9.57	2.41	67.98	15.29	23.1	12.95	264.4	23.72	5.97	168.46	
09/10/2024 14:40	9.17	4.68	104.63	15.25	10.08	2.74	67.88	15.29	22.55	11.49	257.22	24.99	6.78	168.29	
09/10/2024 14:45	9.48	4.93	105.01	15.25	9.92	2.66	68.72	15.29	23.33	12.13	258.46	24.6	6.59	170.33	
09/10/2024 14:50	9.42	4.69	103.64	15.26	9.77	2.21	67.55	15.31	23.21	11.54	255.28	24.27	5.5	167.82	
09/10/2024 14:55	9.37	4.74	105.14	15.28	10.11	2.31	67.84	15.31	23.19	11.72	260.19	25.13	5.75	168.68	
09/10/2024 15:00	9.27	5.08	105.26	15.3	10.45	2.78	69.33	15.34	23.01	12.62	261.32	26.12	6.96	173.3	
09/10/2024 15:05	9.24	4.81	103.98	15.31	10.21	2.45	66.94	15.36	22.95	11.96	258.31	25.61	6.15	167.88	
09/10/2024 15:10	9.65	4.57	104.8	15.33	10.36	2.39	66.73	15.36	24.07	11.4	261.41	25.98	6	167.37	
09/10/2024 15:15	9.63	4.76	105.06	15.34	11.07	2.86	66.81	15.38	24.08	11.9	262.78	27.89	7.2	168.23	
09/10/2024 15:20	9.65	4.48	103.34	15.34	10.79	2.46	66.18	15.39	24.16	11.22	258.54	27.22	6.2	166.88	
09/10/2024 15:25	9.51	4.27	103.62	15.34	10.86	2.45	66.47	15.39	23.75	10.68	258.91	27.37	6.19	167.56	
09/10/2024 15:30	9.52	4.54	104.94	15.34	10.57										



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/10/2024 17:15	11.36	3.81	95.13	15.3	10.16	2.36	70.57	15.38	28.19	9.46	236.11	25.58	5.95	177.69	
09/10/2024 17:20	11.21	3.72	94.23	15.31	10.15	2.29	68.9	15.39	27.84	9.25	234.09	25.6	5.77	173.84	
09/10/2024 17:25	11.03	3.67	96.06	15.29	9.69	2.02	69	15.39	27.35	9.09	238.23	24.43	5.09	173.99	
09/10/2024 17:30	10.55	4.6	102.71	15.34	10.82	1.8	62.76	15.36	26.39	11.5	256.91	27.15	4.53	157.5	
09/10/2024 17:35	10.39	4.54	102.32	15.34	10.95	1.93	61.84	15.36	26	11.36	255.97	27.48	4.84	155.19	
09/10/2024 17:40	9.41	4.42	106.38	15.35	10.94	2	61.64	15.36	23.56	11.07	266.36	27.45	5.02	154.68	
09/10/2024 17:45	9.57	4.66	106.45	15.36	10.81	1.95	62.9	15.36	24	11.69	266.97	27.14	4.9	157.82	
09/10/2024 17:50	9.83	4.61	104.73	15.35	11.57	2.13	60.51	15.35	24.63	11.56	262.44	29	5.35	151.66	
09/10/2024 17:55	9.63	4.35	104.49	15.34	12.28	2.24	59.8	15.35	24.08	10.88	261.25	30.78	5.6	149.85	
09/10/2024 18:00	10.24	4.56	104.76	15.35	10.91	2.05	64.18	15.37	25.64	11.43	262.43	27.44	5.17	161.42	
09/10/2024 18:05	10.29	4.57	103.58	15.35	10.97	2.52	66.01	15.39	25.77	11.45	259.46	27.66	6.35	166.44	
09/10/2024 18:10	9.38	4.5	105.99	15.35	11.22	2.66	66.19	15.39	23.5	11.28	265.57	28.3	6.7	166.94	
09/10/2024 18:15	9.42	4.8	107.08	15.36	10.26	2.32	67.61	15.39	23.62	12.03	268.58	25.88	5.85	170.54	
09/10/2024 18:20	9.6	4.77	105.46	15.36	10.61	2.66	66.47	15.4	24.08	11.95	264.49	26.8	6.72	167.96	
09/10/2024 18:25	9.51	4.65	106.9	15.36	10.5	2.67	65.86	15.4	23.85	11.67	268.22	26.54	6.76	166.44	
09/10/2024 18:30	9.7	4.99	108.28	15.37	9.98	2.41	68.34	15.4	24.38	12.54	272.1	25.23	6.08	172.8	
09/10/2024 18:35	9.83	4.94	106.63	15.37	10.48	2.8	68.13	15.42	24.73	12.42	268.15	26.58	7.09	172.85	
09/10/2024 18:40	9.44	4.68	106.72	15.38	10.53	2.77	67.83	15.43	23.76	11.78	268.7	26.74	7.03	172.25	
09/10/2024 18:45	9.35	4.89	107.18	15.38	9.98	2.56	68.86	15.42	23.57	12.32	270.06	25.31	6.49	174.64	
09/10/2024 18:50	9.44	4.86	105.9	15.39	10.49	2.85	67.88	15.43	23.8	12.25	266.95	26.66	7.24	172.6	
09/10/2024 18:55	9.24	4.82	107.95	15.38	10.41	2.88	68.19	15.43	23.28	12.15	271.95	26.46	7.31	173.36	
09/10/2024 19:00	9.6	5.13	107.09	15.39	9.99	2.63	69.44	15.43	24.2	12.93	269.96	25.38	6.68	176.37	
09/10/2024 19:05	9.69	5	105.42	15.39	10.52	2.79	68.06	15.44	24.45	12.6	265.83	26.78	7.11	173.23	
09/10/2024 19:10	9.23	4.83	107.65	15.38	10.53	2.86	68.11	15.44	23.24	12.16	271.13	26.81	7.28	173.36	
09/10/2024 19:15	9.7	5.21	107.92	15.4	10.13	2.59	68.95	15.44	24.49	13.16	272.57	25.77	6.58	175.45	
09/10/2024 19:20	9.7	5.05	105.47	15.4	10.19	2.67	67.72	15.45	24.52	12.76	266.41	25.98	6.79	172.56	
09/10/2024 19:25	9.41	4.85	107.61	15.39	10.31	2.64	66.94	15.44	23.73	12.24	271.35	26.27	6.73	170.53	
09/10/2024 19:30	9.59	5.07	108.18	15.39	9.93	2.54	69.41	15.43	24.19	12.78	272.96	25.24	6.45	176.42	
09/10/2024 19:35	9.67	5	106.34	15.39	10.07	2.7	68.39	15.43	24.4	12.61	268.2	25.59	6.86	173.72	
09/10/2024 19:40	9.27	4.85	108.54	15.38	10.11	2.88	68.47	15.43	23.34	12.22	273.38	25.67	7.3	173.88	
09/10/2024 19:45	9.69	5.03	107.7	15.39	9.82	2.5	69.96	15.42	24.45	12.69	271.71	24.93	6.35	177.56	
09/10/2024 19:50	9.79	4.97	106.01	15.39	10.12	2.77	68.66	15.43	24.68	12.53	267.37	25.72	7.05	174.43	
09/10/2024 19:55	9.29	4.81	107.79	15.38	9.84	2.67	68.41	15.43	23.42	12.13	271.64	25.01	6.79	173.82	
09/10/2024 20:00	9.43	5.07	108.75	15.39	9.62	2.45	69.66	15.42	23.77	12.79	274.09	24.41	6.21	176.79	
09/10/2024 20:05	9.43	5.04	107.4	15.39	10.32	2.83	68.64	15.44	23.76	12.71	270.77	26.27	7.19	174.64	
09/10/2024 20:10	9.19	4.79	108.42	15.39	10.22	2.74	68.2	15.44	23.17	12.08	273.31	26.03	6.97	173.7	
09/10/2024 20:15	9.86	5.1	108.46	15.38	9.84	2.54	69.79	15.43	24.83	12.86	273.28	25.01	6.46	177.27	
09/10/2024 20:20	9.9	5.05	107.79	15.39	10.39	2.7	68.03	15.44	24.96	12.72	271.69	26.44	6.88	173.2	
09/10/2024 20:25	9.3	4.82	107.81	15.38	10.41	2.56	67.61	15.44	23.42	12.14	271.52	26.5	6.53	172.14	
09/10/2024 20:30	9.77	5.21	108.2	15.39	9.9	2.51	69.6	15.43	24.64	13.13	272.81	25.17	6.38	176.89	
09/10/2024 20:35	9.8	5.14	106.43	15.39	10.11	2.7	68.49	15.44	24.73	12.95	268.43	25.73	6.87	174.37	
09/10/2024 20:40	9.34	4.87	108.22	15.38	9.92	2.66	68.25	15.44	23.53	12.26	272.58	25.26	6.77	173.77	
09/10/2024 20:45	9.68	5.15	107.33	15.39	9.65	2.47	69.72	15.43	24.43	13	270.86	24.52	6.27	177.19	
09/10/2024 20:50	9.72	5.01	105.72	15.39	10.05	2.69	68.73	15.43	24.51	12.65	266.7	25.55	6.84	174.73	
09/10/2024 20:55	9.18	4.91	108.47	15.38	10.02	2.78	68.66	15.43	23.13	12.36	273.27	25.45	7.07	174.45	
09/10/2024 21:00	9.82	5.15	108.36	15.39	9.77	2.5	69.19	15.43	24.78	12.99	273.53	24.82	6.34	175.83	
09/10/2024 21:05	9.89	5.05	106.22	15.39	10.4	2.75	67.42	15.43	24.94	12.73	268.01	26.44	7	171.34	
09/10/2024 21:10	9.38	4.68	106.59	15.38	10.42	2.74	67.06	15.43	23.62	11.79	268.55	26.48	6.95	170.41	
09/10/2024 21:15	9.74	5.08	107.87	15.39	10.01	2.43	68.49	15.42	24.56	12.8	272.06	25.41	6.17	173.8	
09/10/2024 21:20	9.87	5	106.06	15.39	10.53	2.78	67.21	15.43	24.9	12.6	267.5	26.75	7.06	170.75	
09/10/2024 21:25	9.3	4.72	106.7	15.38	10.5	2.91	67.58	15.43	23.45	11.89	268.9	26.68	7.39	171.72	
09/10/2024 21:30	9.86	5.02	107.24	15.39	9.98	2.54	68.78	15.42	24.87	12.65	270.35	25.34	6.44	174.5	
09/10/2024 21:35	9.93	4.95	106.47	15.39	10.52	2.74	67.4	15.43	25.04	12.49	268.45	26.75	6.96	171.36	
09/10/2024 21:40	9.23	4.75	107.68	15.38	10.69	2.64	67.16	15.43	23.24	11.96	271.15	27.18	6.72	170.79	
09/10/2024 21:45	9.81	5.14	108.49	15.38	9.97	2.57	69.55	15.43	24.72	12.95	273.25	25.32	6.53	176.64	
09/10/2024 21:50	9.89	5.02	106.48	15.38	10.21	2.74	68.42	15.44	24.92	12.65	268.21	25.99	6.97	174.08	
09/10/2024 21:55	9.4	4.82	107.43	15.38	10.2	2.78	68.58	15.44	23.64	12.12	270.33	25.96	7.08	174.46	
09/10/2024 22:00	9.74	5.16	106.81	15.39	9.89	2.56	69.29	15.43	24.55	13.02	269.23	25.13	6.49	175.92	
09/10/2024 22:05	9.72	4.98	104.7	15.39	10.27	2.64	67.85	15.43	24.51	12.54	263.92	26.1	6.72	172.41	
09/10/2024 22:10	9.36	4.83	107.35	15.38	10.16	2.63	68	15.43	23.57	12.17	270.26	25.81	6.67	172.79	
09/10/2024 22:15	10	5.01	106.17	15.39	9.8	2.27	69.66	15.43	25.23	12.65	267.81	24.88	5.78	176.9	
09/10/2024 22:20	10.05	4.92	104.9	15.39	10.35	2.72	68	15.44	25.35	12.42	264.54	26.34	6.92	173.02	
09/10/2024 22:25	9.44	4.78	106.53	15.39	10.47	2.85	68.28	15.43	23.8	12.05	268.62	26.62	7.24	173.65	
09/10/2024 22:30	9.72	5.03	106.77	15.39	9.99	2.47	68.3	15.43	24.53	12.69	269.43	25.37	6.27	173.47	
09/10/2024 22:35	9.88	5.01	105.37	15.39	10.67	2.78	67.74	15.43	24.92	12.63	265.85	27.09	7.05	172.02	
09/10/2024 22:40	9.56	4.71	106.46	15.38	11.14	2.81	68.23	15.43	24.09	11.88	268.22	28.29	7.15	173.28	
09/10/2024 22:45	9.84	5.11	107.37	15.39	10.14	2.43	69	15.42	24.81	12.88	270.78	25.72	6.17	175.07	
09/10/2024 22:50	9.92	5.03	105.8	15.39	10.63	2.72	67.43	15.43	25.02	12.67	266.8	27.02	6.92	171.44	
09/10/2024 22:55	9.49	4.68	106.46	15.38	10.78	2.58	66.47	15.43	23.9	11.79	268.24	27.42	6.56	169.04	
09/10/2024 23:00	9.78	4.96	106.12	15.38	10.05	2.5	69.6	15.42	24.64	12.49	267.29	25.51	6.35	176.51	
09/10/2024 23:05	9.83	4.89	105.48	15.38	10.36	2.71	68.27	15.43	24.77	12.32	265.67	26.31	6.89	173.45	
09/10/2024 23:10	9.27	4.71	107.18	15.38	10.23	2.7	68.38	15.43	23.33	11.86	269.64	25.99	6.87	173.64	
09/10/2024 23:15	10.13	5.03	104.94	15.38	10.05	2.5	68.71								



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/10/2024 01:00	9.91	5.12	105.96	15.38	10.08	2.66	69.92	15.42	24.96	12.88	266.83	25.57	6.74	177.28	
10/10/2024 01:05	9.99	5	104.64	15.38	10.39	2.81	68.98	15.42	25.17	12.59	263.51	26.37	7.14	175.08	
10/10/2024 01:10	9.36	4.86	107.4	15.38	10.47	2.89	69	15.42	23.57	12.23	270.4	26.56	7.34	175.03	
10/10/2024 01:15	9.48	5.12	107.67	15.4	10.14	2.67	70.42	15.43	23.94	12.93	271.87	25.74	6.78	178.76	
10/10/2024 01:20	9.59	5.07	106.37	15.39	10.48	2.82	69.09	15.43	24.23	12.81	268.56	26.63	7.18	175.54	
10/10/2024 01:25	9.42	4.81	107.25	15.39	10.78	2.99	69.34	15.43	23.76	12.13	270.42	27.41	7.59	176.3	
10/10/2024 01:30	9.61	5.1	107.47	15.4	9.91	2.6	70.62	15.43	24.29	12.87	271.46	25.17	6.6	179.38	
10/10/2024 01:35	9.67	4.98	105.32	15.4	10.39	2.9	69.37	15.43	24.42	12.57	265.98	26.42	7.37	176.4	
10/10/2024 01:40	9.33	4.77	107.26	15.39	10.36	2.95	69.14	15.44	23.51	12.02	270.42	26.35	7.52	175.89	
10/10/2024 01:45	9.74	5.07	106.88	15.38	9.93	2.62	70.34	15.42	24.53	12.76	269.16	25.21	6.64	178.47	
10/10/2024 01:50	9.78	4.97	105.37	15.38	10.45	2.89	69.88	15.43	24.65	12.52	265.39	26.56	7.36	177.63	
10/10/2024 01:55	9.37	4.74	107.16	15.38	10.56	2.86	69.72	15.43	23.57	11.94	269.66	26.85	7.27	177.26	
10/10/2024 02:00	9.71	5.1	107	15.38	10.12	2.63	70.12	15.42	24.45	12.84	269.29	25.68	6.67	177.91	
10/10/2024 02:05	9.77	4.98	105.52	15.38	10.39	2.78	68.82	15.43	24.58	12.53	265.61	26.4	7.06	174.85	
10/10/2024 02:10	9.54	4.73	106.35	15.37	10.41	2.86	69.13	15.43	23.99	11.9	267.4	26.43	7.27	175.55	
10/10/2024 02:15	9.68	5.18	106.75	15.38	9.81	2.56	71.34	15.42	24.38	13.05	268.93	24.88	6.5	180.92	
10/10/2024 02:20	9.64	5.06	105.47	15.38	10.29	2.7	69.38	15.42	24.28	12.74	265.63	26.12	6.85	176.12	
10/10/2024 02:25	9.58	4.68	105.4	15.37	10.41	2.74	69.56	15.43	24.08	11.77	264.84	26.42	6.95	176.61	
10/10/2024 02:30	9.7	4.92	106.65	15.38	9.93	2.48	70.59	15.42	24.42	12.39	268.45	25.19	6.3	179.08	
10/10/2024 02:35	9.73	4.84	104.85	15.38	10.36	2.72	69	15.42	24.5	12.18	264.03	26.31	6.92	175.15	
10/10/2024 02:40	9.48	4.75	106.96	15.38	10.25	2.8	69.64	15.43	23.88	11.98	269.55	26.02	7.1	176.8	
10/10/2024 02:45	10.03	4.88	106.28	15.39	9.91	2.45	71.03	15.42	25.3	12.3	267.96	25.15	6.22	180.23	
10/10/2024 02:50	10.07	4.82	104.87	15.38	10.42	2.79	69.39	15.42	25.38	12.16	264.28	26.43	7.08	176.1	
10/10/2024 02:55	9.59	4.69	106.44	15.38	10.64	2.92	69.13	15.42	24.14	11.81	268	27.01	7.42	175.45	
10/10/2024 03:00	9.65	5.01	107.1	15.39	9.98	2.56	70.78	15.42	24.31	12.63	269.94	25.31	6.5	179.47	
10/10/2024 03:05	9.72	4.98	106.32	15.39	10.39	2.81	70.04	15.43	24.51	12.54	268.05	26.4	7.14	177.92	
10/10/2024 03:10	9.61	4.71	106.67	15.38	10.45	2.77	70.41	15.43	24.19	11.85	268.39	26.56	7.03	178.9	
10/10/2024 03:15	9.81	5.1	106.79	15.38	9.96	2.55	70.93	15.42	24.7	12.84	268.79	25.26	6.46	179.85	
10/10/2024 03:20	9.88	4.98	105.26	15.38	10.27	2.8	69.97	15.42	24.87	12.53	264.95	26.07	7.1	177.61	
10/10/2024 03:25	9.56	4.78	106.9	15.37	10.19	2.7	69.83	15.42	24.02	12.01	268.59	25.84	6.86	177.13	
10/10/2024 03:30	9.86	5.15	107.03	15.37	9.91	2.67	72.27	15.42	24.8	12.94	269.18	25.12	6.76	183.21	
10/10/2024 03:35	9.94	4.99	105.43	15.38	10.3	2.74	69.46	15.43	25	12.55	265.25	26.16	6.96	176.38	
10/10/2024 03:40	9.49	4.82	107.48	15.38	10.19	2.74	68.92	15.43	23.88	12.13	270.46	25.86	6.95	174.98	
10/10/2024 03:45	9.48	5.3	109.21	15.39	9.85	2.57	71.4	15.42	23.92	13.37	275.55	24.99	6.52	181.19	
10/10/2024 03:50	9.59	5.21	107.63	15.39	10.37	2.81	70.19	15.43	24.18	13.15	271.45	26.33	7.15	178.21	
10/10/2024 03:55	9.47	4.82	107.38	15.38	10.3	2.83	70.03	15.42	23.84	12.14	270.29	26.13	7.18	177.75	
10/10/2024 04:00	10.12	5.03	107.16	15.39	9.96	2.57	71.35	15.42	25.52	12.68	270.22	25.26	6.51	181.01	
10/10/2024 04:05	10.15	5	105.4	15.39	10.45	2.88	70.17	15.42	25.59	12.6	265.68	26.52	7.32	178.13	
10/10/2024 04:10	9.5	4.74	107.15	15.38	10.52	3.02	70.78	15.43	23.91	11.92	269.63	26.7	7.66	179.7	
10/10/2024 04:15	10.03	5.02	107.04	15.37	9.91	2.57	70.45	15.42	25.22	12.62	269.28	25.11	6.51	178.53	
10/10/2024 04:20	10.06	4.91	105.19	15.38	10.46	2.85	69.74	15.43	25.33	12.35	264.73	26.56	7.24	177.08	
10/10/2024 04:25	9.46	4.74	107.22	15.38	10.58	2.81	69.83	15.43	23.81	11.94	269.81	26.89	7.15	177.48	
10/10/2024 04:30	9.76	5.09	107.21	15.38	10.08	2.62	70.92	15.42	24.56	12.81	269.87	25.56	6.65	179.78	
10/10/2024 04:35	9.81	4.99	105.79	15.38	10.29	2.74	69.71	15.43	24.71	12.56	266.33	26.15	6.97	177.16	
10/10/2024 04:40	9.54	4.76	107.3	15.37	10.16	2.75	69.97	15.43	23.99	11.97	269.73	25.81	6.99	177.79	
10/10/2024 04:45	10.1	5.23	108.6	15.38	10	2.46	70.16	15.42	25.44	13.16	273.43	25.36	6.23	177.92	
10/10/2024 04:50	10.07	5.07	106.74	15.38	10.44	2.61	68.29	15.42	25.37	12.77	268.75	26.51	6.62	173.37	
10/10/2024 04:55	9.69	4.74	106.55	15.37	10.22	2.67	68.25	15.42	24.36	11.92	267.84	25.94	6.78	173.22	
10/10/2024 05:00	10.01	5.04	106.73	15.38	10.12	2.46	70.6	15.42	25.22	12.69	268.85	25.67	6.25	179.04	
10/10/2024 05:05	10.12	4.91	104.83	15.38	10.69	2.64	68.41	15.42	25.49	12.37	263.99	27.13	6.7	173.52	
10/10/2024 05:10	9.82	4.66	105.35	15.37	10.81	2.74	68.22	15.42	24.69	11.73	264.93	27.41	6.94	172.95	
10/10/2024 05:15	10.35	4.96	106.19	15.39	10.22	2.44	69.52	15.42	26.1	12.51	267.65	25.91	6.18	176.31	
10/10/2024 05:20	10.38	4.92	105.32	15.38	10.68	2.71	68.54	15.42	26.16	12.41	265.35	27.09	6.87	173.89	
10/10/2024 05:25	9.75	4.62	105.79	15.37	10.89	2.74	68.31	15.42	24.5	11.61	265.92	27.61	6.94	173.19	
10/10/2024 05:30	9.71	4.98	106.74	15.37	10.19	2.37	68.81	15.41	24.41	12.52	268.38	25.79	6	174.21	
10/10/2024 05:35	9.8	4.87	105.05	15.37	10.67	2.74	68.8	15.42	24.66	12.25	264.22	27.07	6.95	174.51	
10/10/2024 05:40	9.74	4.62	106.14	15.37	10.72	2.67	68.64	15.42	24.48	11.61	266.77	27.21	6.78	174.22	
10/10/2024 05:45	9.86	4.96	105.92	15.37	10.16	2.46	70.44	15.41	24.79	12.48	266.2	25.72	6.22	178.35	
10/10/2024 05:50	10.01	4.84	104.28	15.37	10.56	2.61	68.34	15.42	25.17	12.16	262.15	26.8	6.62	173.41	
10/10/2024 05:55	9.7	4.68	106.48	15.37	10.67	2.64	68.14	15.43	24.39	11.76	267.62	27.1	6.71	173.05	
10/10/2024 06:00	10.02	5.06	106.65	15.38	10.19	2.41	69.84	15.42	25.23	12.75	268.56	25.84	6.11	177.06	
10/10/2024 06:05	10.04	4.94	104.87	15.38	10.5	2.64	69.34	15.42	25.26	12.44	263.95	26.64	6.7	175.93	
10/10/2024 06:10	9.69	4.65	105.55	15.36	10.44	2.64	68.95	15.42	24.33	11.67	265.05	26.47	6.7	174.86	
10/10/2024 06:15	10.06	4.9	103.91	15.38	10.41	2.36	68.74	15.42	25.32	12.34	261.51	26.41	5.99	174.32	
10/10/2024 06:20	10.21	4.76	101.97	15.38	10.8	2.5	66.69	15.42	25.69	11.97	256.62	27.41	6.36	169.27	
10/10/2024 06:25	9.95	4.59	103.6	15.38	10.83	2.53	67.08	15.43	25.06	11.55	260.94	27.49	6.43	170.3	
10/10/2024 06:30	10.25	4.88	105.6	15.39	10.28	2.34	69.2	15.42	25.85	12.31	266.27	26.08	5.93	175.61	
10/10/2024 06:35	10.28	4.78	103.84	15.39	10.57	2.62	67.86	15.42	25.92	12.05	261.79	26.84	6.65	172.23	
10/10/2024 06:40	9.66	4.57	104.86	15.37	10.33	2.6	67.8	15.43	24.28	11.48	263.66	26.22	6.59	172.12	
10/10/2024 06:45	10.11	4.75	104.04	15.37	10.05	2.45	70.09	15.41	25.43	11.96	261.64	25.46	6.22	177.51	
10/10/2024 06:50	10.09	4.71	102.22	15.37	10.71	2.68	67.98	15.42	25.37	11.86	257.15	27.16	6.79	172.42	
10/10/2024 06:55	9.66	4.57	105.05	15.37	10.5	2.66	68.39	15.42	24.28	11.49	263.98	26.64	6.74	173.53	
10/10/2024 07:00	9.8	4													







Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/10/2024 16:30	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 16:35	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 16:40	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 16:45	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 16:50	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 16:55	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 17:00	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 17:05	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 17:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 17:15	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 17:20	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10/10/2024 17:25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10/10/2024 17:30	10.65	4.65	103.35	15.37	10.83	2.17	67.53	15.41	26.79	11.68	259.89	27.44	5.5	171.04	
10/10/2024 17:35	10.63	4.63	102.92	15.37	11.09	2.54	66.91	15.42	26.74	11.63	258.75	28.13	6.45	169.76	
10/10/2024 17:40	10.19	4.5	105.13	15.37	10.83	2.52	66.52	15.42	25.61	11.32	264.23	27.46	6.38	168.68	
10/10/2024 17:45	10.37	4.94	106.23	15.38	10.62	2.32	67.05	15.41	26.11	12.43	267.4	26.92	5.88	169.84	
10/10/2024 17:50	10.42	4.86	104.97	15.38	11.26	2.68	66.63	15.41	26.23	12.22	264.17	28.54	6.79	168.85	
10/10/2024 17:55	10.08	4.71	107.28	15.36	11.42	2.7	66.58	15.41	25.3	11.82	269.39	28.93	6.85	168.64	
10/10/2024 18:00	10.39	5.17	108.92	15.37	10.82	2.51	69.52	15.41	26.13	13	274.03	27.4	6.37	176.02	
10/10/2024 18:05	10.46	5.03	106.66	15.38	11.27	2.85	68.73	15.42	26.32	12.66	268.37	28.59	7.24	174.28	
10/10/2024 18:10	10.08	4.88	109.1	15.36	11.3	2.99	69.02	15.42	25.32	12.27	273.98	28.65	7.57	175.02	
10/10/2024 18:15	10.48	5.23	108.65	15.38	10.74	2.67	70.12	15.42	26.38	13.17	273.43	27.23	6.77	177.74	
10/10/2024 18:20	10.45	5.21	106.69	15.38	11.1	2.95	68.65	15.43	26.31	13.11	268.61	28.22	7.5	174.55	
10/10/2024 18:25	9.93	4.91	107.69	15.38	11.14	2.99	68.64	15.43	25.01	12.37	271.31	28.33	7.59	174.56	
10/10/2024 18:30	10.18	5.34	107.37	15.39	10.51	2.66	69.97	15.43	25.7	13.47	270.97	26.71	6.76	177.75	
10/10/2024 18:35	10.27	5.23	105.66	15.39	11.01	2.98	68.36	15.44	25.92	13.2	266.64	28.01	7.59	173.95	
10/10/2024 18:40	9.95	4.9	107.29	15.39	11	3.11	68.05	15.43	25.08	12.35	270.42	27.97	7.91	173.05	
10/10/2024 18:45	10.3	5.3	107.33	15.4	10.42	2.75	70	15.43	26.02	13.38	271.09	26.49	7	177.95	
10/10/2024 18:50	10.38	5.21	105.48	15.4	10.93	2.99	68.84	15.44	26.22	13.15	266.39	27.82	7.6	175.24	
10/10/2024 18:55	9.93	4.99	106.97	15.39	10.92	3.06	69.03	15.44	25.03	12.58	269.71	27.79	7.8	175.66	
10/10/2024 19:00	10.17	5.32	107.42	15.4	10.5	2.81	69.95	15.44	25.7	13.46	271.49	26.74	7.16	178.03	
10/10/2024 19:05	10.18	5.24	106.5	15.4	10.96	3.13	69.16	15.45	25.74	13.25	269.2	27.94	7.98	176.35	
10/10/2024 19:10	9.79	5.04	107.26	15.4	11.08	3.11	68.73	15.45	24.75	12.74	271.09	28.25	7.93	175.25	
10/10/2024 19:15	10.03	5.42	108.33	15.4	10.57	2.81	69.1	15.44	25.36	13.72	274.01	26.92	7.15	176.02	
10/10/2024 19:20	10.07	5.33	105.96	15.4	11.02	3.07	68.22	15.45	25.47	13.48	267.96	28.09	7.83	173.86	
10/10/2024 19:25	9.92	5.03	106.54	15.39	11.36	3.14	67.94	15.44	25.05	12.7	268.98	28.94	8	173.07	
10/10/2024 19:30	10.24	5.33	106.62	15.4	10.63	2.84	69.1	15.44	25.9	13.47	269.55	27.07	7.22	175.93	
10/10/2024 19:35	10.25	5.27	105.11	15.4	11.14	3.05	67.97	15.45	25.93	13.33	265.74	28.41	7.77	173.33	
10/10/2024 19:40	10.05	5.02	105.7	15.4	11.41	3.1	68.16	15.45	25.38	12.69	266.93	29.07	7.89	173.73	
10/10/2024 19:45	10.36	5.35	106.17	15.4	10.57	2.84	69.43	15.44	26.21	13.52	268.55	26.91	7.23	176.77	
10/10/2024 19:50	10.39	5.2	104.39	15.41	10.96	3.07	68.08	15.45	26.29	13.17	264.05	27.94	7.83	173.58	
10/10/2024 19:55	9.97	4.96	105.37	15.4	11.05	3.1	67.94	15.45	25.2	12.52	266.17	28.17	7.89	173.27	
10/10/2024 20:00	10.31	5.27	104.48	15.4	10.61	2.67	67.61	15.44	26.07	13.32	264.19	27.01	6.8	172.15	
10/10/2024 20:05	10.45	5.12	102.78	15.4	11.38	3	66.12	15.44	26.43	12.95	259.85	28.98	7.63	168.4	
10/10/2024 20:10	10.17	4.98	105.48	15.4	11.28	3.06	66.53	15.44	25.69	12.58	266.45	28.74	7.81	169.49	
10/10/2024 20:15	10.59	5.25	104.49	15.4	10.61	2.8	68.67	15.44	26.8	13.29	264.32	27.01	7.13	174.85	
10/10/2024 20:20	10.57	5.14	102.83	15.4	10.94	3.08	68.36	15.45	26.73	13.01	260.02	27.89	7.84	174.27	
10/10/2024 20:25	10.06	5.02	105.68	15.39	10.94	3.17	68.73	15.45	25.39	12.67	266.82	27.88	8.09	175.2	
10/10/2024 20:30	10.72	5.44	106.24	15.4	10.4	2.84	69.68	15.44	27.1	13.75	268.56	26.46	7.23	177.33	
10/10/2024 20:35	10.72	5.33	104.85	15.4	10.83	3.05	68.36	15.44	27.1	13.47	265.1	27.6	7.78	174.18	
10/10/2024 20:40	10.06	4.99	104.96	15.4	10.94	3.14	69.11	15.45	25.41	12.6	265.17	27.88	8.01	176.16	
10/10/2024 20:45	10.28	5.37	104.44	15.4	10.38	2.79	69.48	15.44	26	13.58	264.16	26.45	7.1	176.95	
10/10/2024 20:50	10.26	5.29	102.85	15.4	10.88	3.08	68.79	15.45	25.95	13.38	260.15	27.75	7.86	175.46	
10/10/2024 20:55	10.02	5.07	106.08	15.4	10.88	3.13	68.89	15.45	25.32	12.8	267.94	27.74	7.97	175.7	
10/10/2024 21:00	10.36	5.33	105.31	15.4	10.46	2.86	69.8	15.44	26.17	13.47	266.15	26.64	7.27	177.68	
10/10/2024 21:05	10.4	5.19	103.32	15.4	10.92	3.1	68.71	15.45	26.28	13.12	261.12	27.83	7.9	175.15	
10/10/2024 21:10	9.86	5.08	106.35	15.39	10.95	3.27	69.17	15.45	24.9	12.83	268.53	27.94	8.33	176.42	
10/10/2024 21:15	10.33	5.37	106.7	15.4	10.42	2.84	71.13	15.44	26.11	13.57	269.66	26.53	7.24	181.09	
10/10/2024 21:20	10.36	5.2	104.95	15.4	10.85	3.11	68.39	15.45	26.18	13.15	265.29	27.66	7.92	174.34	
10/10/2024 21:25	10.08	5	105.38	15.4	10.91	3.1	67.97	15.45	25.45	12.63	266.16	27.8	7.89	173.25	
10/10/2024 21:30	10.41	5.29	104.95	15.4	10.62	2.89	69.48	15.44	26.31	13.38	265.36	27.05	7.37	176.99	
10/10/2024 21:35	10.46	5.16	103.48	15.4	10.79	3	68.14	15.45	26.46	13.06	261.62	27.53	7.66	173.83	
10/10/2024 21:40	10.23	4.88	104	15.4	11.09	3.13	67.83	15.45	25.85	12.33	262.79	28.31	7.98	173.09	
10/10/2024 21:45	10.47	5.29	104.05	15.4	10.36	2.69	70	15.45	26.48	13.38	263.18	26.41	6.85	178.41	
10/10/2024 21:50	10.49	5.13	102.24	15.4	10.94	3.13	68.41	15.45	26.53	12.98	258.58	27.91	7.98	174.48	
10/10/2024 21:55	10	4.88	104.7	15.4	11.16	3.3	68.53	15.45	25.24	12.32	264.38	28.45	8.41	174.79	
10/10/2024 22:00	10.12	5.27	105.81	15.41	10.48	2.85	69.71	15.44	25.61	13.34	267.72	26.7	7.27	177.63	
10/10/2024 22:05	10.19	5.08	103.4	15.41	10.94	3.11	68.01	15.45	25.79	12.86	261.62	27.88	7.93	173.37	
10/10/2024 22:10	10.06	4.89	104.66	15.39	10.88	3.16	67.94	15.45	25.4	12.33	264.09	27.71	8.05	173.12	
10/10/2024 22:15	10.66	5.26	104.43	15.4	10.52	2.88	68.97	15.44	26.96	13.29	264.1	26.78	7.33	175.58	
10/10/2024 22:20	10.7	5.18	102.88	15.4	10.92	3.17	68.6	15.45	27.06	13.11	260.19	27.82	8.07	174.84	
10/10/2024 22:25	10.16	4.95	104.28	15.39	11.08	3.2	68.48	15.45	25.63	12.48	263.19	28.24	8.17	174.57	
10/10/2024 22:30	10.64	5.36	105.2	15.4	10.51	2.9	69.45	15.44	26.89	13.54	265.94	26.75	7.37	176.76	
10/10/2024 22:35	10.56	5.24	104.54	15.4	10.85	3.17	68.26	15.45	26.71	13.26	264.29	27.66	8.07	173.97	
10/10/2024 22:40	10.02	4.85	103.9	15.4	10.89	3.19	68.39	15.45	25.3	12.26	262.38	27.77	8.13	174.38	
10/10/2024 22:45	10.24	5.23	103.52	15.4	10.46	2.86	69.19	15.44	25.89	13.21	261.68	26.63	7.29	176.19	
10/1															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/10/2024 00:15	10.43	5.31	105.3	15.4	10.33	2.79	69.2	15.44	26.37	13.41	266.2	26.28	7.11	176.04	
11/10/2024 00:20	10.44	5.16	103.77	15.4	10.88	3.11	68.06	15.44	26.39	13.04	262.25	27.72	7.91	173.37	
11/10/2024 00:25	10.13	4.94	104.18	15.39	10.91	3.03	67.69	15.44	25.55	12.47	262.86	27.77	7.72	172.34	
11/10/2024 00:30	10.79	5.18	102.83	15.4	10.51	2.84	68.8	15.44	27.27	13.08	259.75	26.76	7.24	175.03	
11/10/2024 00:35	10.76	5.07	101.48	15.4	11.01	3.13	67.24	15.45	27.19	12.82	256.4	28.07	7.98	171.4	
11/10/2024 00:40	10.2	4.94	104.46	15.39	10.98	3.19	67.86	15.45	25.76	12.47	263.72	28.02	8.13	173.07	
11/10/2024 00:45	10.47	5.3	105.24	15.4	10.51	2.85	68.84	15.44	26.48	13.4	266.07	26.78	7.27	175.36	
11/10/2024 00:50	10.48	5.16	103.89	15.4	10.89	3.1	67.16	15.45	26.5	13.04	262.59	27.77	7.91	171.32	
11/10/2024 00:55	10.36	4.93	103.75	15.4	10.84	3.2	67.5	15.45	26.18	12.46	262.18	27.67	8.18	172.25	
11/10/2024 01:00	10.69	5.27	104.28	15.41	10.58	2.85	68.25	15.45	27.04	13.33	263.77	26.96	7.26	173.9	
11/10/2024 01:05	10.65	5.13	102.79	15.41	11.01	3.01	66.88	15.46	26.96	12.99	260.13	28.12	7.68	170.84	
11/10/2024 01:10	10.2	5	104.45	15.4	10.75	2.86	66.83	15.46	25.8	12.63	264.15	27.46	7.31	170.74	
11/10/2024 01:15	10.55	5.29	103.73	15.41	10.55	2.73	67.51	15.45	26.68	13.39	262.44	26.89	6.97	172	
11/10/2024 01:20	10.58	5.13	101.62	15.41	11.01	2.99	66.38	15.45	26.77	12.97	257.11	28.1	7.63	169.39	
11/10/2024 01:25	10.34	4.82	102.14	15.4	11.17	3.13	66.13	15.45	26.15	12.2	258.31	28.5	7.98	168.7	
11/10/2024 01:30	10.75	5.14	101.38	15.41	10.83	2.84	67.44	15.45	27.24	13.01	256.8	27.62	7.23	171.96	
11/10/2024 01:35	10.62	5.03	100.42	15.41	10.94	3.08	67.5	15.45	26.91	12.73	254.36	27.93	7.85	172.26	
11/10/2024 01:40	9.99	5.01	105.28	15.4	10.91	3.2	68.75	15.45	25.24	12.65	266.02	27.84	8.18	175.5	
11/10/2024 01:45	10.47	5.32	105.65	15.41	10.44	2.77	68	15.44	26.5	13.46	267.36	26.61	7.05	173.25	
11/10/2024 01:50	10.5	5.19	103.98	15.41	10.94	3.13	67.66	15.45	26.57	13.14	263.07	27.9	7.98	172.49	
11/10/2024 01:55	10.07	4.96	103.72	15.39	11.19	3.17	67.58	15.45	25.41	12.51	261.82	28.53	8.09	172.31	
11/10/2024 02:00	10.65	5.25	104.25	15.4	10.55	2.9	69.31	15.44	26.93	13.27	263.54	26.85	7.38	176.43	
11/10/2024 02:05	10.72	5.14	102.87	15.4	10.85	3.15	68.15	15.45	27.1	13	260.09	27.66	8.03	173.73	
11/10/2024 02:10	10.28	4.96	103.48	15.4	10.89	3.24	67.97	15.45	25.98	12.54	261.51	27.75	8.25	173.2	
11/10/2024 02:15	10.44	5.27	103.32	15.41	10.44	2.8	68.07	15.44	26.4	13.32	261.4	26.59	7.14	173.38	
11/10/2024 02:20	10.46	5.13	101.7	15.41	10.95	3.14	68.25	15.45	26.48	12.98	257.34	27.95	8.02	174.14	
11/10/2024 02:25	10.05	5.02	104.06	15.4	11.14	3.17	68.97	15.45	25.4	12.69	263.02	28.44	8.1	176.05	
11/10/2024 02:30	10.61	5.42	104.41	15.41	10.31	2.79	69.43	15.44	26.85	13.71	264.14	26.27	7.1	176.87	
11/10/2024 02:35	10.64	5.28	102.49	15.41	11.01	3.3	67.94	15.45	26.91	13.36	259.27	28.08	8.42	173.27	
11/10/2024 02:40	10.18	4.97	103.94	15.4	11.19	3.53	67.98	15.45	25.73	12.56	262.81	28.56	9.02	173.54	
11/10/2024 02:45	10.59	5.36	104.12	15.41	10.49	2.92	68.84	15.44	26.81	13.56	263.54	26.73	7.44	175.35	
11/10/2024 02:50	10.62	5.25	102.88	15.41	11	3.14	67.81	15.45	26.87	13.29	260.39	28.06	8.01	172.97	
11/10/2024 02:55	10.23	5.09	104.43	15.41	11.22	3.2	67.8	15.45	25.89	12.87	264.21	28.62	8.18	172.96	
11/10/2024 03:00	10.61	5.37	104.31	15.41	10.5	2.83	68.76	15.45	26.87	13.6	264.31	26.77	7.22	175.32	
11/10/2024 03:05	10.6	5.17	102.18	15.42	11.15	3.09	67.71	15.46	26.86	13.11	258.94	28.47	7.89	172.96	
11/10/2024 03:10	10.21	5.01	104.51	15.4	10.92	3	67.75	15.46	25.81	12.67	264.17	27.89	7.66	172.99	
11/10/2024 03:15	10.43	5.43	104.64	15.4	10.59	2.94	69.95	15.45	26.37	13.74	264.63	27	7.49	178.3	
11/10/2024 03:20	10.46	5.32	102.82	15.4	10.81	3.15	68	15.45	26.45	13.45	259.99	27.56	8.04	173.3	
11/10/2024 03:25	10.2	4.97	103.98	15.4	10.97	3.3	67.39	15.45	25.77	12.56	262.63	27.96	8.41	171.78	
11/10/2024 03:30	10.53	5.21	102.62	15.4	10.58	2.99	68.83	15.44	26.6	13.16	259.29	26.95	7.61	175.29	
11/10/2024 03:35	10.49	5.13	101.7	15.4	10.96	3.17	67.57	15.45	26.49	12.97	256.95	27.94	8.07	172.18	
11/10/2024 03:40	10.09	4.99	104.6	15.4	10.91	3.28	67.36	15.44	25.49	12.61	264.17	27.78	8.36	171.6	
11/10/2024 03:45	10.72	5.32	104	15.4	10.54	2.94	69.09	15.44	27.11	13.45	263.05	26.84	7.48	175.81	
11/10/2024 03:50	10.75	5.22	102.57	15.4	11.13	3.22	68.35	15.45	27.2	13.2	259.39	28.38	8.22	174.31	
11/10/2024 03:55	10.24	5.01	103.1	15.39	11.39	3.24	68.64	15.45	25.87	12.66	260.32	29.05	8.25	175.07	
11/10/2024 04:00	10.82	5.25	102.29	15.4	10.69	2.93	68.86	15.44	27.36	13.29	258.72	27.22	7.46	175.36	
11/10/2024 04:05	10.8	5.17	100.95	15.4	10.98	3.28	68.73	15.45	27.31	13.07	255.35	28.02	8.37	175.36	
11/10/2024 04:10	9.99	5.13	106.04	15.4	11.03	3.22	68.5	15.45	25.22	12.95	267.8	28.13	8.21	174.71	
11/10/2024 04:15	10.12	5.59	107.97	15.41	10.26	2.87	70.52	15.44	25.6	14.14	273.14	26.14	7.3	179.59	
11/10/2024 04:20	10.17	5.42	106.2	15.41	10.92	3.26	69.14	15.45	25.73	13.71	268.66	27.85	8.3	176.3	
11/10/2024 04:25	10.06	4.93	103.47	15.4	11.03	3.27	68.78	15.45	25.42	12.47	261.4	28.12	8.33	175.32	
11/10/2024 04:30	10.55	5.36	103.88	15.4	10.6	3.05	69.97	15.44	26.67	13.55	262.64	26.99	7.76	178.12	
11/10/2024 04:35	10.5	5.29	102.12	15.4	10.74	3.13	68.84	15.45	26.55	13.38	258.21	27.39	7.99	175.46	
11/10/2024 04:40	10.1	5.05	104.4	15.4	10.75	3.19	69.48	15.45	25.52	12.76	263.81	27.42	8.13	177.22	
11/10/2024 04:45	10.45	5.36	105.31	15.41	10.42	2.87	69.02	15.45	26.45	13.58	266.54	26.57	7.32	175.87	
11/10/2024 04:50	10.43	5.24	104.14	15.41	10.99	3.19	68.22	15.45	26.4	13.27	263.47	28.02	8.14	173.97	
11/10/2024 04:55	10.1	5.07	104.5	15.39	11.06	3.27	68.02	15.45	25.49	12.79	263.78	28.2	8.33	173.37	
11/10/2024 05:00	10.6	5.49	105.79	15.4	10.47	2.9	69.67	15.44	26.8	13.88	267.36	26.63	7.39	177.24	
11/10/2024 05:05	10.52	5.35	104.54	15.4	10.92	3.21	68.35	15.44	26.59	13.52	264.19	27.8	8.18	174.08	
11/10/2024 05:10	10.01	5.06	105.66	15.39	10.72	3.31	68.8	15.44	25.29	12.77	266.76	27.29	8.44	175.16	
11/10/2024 05:15	10.59	5.54	106.25	15.41	10.23	2.86	69.99	15.44	26.8	14.02	268.85	26.06	7.29	178.21	
11/10/2024 05:20	10.62	5.45	104.3	15.41	10.81	3.17	69.22	15.45	26.88	13.79	264	27.58	8.08	176.67	
11/10/2024 05:25	10.28	5.09	105.01	15.4	10.72	3.14	69.05	15.46	25.99	12.87	265.38	27.37	8.02	176.3	
11/10/2024 05:30	10.66	5.47	105.1	15.4	10.41	2.87	69.9	15.44	26.94	13.82	265.73	26.51	7.31	178.06	
11/10/2024 05:35	10.67	5.33	103.34	15.4	10.9	3.21	68.92	15.45	26.98	13.47	261.29	27.81	8.19	175.79	
11/10/2024 05:40	10.16	5.03	104.86	15.4	10.72	3.17	69.05	15.45	25.64	12.71	264.79	27.35	8.1	176.15	
11/10/2024 05:45	10.43	5.36	105.41	15.4	10.33	2.81	70.5	15.44	26.35	13.54	266.27	26.3	7.15	179.39	
11/10/2024 05:50	10.47	5.26	104.16	15.4	11.17	3.25	69.2	15.44	26.43	13.28	263.07	28.44	8.27	176.26	
11/10/2024 05:55	10.24	5.07	105.06	15.39	11.23	3.38	69.92	15.45	25.86	12.79	265.18	28.64	8.61	178.23	
11/10/2024 06:00	10.67	5.46	104.9	15.4	10.6	2.93	69.9	15.44	26.97	13.8	265.29	26.98	7.47	177.89	
11/10/2024 06:05	10.72	5.32	102.99	15.4	10.98	3.22	69.16	15.44	27.11	13.45	260.39	27.98	8.22	176.21	
11/10/2024 06:10	10.25	5.16	104.98	15.39	11.22	3.33	69.28	15.44	25.86	13.03	264.95	28.56	8.48	176.4	
11/10/2024 06:15	10.61	5.43</													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/10/2024 08:00	10.75	5.36	104.23	15.41	10.43	2.78	68.64	15.48	27.22	13.56	263.81	26.78	7.14	176.12	
11/10/2024 08:05	10.75	5.2	102.83	15.41	10.87	2.97	67.14	15.5	27.21	13.17	260.3	27.97	7.65	172.81	
11/10/2024 08:10	10.3	5	104.51	15.4	10.8	2.86	66.63	15.49	26.02	12.63	264.04	27.74	7.35	171.15	
11/10/2024 08:15	10.67	5.3	104.14	15.4	10.62	2.78	68.54	15.48	26.99	13.39	263.41	27.22	7.13	175.67	
11/10/2024 08:20	10.72	5.14	101.92	15.41	11.1	3	67.08	15.5	27.13	13	257.82	28.57	7.73	172.56	
11/10/2024 08:25	10.26	4.8	103.31	15.4	11.38	3.06	66.86	15.49	25.93	12.13	261.12	29.24	7.88	171.85	
11/10/2024 08:30	10.76	5.11	102.63	15.4	10.88	2.69	67.28	15.48	27.21	12.93	259.44	27.89	6.9	172.35	
11/10/2024 08:35	10.74	5.03	101.28	15.4	11.04	2.83	66.75	15.5	27.17	12.71	256.13	28.4	7.27	171.72	
11/10/2024 08:40	10.48	4.9	104.44	15.4	10.94	2.81	67.17	15.49	26.49	12.37	263.89	28.12	7.23	172.71	
11/10/2024 08:45	10.76	5.26	105.06	15.4	10.56	2.65	68.7	15.48	27.22	13.31	265.74	27.07	6.79	176.1	
11/10/2024 08:50	10.67	5.13	104.04	15.41	10.97	2.96	67.12	15.5	26.99	12.96	263.2	28.24	7.61	172.72	
11/10/2024 08:55	10.22	4.85	103.84	15.4	10.63	2.7	66.64	15.49	25.8	12.25	262.22	27.31	6.95	171.29	
11/10/2024 09:00	10.65	5.23	104.89	15.4	10.57	2.76	69.43	15.47	26.91	13.22	264.92	27.06	7.06	177.62	
11/10/2024 09:05	10.73	5.09	103.39	15.4	11.04	2.83	67.01	15.49	27.11	12.87	261.24	28.36	7.27	172.15	
11/10/2024 09:10	10.35	4.81	103.89	15.4	10.86	2.66	67.08	15.49	26.16	12.18	262.69	27.9	6.83	172.32	
11/10/2024 09:15	10.48	4.94	103.55	15.42	10.6	2.56	69.29	15.49	26.58	12.53	262.59	27.25	6.58	177.99	
11/10/2024 09:20	10.53	4.85	102.31	15.42	10.97	2.77	67.8	15.52	26.7	12.31	259.5	28.36	7.16	175.31	
11/10/2024 09:25	10.41	4.63	103.8	15.42	10.7	2.74	67.75	15.52	26.38	11.75	263.08	27.66	7.07	175.1	
11/10/2024 09:30	10.85	4.76	102.8	15.42	10.71	2.56	68.3	15.5	27.52	12.06	260.64	27.58	6.6	175.77	
11/10/2024 09:35	11.11	4.81	102.3	15.42	11.4	2.95	67.97	15.52	28.16	12.2	259.41	29.45	7.63	175.57	
11/10/2024 09:40	10.58	4.7	104.41	15.39	12.13	3.44	68.13	15.52	26.7	11.87	263.59	31.32	8.88	175.97	
11/10/2024 09:45	11.01	4.99	104.89	15.4	11.32	2.88	70.1	15.49	27.82	12.61	265.18	29.12	7.4	180.23	
11/10/2024 09:50	11.01	4.96	103.17	15.4	11.1	2.71	67.34	15.51	27.84	12.53	260.84	28.62	6.98	173.58	
11/10/2024 09:55	10.5	4.7	104.26	15.39	11.61	3.2	66.73	15.51	26.5	11.85	263.11	29.94	8.26	172.08	
11/10/2024 10:00	11.05	4.97	104.14	15.4	11.26	2.73	68.15	15.48	27.91	12.55	263.06	28.9	7	174.83	
11/10/2024 10:05	11.06	4.84	102.5	15.4	11.05	2.46	67.22	15.5	27.96	12.23	258.96	28.43	6.34	172.98	
11/10/2024 10:10	10.63	4.57	103.79	15.39	10.84	2.49	68.02	15.49	26.81	11.54	261.77	27.87	6.39	174.82	
11/10/2024 10:15	10.94	4.75	103.8	15.39	11.26	2.48	66.88	15.47	27.6	11.98	261.86	28.85	6.35	171.27	
11/10/2024 10:20	11.02	4.61	101.75	15.39	11.51	2.51	65.77	15.49	27.82	11.62	256.71	29.56	6.46	168.97	
11/10/2024 10:25	10.89	4.49	102.64	15.39	11.92	2.61	65.95	15.49	27.45	11.31	258.77	30.65	6.71	169.57	
11/10/2024 10:30	10.92	4.84	103.94	15.4	11.43	2.51	67.9	15.47	27.58	12.22	262.53	29.29	6.42	173.86	
11/10/2024 10:35	10.88	4.74	102.57	15.4	11.33	2.48	66.95	15.49	27.51	11.97	259.18	29.14	6.38	172.13	
11/10/2024 10:40	10.83	4.43	102.74	15.39	11.72	2.67	67.66	15.49	27.29	11.17	258.98	30.13	6.87	173.95	
11/10/2024 10:45	11.24	4.77	105.04	15.39	11.45	2.53	68.89	15.47	28.35	12.03	264.97	29.33	6.48	176.34	
11/10/2024 10:50	11.3	4.69	103.23	15.39	11.56	2.56	66.42	15.49	28.54	11.84	260.57	29.72	6.59	170.8	
11/10/2024 10:55	10.8	4.38	102.54	15.38	12.11	2.94	65.94	15.49	27.17	11.03	258	31.13	7.56	169.53	
11/10/2024 11:00	11.02	4.75	103.05	15.38	11.76	2.76	67.43	15.47	27.73	11.95	259.47	30.07	7.05	172.46	
11/10/2024 11:05	11.13	4.67	101.74	15.38	11.33	2.35	66.66	15.48	28.06	11.78	256.35	29.05	6.02	170.91	
11/10/2024 11:10	10.83	4.29	101.78	15.38	12.03	2.75	66.66	15.48	27.26	10.79	256.19	30.86	7.06	170.98	
11/10/2024 11:15	11.06	4.58	102.71	15.39	11.51	2.48	67.95	15.46	27.9	11.55	259.19	29.45	6.33	173.7	
11/10/2024 11:20	11.02	4.49	101.02	15.39	11.41	2.17	66.39	15.48	27.81	11.34	255.02	29.27	5.57	170.3	
11/10/2024 11:25	10.91	4.34	102.62	15.38	11.17	2.08	66.08	15.48	27.49	10.94	258.59	28.65	5.33	169.45	
11/10/2024 11:30	11.25	4.8	104.94	15.39	11.11	2.14	67.34	15.46	28.39	12.11	264.8	28.38	5.46	172.07	
11/10/2024 11:35	11.15	4.72	103.15	15.39	11.26	2.26	66.8	15.48	28.13	11.9	260.3	28.89	5.81	171.33	
11/10/2024 11:40	10.78	4.37	102.96	15.39	11.14	2.19	66.89	15.48	27.19	11.01	259.7	28.58	5.61	171.59	
11/10/2024 11:45	10.87	4.67	104.17	15.4	11.26	2.42	69.1	15.47	27.45	11.8	263.12	28.79	6.19	176.67	
11/10/2024 11:50	10.9	4.58	103.29	15.4	11.28	2.28	67.21	15.49	27.56	11.57	261.07	29	5.87	172.82	
11/10/2024 11:55	10.67	4.39	103.2	15.4	11.5	2.11	65.77	15.5	26.98	11.1	260.94	29.6	5.43	169.29	
11/10/2024 12:00	11.21	4.64	103.68	15.4	11.14	2.03	67.99	15.47	28.35	11.74	262.15	28.52	5.2	174.13	
11/10/2024 12:05	11.23	4.57	102.17	15.41	11.07	2.15	66.68	15.47	28.4	11.56	258.43	28.33	5.5	170.7	
11/10/2024 12:10	10.79	4.36	103.12	15.4	11.36	2.58	66.97	15.48	27.28	11.03	260.71	29.11	6.61	171.64	
11/10/2024 12:15	10.89	4.6	103.68	15.41	11.24	2.33	68.08	15.47	27.58	11.66	262.53	28.74	5.97	174.1	
11/10/2024 12:20	10.94	4.52	102.32	15.41	11.64	2.55	66.83	15.48	27.71	11.44	259.2	29.87	6.53	171.44	
11/10/2024 12:25	10.62	4.31	103.38	15.41	12	2.56	66.69	15.48	26.9	10.91	261.8	30.77	6.57	171.02	
11/10/2024 12:30	11	4.72	103.75	15.42	11.54	2.48	68.71	15.47	27.89	11.98	263.1	29.55	6.34	175.95	
11/10/2024 12:35	11.06	4.64	102.6	15.42	11.35	2.25	66.72	15.48	28.05	11.77	260.3	29.1	5.77	171.11	
11/10/2024 12:40	10.75	4.3	103.87	15.41	10.75	1.95	66.23	15.48	27.24	10.89	263.19	27.56	5.01	169.8	
11/10/2024 12:45	10.84	4.6	103.19	15.42	11.19	2.22	67.95	15.47	27.47	11.66	261.55	28.64	5.69	173.86	
11/10/2024 12:50	10.74	4.43	101.99	15.42	11.5	2.37	67.42	15.47	27.24	11.23	258.47	29.43	6.08	172.59	
11/10/2024 12:55	10.67	4.27	103.77	15.41	10.97	2.03	68	15.47	27.05	10.81	262.96	28.07	5.2	174.03	
11/10/2024 13:00	11	4.69	104.73	15.42	11.39	2.31	68.99	15.46	27.91	11.89	265.61	29.12	5.91	176.4	
11/10/2024 13:05	11.07	4.61	103.82	15.42	11.6	2.29	66.9	15.46	28.06	11.69	263.2	29.66	5.86	171.08	
11/10/2024 13:10	10.62	4.21	103.7	15.41	11.73	2.31	66.47	15.46	26.9	10.65	262.55	29.99	5.91	169.87	
11/10/2024 13:15	11.12	4.66	102.54	15.42	11.35	2.17	68.57	15.46	28.2	11.81	260.07	29.01	5.53	175.18	
11/10/2024 13:20	11.17	4.6	101.45	15.42	11.36	2.2	67.17	15.47	28.34	11.66	257.4	29.07	5.63	171.88	
11/10/2024 13:25	10.56	4.25	103.48	15.42	11.75	2.39	67.02	15.47	26.78	10.78	262.46	30.06	6.12	171.46	
11/10/2024 13:30	11.01	4.71	103.76	15.43	11.24	2.17	67.8	15.47	27.99	11.96	263.71	28.77	5.56	173.55	
11/10/2024 13:35	11.01	4.61	102.39	15.43	11.08	2.23	66.82	15.48	27.99	11.72	260.33	28.42	5.72	171.44	
11/10/2024 13:40	10.53	4.24	102.69	15.43	11.13	2.34	67.05	15.48	26.76	10.78	260.85	28.55	6.02	172.04	
11/10/2024 13:45	10.86	4.63	102.1	15.43	11.05	2.12	67.28	15.47	27.61	11.78	259.59	28.31	5.43	172.32	
11/10/2024 13:50	10.89	4.57	101.23	15.43	11.31	2.12	65.91	15.48	27.69	11.61	257.35	28.99	5.44	168.99	
11/10/2024 13:55	10.38	4.37	105.86	15.43	11.33	2.13	65.98	15.48	26.37	11.09	268.78	29.04	5.45	169.16	
11/10/2024 14:00															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/10/2024 15:45	10.83	4.59	103.85	15.43	11.07	2.15	67.65	15.47	27.51	11.67	263.91	28.35	5.5	173.19	
11/10/2024 15:50	10.85	4.52	102.66	15.43	11.37	2.2	66.89	15.47	27.57	11.49	260.79	29.1	5.63	171.19	
11/10/2024 15:55	10.55	4.17	102.84	15.41	11.5	2.27	67.34	15.47	26.72	10.57	260.53	29.44	5.8	172.4	
11/10/2024 16:00	10.86	4.59	103.91	15.42	11.05	2.22	68.99	15.46	27.55	11.64	263.58	28.24	5.67	176.34	
11/10/2024 16:05	10.87	4.46	102.46	15.42	10.84	2.22	68.76	15.47	27.58	11.32	259.96	27.74	5.67	175.95	
11/10/2024 16:10	10.54	4.22	103.55	15.41	10.83	2.34	69.27	15.47	26.67	10.67	262.14	27.71	6	177.27	
11/10/2024 16:15	11.07	4.58	104.54	15.42	10.66	2.34	70.52	15.46	28.06	11.61	264.99	27.27	5.99	180.32	
11/10/2024 16:20	11	4.45	103.21	15.42	10.67	2	67.94	15.46	27.89	11.27	261.57	27.29	5.1	173.69	
11/10/2024 16:25	10.57	4.24	104.39	15.41	10.5	1.78	67.31	15.46	26.76	10.73	264.4	26.83	4.55	172.02	
11/10/2024 16:30	10.88	4.58	104.84	15.42	11.19	2.28	67.75	15.46	27.58	11.62	265.84	28.58	5.82	173	
11/10/2024 16:35	10.96	4.49	103.1	15.42	10.97	2.26	67.66	15.46	27.78	11.38	261.33	28.02	5.78	172.82	
11/10/2024 16:40	10.64	4.19	103.06	15.4	11.45	2.61	67.03	15.46	26.87	10.58	260.32	29.25	6.67	171.21	
11/10/2024 16:45	11.1	4.65	103.77	15.4	10.68	2.3	69.83	15.45	28.06	11.75	262.31	27.25	5.86	178.05	
11/10/2024 16:50	11.15	4.48	101.41	15.39	10.52	2.11	69.06	15.45	28.15	11.3	255.93	26.84	5.37	176.23	
11/10/2024 16:55	12.18	3.47	92.48	15.35	10.44	2.42	70	15.46	30.51	8.69	231.67	26.66	6.19	178.79	
11/10/2024 17:00	12.76	3.73	91.57	15.35	11.14	2.17	68.12	15.44	31.99	9.36	229.48	28.35	5.53	173.38	
11/10/2024 17:05	12.57	3.64	90.58	15.35	11.37	2.05	66.57	15.44	31.5	9.11	227.02	28.95	5.22	169.53	
11/10/2024 17:10	12.61	3.42	91.67	15.34	11.13	1.89	67.16	15.44	31.53	8.56	229.26	28.33	4.82	170.99	
11/10/2024 17:15	12.98	3.64	91.63	15.35	11.38	1.99	66.76	15.43	32.49	9.12	229.41	28.91	5.05	169.62	
11/10/2024 17:20	12.79	3.84	92.6	15.36	11.51	2.18	65.28	15.43	32.06	9.63	232.23	29.26	5.55	166	
11/10/2024 17:25	10.78	4.35	104.68	15.38	11.64	2.45	65.67	15.44	27.12	10.96	263.47	29.61	6.24	167.06	
11/10/2024 17:30	11.05	4.82	106.95	15.39	11.53	2.36	66.81	15.41	27.87	12.17	269.7	29.22	5.98	169.19	
11/10/2024 17:35	10.98	4.71	105.59	15.39	11.15	1.93	65.62	15.4	27.68	11.87	266.18	28.19	4.89	165.91	
11/10/2024 17:40	10.24	4.43	107.26	15.37	11.22	1.89	65.45	15.4	25.76	11.15	269.83	28.36	4.78	165.46	
11/10/2024 17:45	10.81	4.79	105.77	15.39	11.49	2.2	66.34	15.39	27.25	12.07	266.63	29.01	5.55	167.5	
11/10/2024 17:50	10.94	4.68	103.73	15.39	11.5	1.98	63.05	15.39	27.56	11.8	261.46	29.03	5	159.19	
11/10/2024 17:55	10.5	4.52	105.79	15.38	11.53	2.03	63.73	15.4	26.44	11.38	266.43	29.13	5.13	160.98	
11/10/2024 18:00	10.71	4.67	105.88	15.39	11.07	2.17	68.01	15.42	27.03	11.8	267.2	28.09	5.51	172.55	
11/10/2024 18:05	10.8	4.61	104.21	15.39	11.32	2.59	68.33	15.43	27.26	11.63	262.9	28.78	6.59	173.78	
11/10/2024 18:10	10.37	4.56	106.19	15.37	11.8	2.91	68.34	15.44	26.08	11.46	267.04	30.01	7.4	173.86	
11/10/2024 18:15	10.81	4.93	106.98	15.38	11.27	2.84	70.93	15.43	27.23	12.43	269.47	28.65	7.22	180.21	
11/10/2024 18:20	10.82	4.85	105.98	15.38	10.97	2.48	69.75	15.43	27.27	12.22	267.01	27.88	6.31	177.32	
11/10/2024 18:25	10.35	4.54	106.69	15.37	11.34	2.77	70.73	15.44	26	11.41	268	28.86	7.04	179.94	
11/10/2024 18:30	10.69	4.86	106.97	15.37	11.29	2.75	71.64	15.42	26.89	12.23	269.03	28.64	6.97	181.74	
11/10/2024 18:35	10.66	4.7	105.3	15.38	11.09	2.55	69.75	15.43	26.83	11.81	264.9	28.15	6.48	177.14	
11/10/2024 18:40	10.28	4.49	106.99	15.37	10.75	2.42	70.03	15.43	25.85	11.29	269.06	27.29	6.15	177.8	
11/10/2024 18:45	10.83	4.86	106.92	15.38	11.14	2.61	70.75	15.43	27.27	12.25	269.25	28.3	6.62	179.64	
11/10/2024 18:50	11	4.86	105.12	15.38	11.45	2.72	68.98	15.44	27.7	12.25	264.75	29.12	6.92	175.47	
11/10/2024 18:55	10.62	4.44	105.68	15.37	11.75	3.17	68.67	15.44	26.72	11.17	265.81	29.91	8.08	174.79	
11/10/2024 19:00	10.82	4.95	107.48	15.38	11.02	2.51	70.79	15.43	27.26	12.46	270.69	27.98	6.38	179.77	
11/10/2024 19:05	10.82	4.94	106.43	15.38	11.42	2.83	70.76	15.44	27.27	12.46	268.15	29.06	7.22	180.13	
11/10/2024 19:10	10.34	4.65	108.15	15.38	11.97	3.06	70.83	15.44	26.02	11.71	272.27	30.49	7.81	180.44	
11/10/2024 19:15	10.67	4.95	107.25	15.38	11.37	2.83	70.53	15.44	26.89	12.46	270.3	28.92	7.19	179.37	
11/10/2024 19:20	10.73	4.79	104.94	15.39	11.29	2.55	68.4	15.44	27.06	12.08	264.5	28.72	6.48	174.07	
11/10/2024 19:25	10.52	4.65	106.73	15.37	11.22	2.64	68.55	15.44	26.44	11.69	268.36	28.54	6.72	174.38	
11/10/2024 19:30	10.77	5.03	107.53	15.38	11.31	2.73	70.17	15.43	27.11	12.66	270.59	28.72	6.93	178.22	
11/10/2024 19:35	10.79	4.94	106.06	15.38	11.08	2.43	69.72	15.43	27.15	12.44	267	28.17	6.18	177.27	
11/10/2024 19:40	10.39	4.57	106.92	15.37	11.31	2.52	69.5	15.43	26.15	11.5	268.98	28.76	6.4	176.7	
11/10/2024 19:45	11.03	5.03	107.14	15.38	10.82	2.41	72.3	15.43	27.81	12.68	270	27.46	6.11	183.58	
11/10/2024 19:50	11.09	4.99	105.45	15.38	11.13	2.59	69.18	15.43	27.96	12.56	265.7	28.27	6.57	175.73	
11/10/2024 19:55	10.44	4.67	106.8	15.37	11.59	2.85	69.25	15.43	26.27	11.74	268.69	29.48	7.23	176.06	
11/10/2024 20:00	10.89	4.98	107.54	15.38	11.13	2.55	69.65	15.43	27.44	12.55	271.03	28.27	6.48	176.84	
11/10/2024 20:05	10.97	4.85	105.55	15.39	11.23	2.57	68.73	15.43	27.66	12.22	265.99	28.56	6.54	174.7	
11/10/2024 20:10	10.48	4.56	106.3	15.37	11.25	2.63	68.16	15.43	26.34	11.47	267.3	28.59	6.68	173.23	
11/10/2024 20:15	10.9	4.92	106.62	15.38	10.92	2.29	69.96	15.42	27.44	12.38	268.32	27.71	5.81	177.46	
11/10/2024 20:20	11.1	4.93	104.78	15.38	11.5	2.72	68.82	15.44	27.95	12.41	263.85	29.26	6.91	175.12	
11/10/2024 20:25	10.48	4.62	106.48	15.37	11.91	2.92	68.98	15.44	26.36	11.63	267.84	30.33	7.45	175.74	
11/10/2024 20:30	11.11	5.05	107.53	15.38	11.24	2.54	71.15	15.43	27.97	12.72	270.78	28.54	6.46	180.67	
11/10/2024 20:35	11.16	5.01	105.74	15.38	11.49	2.81	69.46	15.43	28.11	12.62	266.28	29.17	7.13	176.4	
11/10/2024 20:40	10.58	4.74	106.51	15.36	12.39	2.92	69.33	15.43	26.57	11.91	267.4	31.47	7.42	176.06	
11/10/2024 20:45	10.92	5.1	107.06	15.38	11.25	2.51	70.67	15.41	27.48	12.84	269.38	28.51	6.35	179.07	
11/10/2024 20:50	11.03	5.05	105.19	15.38	11.37	2.85	70.12	15.43	27.76	12.71	264.8	28.9	7.25	178.16	
11/10/2024 20:55	10.45	4.66	105.74	15.37	11.33	2.99	71.02	15.44	26.27	11.71	265.79	28.82	7.6	180.66	
11/10/2024 21:00	11.24	5.07	105.06	15.38	11.38	2.73	70	15.43	28.31	12.76	264.55	28.91	6.93	177.84	
11/10/2024 21:05	11.34	4.99	103.53	15.38	11.71	2.64	66.58	15.44	28.55	12.55	260.7	29.8	6.72	169.47	
11/10/2024 21:10	10.86	4.56	104.18	15.37	11.75	2.74	66.19	15.44	27.31	11.47	261.99	29.91	6.96	168.47	
11/10/2024 21:15	11.05	5.21	106.22	15.38	11.49	2.62	69	15.42	27.82	13.11	267.38	29.15	6.64	175.04	
11/10/2024 21:20	11.06	5.14	105.49	15.38	11.42	2.77	68.33	15.43	27.85	12.93	265.52	29	7.04	173.49	
11/10/2024 21:25	10.76	4.76	106.03	15.37	11.31	2.55	67.75	15.42	27.05	11.97	266.63	28.7	6.46	171.86	
11/10/2024 21:30	11	5.15	107.59	15.38	11.29	2.7	69.47	15.42	27.7	12.96	270.76	28.65	6.86	176.26	
11/10/2024 21:35	11.07	5.05	106.14	15.38	11.34	2.69	68.46	15.43	27.88	12.72	267.19	28.83	6.84	174.1	
11/10/2024 21:40	10.67	4.83	106.59	15.38	11.48	2.74	68.5	15.43	26.84	12.16	268.17	29.21	6.96	174.21	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/10/2024 23:30	10.95	5.19	105.72	15.39	11.14	2.82	70.76	15.43	27.6	13.09	266.54	28.33	7.16	179.82	
11/10/2024 23:35	10.9	5.03	103.8	15.39	11.29	2.86	68.63	15.44	27.5	12.69	261.75	28.74	7.28	174.77	
11/10/2024 23:40	10.52	4.85	105.98	15.38	11.05	2.5	68.36	15.44	26.47	12.2	266.69	28.12	6.37	174	
11/10/2024 23:45	10.72	5.16	104.86	15.38	10.92	2.63	69.76	15.43	26.98	12.98	263.92	27.74	6.67	177.15	
11/10/2024 23:50	10.81	5.12	103.63	15.38	11.25	2.81	68.19	15.44	27.21	12.88	260.85	28.62	7.14	173.47	
11/10/2024 23:55	10.65	4.94	106.01	15.38	11.42	3	68.2	15.44	26.82	12.45	266.87	29.06	7.64	173.5	
12/10/2024 00:00	11.27	5.25	105.77	15.39	10.97	2.67	69.34	15.43	28.4	13.22	266.58	27.87	6.78	176.11	
12/10/2024 00:05	11.38	5.21	104.39	15.39	11.7	3.13	68.2	15.43	28.7	13.14	263.12	29.74	7.95	173.41	
12/10/2024 00:10	10.62	4.86	106.03	15.37	12	3.44	68.23	15.44	26.71	12.23	266.69	30.53	8.75	173.58	
12/10/2024 00:15	11.09	5.35	107.04	15.39	11.26	2.86	69.32	15.43	27.98	13.5	269.95	28.62	7.27	176.15	
12/10/2024 00:20	11.21	5.31	105.65	15.39	11.61	3.07	68.96	15.45	28.28	13.39	266.52	29.61	7.82	175.8	
12/10/2024 00:25	10.58	4.99	105.97	15.38	11.72	3.14	69.31	15.45	26.65	12.56	266.93	29.89	8.01	176.78	
12/10/2024 00:30	11.2	5.21	107.01	15.39	11.21	2.91	70.68	15.44	28.26	13.15	269.88	28.53	7.4	179.82	
12/10/2024 00:35	11.3	5.17	105.81	15.39	11.4	3.11	69.53	15.44	28.49	13.02	266.76	29.01	7.93	176.98	
12/10/2024 00:40	10.59	4.92	106.14	15.37	11.39	3.14	69.63	15.44	26.64	12.39	267.03	29	8	177.27	
12/10/2024 00:45	11.02	5.22	105.86	15.39	11.22	2.94	69.73	15.43	27.79	13.17	266.89	28.53	7.46	177.28	
12/10/2024 00:50	11.12	5.11	104.24	15.39	11.46	3.02	68.8	15.44	28.06	12.88	262.89	29.16	7.69	175.13	
12/10/2024 00:55	10.68	4.98	105.3	15.37	11.47	3.06	69.55	15.44	26.87	12.52	264.83	29.2	7.8	177.07	
12/10/2024 01:00	10.92	5.29	106.31	15.38	11.19	2.91	70.01	15.42	27.48	13.3	267.49	28.4	7.38	177.7	
12/10/2024 01:05	10.98	5.22	105.03	15.38	11.29	2.99	68.41	15.43	27.64	13.13	264.29	28.68	7.59	173.82	
12/10/2024 01:10	10.65	4.93	105.98	15.37	11.53	3.13	68.31	15.43	26.8	12.41	266.57	29.3	7.94	173.58	
12/10/2024 01:15	11.4	5.31	105.96	15.38	11.14	2.92	69.92	15.43	28.7	13.37	266.81	28.29	7.42	177.49	
12/10/2024 01:20	11.47	5.21	104.66	15.38	11.44	3.01	68.99	15.44	28.9	13.12	263.63	29.12	7.66	175.57	
12/10/2024 01:25	10.72	5.07	106.82	15.38	11.42	2.99	68.89	15.44	27	12.78	268.98	29.06	7.6	175.25	
12/10/2024 01:30	10.88	5.34	107.22	15.39	11.14	2.85	69.9	15.43	27.45	13.48	270.46	28.33	7.25	177.77	
12/10/2024 01:35	11	5.21	105.34	15.39	11.45	3.11	69.11	15.45	27.76	13.16	265.78	29.17	7.93	176.11	
12/10/2024 01:40	10.69	5.04	106.07	15.38	11.7	3.19	69.33	15.44	26.94	12.7	267.23	29.81	8.12	176.62	
12/10/2024 01:45	10.81	5.45	107.97	15.39	11.17	2.96	70.66	15.44	27.28	13.76	272.53	28.43	7.54	179.82	
12/10/2024 01:50	10.85	5.39	106.25	15.39	11.43	3.05	69.06	15.44	27.38	13.59	268.12	29.11	7.76	175.84	
12/10/2024 01:55	10.6	5.09	107.44	15.38	11.56	3.33	69.89	15.44	26.67	12.81	270.37	29.45	8.48	178	
12/10/2024 02:00	10.94	5.33	107.28	15.38	11.07	2.89	70.16	15.43	27.53	13.4	270.02	28.12	7.35	178.2	
12/10/2024 02:05	11	5.28	105.19	15.38	11.44	3.13	69.25	15.43	27.68	13.29	264.73	29.09	7.96	176.05	
12/10/2024 02:10	10.63	5.06	106.82	15.37	11.47	3.2	69.31	15.43	26.73	12.74	268.67	29.16	8.15	176.22	
12/10/2024 02:15	11.06	5.54	107.82	15.39	11.11	2.89	69.92	15.43	27.88	13.96	271.82	28.23	7.34	177.56	
12/10/2024 02:20	11.11	5.5	106.4	15.39	11.33	3.09	69.88	15.44	28.01	13.88	268.27	28.81	7.85	177.74	
12/10/2024 02:25	10.56	5.18	107.87	15.38	11.42	3.14	69.83	15.43	26.59	13.03	271.53	29.04	7.99	177.53	
12/10/2024 02:30	10.62	5.37	107.56	15.38	10.82	2.92	71.33	15.43	26.76	13.53	270.91	27.47	7.42	181.13	
12/10/2024 02:35	10.62	5.32	106.25	15.38	11.3	3.17	69.8	15.44	26.77	13.4	267.71	28.77	8.06	177.67	
12/10/2024 02:40	10.61	5.07	107.41	15.38	11.64	3.22	69.84	15.44	26.7	12.75	270.29	29.65	8.2	177.93	
12/10/2024 02:45	10.91	5.46	107.49	15.38	11.18	2.99	70.94	15.43	27.48	13.76	270.79	28.4	7.6	180.21	
12/10/2024 02:50	10.98	5.39	106.02	15.38	11.17	3.13	69.73	15.43	27.65	13.58	267.01	28.4	7.95	177.29	
12/10/2024 02:55	10.56	5.15	107.31	15.37	11.23	3.33	69.16	15.43	26.56	12.96	269.81	28.56	8.47	175.83	
12/10/2024 03:00	10.98	5.33	107.62	15.38	10.8	3.04	71.76	15.43	27.65	13.42	270.94	27.42	7.72	182.27	
12/10/2024 03:05	10.99	5.3	105.84	15.38	11.08	3.21	70.88	15.44	27.68	13.36	266.51	28.21	8.16	180.41	
12/10/2024 03:10	10.51	5.14	107.49	15.37	11.23	3.35	70.17	15.44	26.43	12.93	270.41	28.58	8.51	178.51	
12/10/2024 03:15	10.86	5.5	107.95	15.38	10.95	3.12	71.53	15.43	27.35	13.84	271.73	27.82	7.91	181.69	
12/10/2024 03:20	10.91	5.42	106.5	15.38	11.16	3.27	71.41	15.44	27.46	13.65	268.13	28.4	8.32	181.77	
12/10/2024 03:25	10.62	5.21	107.92	15.38	11.14	3.35	71.95	15.44	26.74	13.12	271.72	28.36	8.52	183.2	
12/10/2024 03:30	11.11	5.51	108.15	15.39	10.85	3.07	72.69	15.44	28.05	13.91	273.06	27.6	7.82	184.91	
12/10/2024 03:35	11.18	5.44	106.54	15.4	11.25	3.28	70.48	15.45	28.23	13.75	269.03	28.67	8.35	179.59	
12/10/2024 03:40	10.73	5	105.59	15.38	11.17	3.35	70.39	15.45	27.03	12.6	265.94	28.48	8.53	179.43	
12/10/2024 03:45	11.42	5.27	104.58	15.38	11.25	3	70.02	15.44	28.77	13.29	263.54	28.62	7.64	178.13	
12/10/2024 03:50	11.5	5.17	103.09	15.39	11.44	3.04	68.08	15.44	28.99	13.04	259.82	29.12	7.75	173.31	
12/10/2024 03:55	10.83	5.02	105.73	15.38	11.52	3.14	68.11	15.44	27.26	12.64	266.22	29.3	8	173.31	
12/10/2024 04:00	11.18	5.46	107.09	15.38	10.9	2.83	70.84	15.43	28.16	13.76	269.86	27.72	7.21	180.09	
12/10/2024 04:05	11.2	5.37	105.5	15.39	11.21	3.13	69.47	15.44	28.25	13.53	265.94	28.53	7.96	176.84	
12/10/2024 04:10	10.67	5.05	106.84	15.38	11.36	3.2	69.09	15.44	26.87	12.73	269.08	28.94	8.16	176.02	
12/10/2024 04:15	11.04	5.5	107.56	15.39	10.98	3.03	70.5	15.43	27.82	13.86	271.2	27.93	7.71	179.25	
12/10/2024 04:20	11.06	5.46	106.5	15.39	11.16	3.16	70.9	15.44	27.89	13.77	268.58	28.43	8.05	180.59	
12/10/2024 04:25	10.5	5.23	108.11	15.38	11.2	3.13	71.16	15.44	26.45	13.16	272.24	28.52	7.96	181.12	
12/10/2024 04:30	10.9	5.54	109.02	15.39	10.87	3.02	72.26	15.43	27.48	13.97	274.92	27.6	7.66	183.48	
12/10/2024 04:35	10.97	5.45	107.53	15.39	11.34	3.19	68.51	15.43	27.66	13.73	271.09	28.82	8.1	174.09	
12/10/2024 04:40	10.74	5.15	107.38	15.37	11.36	3.2	68.09	15.43	27.01	12.95	270.1	28.87	8.15	173.07	
12/10/2024 04:45	11.16	5.53	107.37	15.38	10.91	3	70.25	15.43	28.13	13.93	270.57	27.7	7.63	178.41	
12/10/2024 04:50	11.26	5.41	105.77	15.39	11.38	3.17	69.07	15.44	28.37	13.63	266.56	28.95	8.06	175.7	
12/10/2024 04:55	10.61	5.24	107.45	15.38	11.5	3.25	69.22	15.44	26.73	13.19	270.59	29.26	8.27	176.14	
12/10/2024 05:00	10.72	5.51	108.08	15.38	10.96	3.09	71.4	15.43	27	13.88	272.28	27.84	7.86	181.38	
12/10/2024 05:05	10.73	5.45	106.67	15.38	11.27	3.26	70.28	15.44	27.04	13.73	268.77	28.67	8.3	178.85	
12/10/2024 05:10	10.53	5.19	107.66	15.37	11.19	3.39	70.56	15.44	26.47	13.04	270.7	28.48	8.64	179.66	
12/10/2024 05:15	11.09	5.54	107.81	15.38	11	3.15	71.47	15.43	27.93	13.96	271.44	27.94	8.01	181.57	
12/10/2024 05:20	11.05	5.5	106.55	15.38	11.1	3.21	70.91	15.44	27.82	13.86	268.36	28.24	8.16	180.45	
12/10/2024 05:25	10.41	5.37	109.79	15.38	10.91	3.25	71.67	15.44	26.22	13.53	276.38	27.76	8.28	182.43	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O <sub>2</sub>	stack2_NO	stack2_SO	stack2_CO	stack2_O <sub>2</sub>	ck1_NOx@ck1	SO <sub>2</sub> @ck1	CO@ck2	NOx@ck2	SO <sub>2</sub> @ck2	CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
12/10/2024 07:15	10.79	5.44	107.41	15.39	11.07	3.13	72.13	15.44	27.22	13.71	270.88	28.18	7.96	183.52
12/10/2024 07:20	10.85	5.36	105.57	15.39	11.19	3.16	70.35	15.45	27.37	13.52	266.29	28.53	8.05	179.37
12/10/2024 07:25	10.65	5.07	105.52	15.39	11.14	3.38	70.03	15.45	26.86	12.78	266.12	28.41	8.61	178.61
12/10/2024 07:30	11.06	5.34	106.26	15.4	10.76	3	71.59	15.44	27.94	13.49	268.39	27.39	7.63	182.25
12/10/2024 07:35	11.05	5.28	104.7	15.4	11.38	3.25	70.1	15.45	27.9	13.35	264.46	29.04	8.28	178.86
12/10/2024 07:40	10.52	4.99	106.48	15.39	11.33	3.35	69.89	15.45	26.52	12.59	268.46	28.91	8.54	178.36
12/10/2024 07:45	11.24	5.35	106.31	15.39	10.85	2.91	70.98	15.44	28.37	13.5	268.26	27.63	7.4	180.72
12/10/2024 07:50	11.21	5.27	104.82	15.39	11.44	3.15	70.55	15.45	28.29	13.29	264.48	29.16	8.02	179.86
12/10/2024 07:55	10.67	5.1	106.65	15.38	11.86	3.27	71.45	15.45	26.85	12.84	268.47	30.25	8.33	182.24
12/10/2024 08:00	11.18	5.3	106.52	15.38	11.15	3.01	72.18	15.43	28.18	13.34	268.43	28.33	7.64	183.34
12/10/2024 08:05	11.27	5.22	104.11	15.38	11.22	3.08	70.01	15.43	28.4	13.16	262.29	28.51	7.81	177.89
12/10/2024 08:10	10.86	5.09	106.57	15.37	11.44	3.27	69.56	15.43	27.29	12.81	267.93	29.06	8.3	176.76
12/10/2024 08:15	10.77	5.33	106.73	15.38	11.04	3.01	71.25	15.42	27.11	13.41	268.63	28	7.63	180.68
12/10/2024 08:20	10.75	5.29	104.94	15.38	11.22	3.09	70.41	15.43	27.08	13.32	264.18	28.51	7.84	178.91
12/10/2024 08:25	10.76	4.89	104.88	15.38	11.33	3.08	70.61	15.44	27.06	12.32	263.92	28.82	7.83	179.62
12/10/2024 08:30	11.13	5.27	106.07	15.39	11.02	2.76	70.43	15.43	28.05	13.29	267.33	27.99	7.02	178.88
12/10/2024 08:35	11.14	5.26	104.6	15.39	11.37	2.96	69.7	15.44	28.1	13.25	263.75	28.96	7.54	177.55
12/10/2024 08:40	10.9	4.83	104.94	15.38	11.39	2.97	69.19	15.44	27.46	12.18	264.35	29.02	7.57	176.26
12/10/2024 08:45	11.22	5.16	104.19	15.38	11.16	2.92	71.44	15.43	28.28	13.01	262.52	28.36	7.42	181.56
12/10/2024 08:50	11.2	5.07	103.15	15.39	11.34	2.82	68.82	15.44	28.22	12.77	259.96	28.87	7.17	175.17
12/10/2024 08:55	10.84	4.74	104.31	15.37	11.44	2.64	67.95	15.44	27.27	11.93	262.38	29.11	6.72	172.96
12/10/2024 09:00	10.82	5.07	104.36	15.38	11.21	2.61	69.02	15.43	27.25	12.77	262.85	28.48	6.62	175.33
12/10/2024 09:05	10.86	5.01	103.69	15.38	11.7	2.87	67.82	15.44	27.37	12.62	261.26	29.79	7.29	172.64
12/10/2024 09:10	11.11	4.73	104.17	15.39	11.69	2.95	67.91	15.44	28	11.93	262.57	29.76	7.52	172.89
12/10/2024 09:15	11.25	5	104.88	15.39	11.57	2.9	69.77	15.44	28.38	12.62	264.54	29.45	7.37	177.54
12/10/2024 09:20	11.27	4.87	103.44	15.39	11.22	2.51	68.77	15.44	28.43	12.29	260.86	28.55	6.38	174.91
12/10/2024 09:25	10.98	4.68	104.14	15.37	11.28	2.74	69.44	15.43	27.57	11.76	261.55	28.68	6.96	176.54
12/10/2024 09:30	11.36	5	104.58	15.37	11.28	2.83	70.93	15.43	28.56	12.58	262.96	28.64	7.19	180.04
12/10/2024 09:35	11.37	4.92	103.26	15.38	11.56	2.77	69	15.44	28.6	12.39	259.84	29.41	7.04	175.53
12/10/2024 09:40	10.91	4.59	104.73	15.38	11.84	2.92	68.81	15.44	27.49	11.56	263.92	30.16	7.44	175.2
12/10/2024 09:45	11.38	4.97	104.5	15.39	11.63	2.67	69.21	15.43	28.7	12.55	263.65	29.58	6.78	175.98
12/10/2024 09:50	11.42	4.9	103.06	15.39	11.43	2.53	68.28	15.43	28.81	12.37	259.92	29.06	6.43	173.65
12/10/2024 09:55	11.34	4.58	104.34	15.37	11.25	2.58	69.08	15.43	28.53	11.53	262.5	28.6	6.56	175.63
12/10/2024 10:00	11.24	4.86	105	15.37	11.48	2.7	69.89	15.42	28.26	12.23	263.96	29.14	6.85	177.34
12/10/2024 10:05	11.2	4.77	103.42	15.37	11.58	2.45	67.27	15.42	28.15	11.98	259.88	29.36	6.23	170.6
12/10/2024 10:10	11.29	4.37	102.09	15.37	11.48	2.44	66.86	15.42	28.36	10.98	256.48	29.11	6.18	169.45
12/10/2024 10:15	11.76	4.7	101.76	15.38	11.98	2.67	67.76	15.42	29.59	11.83	256.05	30.4	6.78	171.93
12/10/2024 10:20	11.73	4.64	101.24	15.38	11.78	2.34	65.95	15.42	29.51	11.68	254.7	29.9	5.93	167.42
12/10/2024 10:25	11	4.4	103.4	15.36	11.97	2.36	65.58	15.42	27.62	11.06	259.67	30.37	5.99	166.4
12/10/2024 10:30	11.3	4.58	102.53	15.37	11.74	2.56	68.75	15.42	28.4	11.51	257.71	29.79	6.5	174.4
12/10/2024 10:35	11.28	4.43	101.01	15.37	11.52	2.41	67.05	15.43	28.37	11.14	253.91	29.24	6.12	170.26
12/10/2024 10:40	10.97	4.23	102.6	15.37	11.5	2.39	67.33	15.43	27.59	10.65	257.99	29.2	6.07	170.93
12/10/2024 10:45	11.19	4.55	103.12	15.38	11.72	2.51	67.33	15.43	28.18	11.46	259.63	29.77	6.38	170.96
12/10/2024 10:50	11.19	4.55	102.52	15.38	11.51	2.23	67.05	15.43	28.19	11.46	258.18	29.26	5.67	170.5
12/10/2024 10:55	11.05	4.33	102.93	15.38	11.81	2.44	67.19	15.44	27.82	10.9	259.1	30.07	6.21	171.02
12/10/2024 11:00	11.6	4.56	101.68	15.38	11.95	2.63	67.64	15.43	29.21	11.49	256.07	30.38	6.69	171.94
12/10/2024 11:05	11.68	4.53	100.14	15.38	11.4	2.27	66.51	15.44	29.43	11.41	252.23	29.01	5.76	169.21
12/10/2024 11:10	11.16	4.37	102.64	15.38	11.47	2.67	67.14	15.44	28.11	11	258.48	29.21	6.81	170.99
12/10/2024 11:15	11.51	4.75	103.51	15.39	11.39	2.39	67.98	15.43	29.02	11.97	261.08	28.97	6.08	172.81
12/10/2024 11:20	11.38	4.56	101.93	15.39	11.34	2.09	67.27	15.44	28.71	11.51	257.1	28.86	5.33	171.25
12/10/2024 11:25	11.12	4.39	103.4	15.39	11.58	2.06	67.86	15.44	28.03	11.06	260.71	29.48	5.25	172.78
12/10/2024 11:30	11.33	4.7	103.51	15.4	11.41	2.22	68.45	15.44	28.61	11.86	261.44	29.04	5.64	174.22
12/10/2024 11:35	11.25	4.62	101.8	15.4	11.4	2.21	66.7	15.44	28.42	11.68	257.12	29.05	5.63	169.95
12/10/2024 11:40	11.17	4.33	102.83	15.39	11.36	2.38	67.3	15.45	28.17	10.93	259.34	28.96	6.06	171.59
12/10/2024 11:45	11.44	4.68	103.59	15.4	11.41	2.31	68.93	15.44	28.9	11.83	261.64	29.06	5.88	175.58
12/10/2024 11:50	11.47	4.55	102.12	15.4	11.17	2.21	67.6	15.45	28.97	11.49	258.02	28.49	5.63	172.43
12/10/2024 11:55	11.13	4.34	103.02	15.4	11.47	2.3	67.8	15.45	28.11	10.95	260.12	29.26	5.86	172.96
12/10/2024 12:00	11.26	4.76	103.06	15.4	11.35	2.21	67.75	15.45	28.47	12.03	260.63	28.94	5.63	172.67
12/10/2024 12:05	11.19	4.52	101.1	15.4	11.43	2.03	66.74	15.45	28.29	11.44	255.64	29.14	5.17	170.23
12/10/2024 12:10	11	4.25	102.72	15.4	11.38	1.8	66.69	15.45	27.8	10.74	259.59	29	4.58	170.04
12/10/2024 12:15	11.49	4.6	102.48	15.41	11.23	2.11	68.83	15.45	29.09	11.65	259.43	28.65	5.39	175.54
12/10/2024 12:20	11.46	4.49	101.07	15.41	11.52	2.2	66.82	15.46	29.03	11.37	255.92	29.43	5.61	170.72
12/10/2024 12:25	11.01	4.18	101.82	15.41	11.84	2.3	66.63	15.46	27.86	10.59	257.71	30.27	5.87	170.27
12/10/2024 12:30	11.52	4.48	101.77	15.42	11.72	2.31	67.51	15.46	29.23	11.37	258.15	29.93	5.9	172.44
12/10/2024 12:35	11.51	4.39	100.2	15.42	11.55	2.29	66.65	15.47	29.21	11.13	254.24	29.56	5.86	170.62
12/10/2024 12:40	11.14	4.2	101.74	15.42	11.52	2.34	65.98	15.47	28.22	10.65	257.84	29.46	6	168.82
12/10/2024 12:45	11.51	4.53	102.03	15.43	11.29	2.24	67.7	15.46	29.24	11.51	259.13	28.87	5.72	173.12
12/10/2024 12:50	11.54	4.44	100.34	15.43	11.74	2.44	67.37	15.47	29.33	11.28	254.9	30.07	6.26	172.59
12/10/2024 12:55	11.07	4.28	102.61	15.42	11.58	2.22	67.72	15.47	28.07	10.85	260.1	29.64	5.68	173.36
12/10/2024 13:00	11.52	4.7	102.54	15.43	11.25	2.17	69.23	15.47	29.26	11.95	260.45	28.79	5.55	177.1
12/10/2024 13:05	11.54	4.56	100.65	15.43	11.44	2.23	67.37	15.48	29.32	11.58	255.71	29.31	5.7	172.62
12/10/2024 13:10	10.97	4.16	101.84	15.42	11.75	2.3	67.11	15.48	27.84	10.55	258.35	30.11	5.89	172
12/10/2024 13:15	11.3	4.54	101.69	15.43	11.29	2.17	68.25	15.47	28.73	11.55	258.62	28.92	5.56	174.84
12/10/2024 13:20	11.28	4.43	100.05	15.44	11.4	2.28	67.44	15.48</						



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
12/10/2024 15:00	11.47	4.55	101.86	15.45	11.12	2.12	68.64	15.49	29.26	11.61	259.93	28.59	5.45	176.47	
12/10/2024 15:05	11.42	4.46	100.77	15.45	11.3	2.29	67.89	15.5	29.13	11.38	257.1	29.09	5.9	174.76	
12/10/2024 15:10	11	4.26	102.1	15.45	11.39	2.31	67.5	15.5	28.04	10.86	260.38	29.31	5.95	173.7	
12/10/2024 15:15	11.32	4.74	103.32	15.46	10.91	2.14	69.03	15.49	28.93	12.12	264	28.04	5.5	177.43	
12/10/2024 15:20	11.35	4.64	101.93	15.46	11.23	2.33	68.12	15.5	28.99	11.86	260.34	28.88	6	175.22	
12/10/2024 15:25	10.97	4.24	101.93	15.44	11.42	2.44	68.53	15.5	27.93	10.8	259.53	29.38	6.27	176.25	
12/10/2024 15:30	11.33	4.64	102.12	15.45	10.99	2.16	68.84	15.49	28.89	11.83	260.46	28.24	5.55	176.79	
12/10/2024 15:35	11.27	4.57	101.39	15.45	11.15	2.29	68.28	15.49	28.74	11.66	258.55	28.65	5.87	175.38	
12/10/2024 15:40	10.94	4.34	102.95	15.43	11.31	2.31	67.89	15.49	27.82	11.03	261.75	29.04	5.94	174.3	
12/10/2024 15:45	11.29	4.8	104.43	15.43	10.9	2.15	70.43	15.48	28.73	12.2	265.61	27.94	5.51	180.44	
12/10/2024 15:50	11.24	4.64	102.73	15.44	11.03	2.29	68.79	15.48	28.6	11.8	261.3	28.27	5.88	176.36	
12/10/2024 15:55	10.83	4.35	103.54	15.43	11.05	2.28	68.41	15.48	27.5	11.06	262.93	28.3	5.85	175.27	
12/10/2024 16:00	11.46	4.64	103.5	15.44	11.03	2.17	69.09	15.47	29.17	11.8	263.37	28.25	5.56	176.9	
12/10/2024 16:05	11.57	4.52	102.37	15.44	11.54	2.26	67.34	15.48	29.44	11.5	260.5	29.58	5.8	172.61	
12/10/2024 16:10	10.93	4.3	103.18	15.42	11.95	2.34	67.36	15.48	27.75	10.91	261.91	30.64	6.01	172.69	
12/10/2024 16:15	11.33	4.82	103.15	15.43	11.44	2.21	68.79	15.47	28.79	12.24	261.96	29.27	5.65	175.92	
12/10/2024 16:20	11.26	4.75	101.98	15.43	11.33	2.2	67.58	15.47	28.59	12.06	258.93	28.97	5.62	172.88	
12/10/2024 16:25	10.95	4.33	103.28	15.41	11.33	2.28	68	15.47	27.74	10.96	261.6	28.98	5.84	173.98	
12/10/2024 16:30	11.37	4.73	103.24	15.42	11.37	2.3	68.74	15.46	28.82	12	261.69	29.03	5.87	175.51	
12/10/2024 16:35	11.32	4.61	101.63	15.42	11.56	2.3	67.5	15.46	28.7	11.68	257.6	29.54	5.87	172.49	
12/10/2024 16:40	11.11	4.29	103.23	15.41	11.56	2.39	67.98	15.46	28.1	10.86	261.13	29.57	6.12	173.84	
12/10/2024 16:45	11.24	4.6	103.32	15.41	11.52	2.4	69.42	15.45	28.46	11.64	261.59	29.38	6.11	177.06	
12/10/2024 16:50	11.2	4.47	101.72	15.41	11.41	2.24	67.05	15.45	28.35	11.33	257.54	29.1	5.72	171.06	
12/10/2024 16:55	11.23	4.14	101.28	15.4	11.5	2.34	66.83	15.45	28.38	10.46	255.88	29.35	5.98	170.54	
12/10/2024 17:00	11.47	4.59	102.58	15.4	11.67	2.29	66.8	15.44	28.96	11.58	259.08	29.73	5.82	170.18	
12/10/2024 17:05	11.43	4.52	101.44	15.4	11.7	2.14	66.17	15.44	28.86	11.41	256.13	29.79	5.45	168.49	
12/10/2024 17:10	11.09	4.19	102.73	15.38	11.66	2.2	66.42	15.44	27.94	10.56	258.73	29.68	5.61	169.12	
12/10/2024 17:15	11.52	4.68	104.51	15.38	11.55	2.28	68.1	15.43	29.02	11.8	263.22	29.34	5.79	172.96	
12/10/2024 17:20	11.67	4.44	101.32	15.38	11.41	2.13	67.12	15.43	29.37	11.17	254.96	28.98	5.42	170.46	
12/10/2024 17:25	12.85	3.56	93.92	15.34	11.69	2.28	66.92	15.43	32.11	8.9	234.74	29.7	5.8	170.05	
12/10/2024 17:30	13.43	3.68	92.64	15.34	11.47	2.08	68.43	15.42	33.58	9.19	231.68	29.11	5.27	173.59	
12/10/2024 17:35	13.23	3.57	91.65	15.34	11.67	2.24	66.99	15.42	33.08	8.92	229.22	29.59	5.67	169.87	
12/10/2024 17:40	12.79	3.69	94.9	15.33	11.33	1.69	65.95	15.41	31.92	9.22	236.85	28.7	4.28	167.11	
12/10/2024 17:45	12.93	4.07	96.11	15.33	11.57	2.19	68.09	15.41	32.26	10.15	239.74	29.3	5.55	172.39	
12/10/2024 17:50	12.68	4.12	96.72	15.34	11.98	2.42	65.6	15.4	31.68	10.3	241.65	30.3	6.13	165.95	
12/10/2024 17:55	11	4.55	104.81	15.36	12.2	2.25	63.64	15.39	27.62	11.43	263.13	30.77	5.68	160.47	
12/10/2024 18:00	11.21	5.19	106.3	15.37	12.19	2.32	64.54	15.38	28.2	13.05	267.41	30.71	5.85	162.64	
12/10/2024 18:05	11.38	5.19	104.7	15.37	12.13	2.45	63.49	15.39	28.63	13.05	263.38	30.58	6.17	160.03	
12/10/2024 18:10	10.76	4.72	105.71	15.37	12.58	2.85	64.03	15.39	27.03	11.85	265.48	31.72	7.17	161.46	
12/10/2024 18:15	11.56	4.88	105.53	15.37	11.93	2.35	65.29	15.38	29.06	12.27	265.23	30.04	5.92	164.32	
12/10/2024 18:20	11.69	4.82	103.21	15.37	12.35	2.51	63.2	15.39	29.38	12.11	259.36	31.14	6.33	159.36	
12/10/2024 18:25	11.16	4.85	105.5	15.36	12.59	2.66	64.38	15.4	28.02	12.17	264.82	31.85	6.72	162.83	
12/10/2024 18:30	11.49	5.19	105.39	15.38	11.82	2.63	67.75	15.41	28.91	13.05	265.22	29.91	6.65	171.41	
12/10/2024 18:35	11.58	5.19	104.31	15.38	11.95	2.88	67.08	15.42	29.15	13.06	262.47	30.31	7.31	170.15	
12/10/2024 18:40	11.03	4.88	105.71	15.36	12.34	3.17	66.66	15.42	27.69	12.26	265.37	31.32	8.05	169.13	
12/10/2024 18:45	11.37	5.37	106	15.37	11.57	2.81	69.13	15.41	28.58	13.48	266.38	29.32	7.12	175.08	
12/10/2024 18:50	11.4	5.26	104.4	15.37	11.92	2.97	67.93	15.42	28.66	13.22	262.41	30.22	7.53	172.23	
12/10/2024 18:55	11	5.07	106.37	15.36	12	2.85	67.97	15.42	27.61	12.73	267.1	30.42	7.21	172.31	
12/10/2024 19:00	11.21	5.33	106.03	15.37	11.5	2.77	69.28	15.41	28.21	13.41	266.7	29.13	7.01	175.53	
12/10/2024 19:05	11.29	5.3	105.31	15.38	11.82	3.1	68.43	15.43	28.41	13.32	264.93	30.05	7.88	173.95	
12/10/2024 19:10	10.93	5.01	105.92	15.37	12.08	3.1	67.92	15.43	27.49	12.6	266.34	30.7	7.87	172.64	
12/10/2024 19:15	11.63	5.41	105.8	15.37	11.64	2.93	69.27	15.42	29.26	13.61	266.13	29.52	7.43	175.64	
12/10/2024 19:20	11.65	5.39	103.98	15.38	11.97	3.12	67.61	15.43	29.32	13.56	261.61	30.44	7.94	171.88	
12/10/2024 19:25	11.13	5.05	105.86	15.38	12.06	3.35	68.22	15.43	28	12.72	266.45	30.68	8.51	173.49	
12/10/2024 19:30	11.26	5.33	105.07	15.39	11.75	3.01	69.05	15.43	28.39	13.42	264.86	29.85	7.64	175.35	
12/10/2024 19:35	11.38	5.21	102.85	15.39	12.06	3.12	67.09	15.43	28.69	13.14	259.25	30.65	7.93	170.52	
12/10/2024 19:40	11.02	5.05	105.24	15.38	12.27	3.11	66.69	15.43	27.73	12.69	264.79	31.16	7.9	169.4	
12/10/2024 19:45	11.52	5.44	106.18	15.39	11.56	3.01	69.25	15.43	29.05	13.72	267.82	29.35	7.63	175.82	
12/10/2024 19:50	11.5	5.41	104.49	15.39	11.74	3.11	68.4	15.43	28.99	13.64	263.53	29.83	7.9	173.85	
12/10/2024 19:55	10.93	5.09	106.19	15.38	11.81	3.19	68.73	15.43	27.51	12.8	267.17	30.03	8.11	174.75	
12/10/2024 20:00	11.15	5.48	107.14	15.38	11.47	2.97	69.39	15.42	28.08	13.8	269.9	29.11	7.55	176.09	
12/10/2024 20:05	11.2	5.42	105.78	15.38	11.92	3.2	68.43	15.43	28.2	13.66	266.46	30.31	8.15	173.95	
12/10/2024 20:10	11.05	5.07	106.14	15.37	12.22	3.27	68.73	15.43	27.79	12.75	266.89	31.07	8.31	174.75	
12/10/2024 20:15	11.36	5.42	107.49	15.38	11.6	3.05	70.21	15.42	28.59	13.65	270.62	29.45	7.73	178.19	
12/10/2024 20:20	11.46	5.35	106.12	15.38	11.76	3.11	68.44	15.43	28.86	13.46	267.24	29.89	7.9	173.88	
12/10/2024 20:25	11.03	5.06	105.98	15.37	12.14	3.31	68.22	15.43	27.71	12.71	266.37	30.84	8.42	173.29	
12/10/2024 20:30	11.45	5.33	106.39	15.38	11.57	3.04	69.72	15.42	28.83	13.42	267.87	29.34	7.72	176.8	
12/10/2024 20:35	11.47	5.27	105.05	15.38	11.93	3.23	68.83	15.43	28.89	13.26	264.52	30.33	8.22	174.99	
12/10/2024 20:40	11.02	5.1	106.13	15.37	12.16	3.31	69.08	15.43	27.7	12.8	266.62	30.92	8.43	175.68	
12/10/2024 20:45	11.42	5.43	106.03	15.37	11.49	2.92	69.29	15.42	28.71	13.66	266.63	29.15	7.4	175.78	
12/10/2024 20:50	11.47	5.38	104.05	15.37	11.65	3.09	68.41	15.43	28.85	13.53	261.67	29.6	7.85	173.78	
12/10/2024 20:55	10.99	5.15	105.94	15.37	11.67	3.08	68.42	15.43	27.63	12.94	266.28	29.66	7.83	173.86	
12/															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
12/10/2024 22:45	11.35	5.5	106.05	15.38	11.23	3	70.79	15.43	28.6	13.86	267.2	28.52	7.63	179.82	
12/10/2024 22:50	11.33	5.42	104.63	15.39	11.45	3.13	69.36	15.44	28.56	13.65	263.7	29.15	7.97	176.52	
12/10/2024 22:55	10.95	5.18	105.38	15.37	11.16	3.05	69.14	15.44	27.54	13.03	264.98	28.39	7.76	175.94	
12/10/2024 23:00	11.34	5.52	106.26	15.37	11.3	3.07	69.66	15.41	28.5	13.87	267.14	28.62	7.78	176.36	
12/10/2024 23:05	11.4	5.51	104.72	15.35	11.48	3.29	69.08	15.36	28.56	13.81	262.49	28.8	8.24	173.3	
12/10/2024 23:10	10.83	5.37	105.55	15.26	11.88	3.6	68.44	15.34	26.67	13.22	259.96	29.71	8.99	171.21	
12/10/2024 23:15	10.8	5.87	106.65	15.25	11.28	3.47	70.42	15.3	26.56	14.42	262.18	27.98	8.61	174.71	
12/10/2024 23:20	10.89	5.81	105.09	15.24	11.39	3.52	69.04	15.27	26.73	14.26	258.02	28.1	8.69	170.38	
12/10/2024 23:25	10.71	5.45	105.48	15.2	11.72	3.6	68.81	15.26	26.13	13.29	257.32	28.89	8.87	169.67	
12/10/2024 23:30	11.08	5.93	106.05	15.21	10.97	3.25	70.16	15.25	27.05	14.47	258.98	26.98	8	172.57	
12/10/2024 23:35	11.04	5.7	104.3	15.21	11.38	3.39	68.23	15.25	26.95	13.91	254.6	27.97	8.35	167.76	
12/10/2024 23:40	10.73	5.46	105.41	15.19	11.08	3.22	68.36	15.24	26.13	13.3	256.58	27.22	7.91	167.99	
12/10/2024 23:45	11.03	5.8	104.75	15.19	10.87	3.14	69.74	15.23	26.87	14.14	255.2	26.66	7.7	171.07	
12/10/2024 23:50	11.09	5.74	103.13	15.2	11.46	3.56	68.62	15.24	27.03	13.98	251.25	28.14	8.74	168.54	
12/10/2024 23:55	10.75	5.56	105.78	15.18	11.84	4	69.31	15.25	26.15	13.51	257.27	29.12	9.84	170.43	
13/10/2024 00:00	10.76	5.69	105.74	15.19	11.23	3.43	70.47	15.24	26.17	13.84	257.25	27.55	8.43	172.91	
13/10/2024 00:05	10.81	5.69	104.06	15.19	11.32	3.47	68.38	15.25	26.31	13.84	253.29	27.83	8.53	168.11	
13/10/2024 00:10	10.73	5.45	106.34	15.19	11.45	3.66	67.83	15.25	26.11	13.27	258.82	28.17	9	166.82	
13/10/2024 00:15	10.98	5.77	106.57	15.19	10.97	3.34	69.54	15.24	26.75	14.04	259.5	26.94	8.2	170.79	
13/10/2024 00:20	11.07	5.69	104.74	15.19	11.52	3.57	69.61	15.25	26.97	13.86	255.14	28.35	8.79	171.27	
13/10/2024 00:25	10.65	5.39	105.73	15.19	11.8	3.53	69.88	15.25	25.91	13.12	257.23	29.01	8.69	171.86	
13/10/2024 00:30	11.06	5.87	105.2	15.2	11.33	3.32	69.7	15.25	26.99	14.31	256.61	27.86	8.16	171.4	
13/10/2024 00:35	11.08	5.79	103.55	15.2	11.53	3.26	67.05	15.25	27.04	14.13	252.61	28.37	8.03	165	
13/10/2024 00:40	10.97	5.23	102.67	15.19	11.72	3.38	66.83	15.25	26.7	12.74	249.91	28.84	8.31	164.45	
13/10/2024 00:45	11.47	5.72	103.46	15.2	11.38	3.24	68.11	15.24	27.97	13.95	252.28	27.95	7.96	167.3	
13/10/2024 00:50	11.45	5.64	102.52	15.2	11.21	3.27	68.41	15.26	27.91	13.76	249.96	27.62	8.05	168.45	
13/10/2024 00:55	10.95	5.46	104.87	15.19	11.36	3.49	69.08	15.26	26.66	13.28	255.26	27.99	8.59	170.23	
13/10/2024 01:00	11.25	5.67	105.35	15.19	11	3.16	69.58	15.25	27.4	13.81	256.6	27.05	7.78	171.11	
13/10/2024 01:05	11.4	5.65	104.32	15.2	11.35	3.49	68.64	15.28	27.79	13.77	254.22	28.06	8.62	169.68	
13/10/2024 01:10	10.8	5.41	105.41	15.19	11.33	3.6	68.28	15.28	26.28	13.17	256.53	28.02	8.89	168.87	
13/10/2024 01:15	11.14	5.76	106.26	15.2	11.13	3.32	69.28	15.26	27.14	14.03	259.02	27.45	8.19	170.82	
13/10/2024 01:20	11.2	5.74	105.32	15.2	11.33	3.58	68.92	15.29	27.31	13.99	256.81	28.05	8.87	170.63	
13/10/2024 01:25	10.7	5.43	106.23	15.18	11.56	3.66	68.77	15.28	26.02	13.21	258.29	28.62	9.05	170.21	
13/10/2024 01:30	11.15	5.73	105.97	15.19	11.04	3.47	70.95	15.27	27.14	13.94	258.05	27.24	8.56	174.98	
13/10/2024 01:35	11.15	5.65	104.51	15.19	11.22	3.51	69.39	15.28	27.16	13.75	254.58	27.73	8.68	171.52	
13/10/2024 01:40	10.67	5.51	106.79	15.18	11.28	3.52	69.19	15.27	25.94	13.4	259.68	27.86	8.69	170.88	
13/10/2024 01:45	10.9	5.97	107.23	15.2	11.02	3.38	72.02	15.26	26.58	14.55	261.37	27.14	8.33	177.4	
13/10/2024 01:50	10.91	5.89	104.96	15.2	11.18	3.54	69.96	15.27	26.6	14.35	255.85	27.61	8.75	172.8	
13/10/2024 01:55	10.6	5.53	106.74	15.18	11.38	3.52	70.14	15.27	25.77	13.45	259.41	28.06	8.68	173.04	
13/10/2024 02:00	10.79	5.77	107.4	15.19	10.75	3.36	71.44	15.26	26.25	14.04	261.31	26.5	8.27	175.99	
13/10/2024 02:05	10.87	5.75	106.02	15.19	11.36	3.6	69.43	15.29	26.45	14	258.08	28.12	8.91	171.92	
13/10/2024 02:10	10.5	5.56	106.73	15.18	11.84	3.96	69.58	15.29	25.54	13.52	259.5	29.37	9.81	172.51	
13/10/2024 02:15	11.25	5.75	107.08	15.19	10.97	3.4	69.95	15.26	27.36	13.98	260.43	27.06	8.38	172.5	
13/10/2024 02:20	11.44	5.73	105.46	15.19	11.34	3.69	69.78	15.28	27.85	13.95	256.62	28.07	9.12	172.72	
13/10/2024 02:25	10.83	5.42	105.78	15.18	11.86	3.81	70.13	15.28	26.3	13.18	257	29.35	9.44	173.53	
13/10/2024 02:30	10.78	5.79	107.2	15.19	10.86	3.35	71.42	15.26	26.25	14.1	260.9	26.77	8.26	175.98	
13/10/2024 02:35	10.84	5.79	106.05	15.19	11.3	3.59	70.14	15.28	26.39	14.09	258.2	27.93	8.87	173.35	
13/10/2024 02:40	10.65	5.43	105.82	15.18	11.44	3.58	71.05	15.27	25.86	13.18	256.93	28.25	8.84	175.47	
13/10/2024 02:45	10.92	5.87	107.46	15.19	10.88	3.35	70.9	15.26	26.59	14.29	261.74	26.8	8.25	174.58	
13/10/2024 02:50	10.92	5.82	106.82	15.19	11.01	3.48	69.9	15.27	26.6	14.18	260.22	27.19	8.58	172.56	
13/10/2024 02:55	10.41	5.56	107.48	15.19	11.08	3.52	69.75	15.27	25.32	13.53	261.42	27.33	8.68	172.07	
13/10/2024 03:00	11.18	6	107.24	15.19	10.89	3.4	71.69	15.25	27.25	14.61	261.27	26.8	8.35	176.37	
13/10/2024 03:05	11.16	5.94	106.35	15.2	10.98	3.56	70.76	15.27	27.2	14.47	259.18	27.1	8.78	174.69	
13/10/2024 03:10	10.54	5.52	106.5	15.18	10.75	3.66	71.11	15.27	25.64	13.44	259.02	26.55	9.03	175.62	
13/10/2024 03:15	10.62	5.83	107.81	15.19	10.53	3.37	72.36	15.25	25.84	14.19	262.33	25.9	8.29	178.02	
13/10/2024 03:20	10.72	5.85	106.32	15.19	11.15	3.63	70.76	15.27	26.12	14.25	258.94	27.54	8.96	174.75	
13/10/2024 03:25	10.69	5.61	107.87	15.19	11.33	3.83	71.27	15.28	26	13.65	262.47	27.99	9.46	176.11	
13/10/2024 03:30	10.84	5.88	107.92	15.19	10.81	3.37	71.7	15.26	26.39	14.33	262.81	26.63	8.29	176.52	
13/10/2024 03:35	10.95	5.79	106	15.2	11.07	3.59	70.25	15.28	26.67	14.11	258.25	27.37	8.88	173.69	
13/10/2024 03:40	10.45	5.43	106.98	15.18	10.83	3.53	69.64	15.27	25.41	13.2	260.18	26.74	8.73	171.99	
13/10/2024 03:45	10.91	5.82	106.32	15.19	10.88	3.52	72.06	15.26	26.58	14.17	258.97	26.8	8.66	177.41	
13/10/2024 03:50	10.95	5.75	104.81	15.19	10.95	3.49	71.15	15.27	26.69	14	255.33	27.01	8.62	175.6	
13/10/2024 03:55	10.59	5.46	106.28	15.18	11.14	3.64	72.34	15.27	25.76	13.29	258.43	27.5	8.99	178.57	
13/10/2024 04:00	11.37	5.93	106.42	15.19	10.75	3.44	72.36	15.26	27.69	14.43	259.09	26.48	8.47	178.19	
13/10/2024 04:05	11.34	5.79	104.89	15.19	10.77	3.37	71.27	15.27	27.63	14.11	255.42	26.58	8.32	175.92	
13/10/2024 04:10	10.7	5.64	106.98	15.18	10.91	3.42	72.81	15.27	26.01	13.73	260.14	26.94	8.46	179.83	
13/10/2024 04:15	10.66	5.82	107.88	15.19	10.63	3.4	74.43	15.25	25.95	14.16	262.5	26.17	8.38	183.2	
13/10/2024 04:20	10.74	5.79	106.27	15.19	11.1	3.7	72.48	15.27	26.16	14.09	258.7	27.44	9.14	179.09	
13/10/2024 04:25	10.5	5.55	107.34	15.18	11.44	3.85	72.67	15.28	25.5	13.48	260.76	28.28	9.51	179.68	
13/10/2024 04:30	10.79	5.87	108.48	15.19	10.81	3.56	73.78	15.25	26.25	14.28	263.95	26.62	8.76	181.57	
13/10/2024 04:35	10.88	5.81	107.27	15.19	11.16	3.79	72.62	15.27	26.48	14.15	261.09	27.55	9.34	179.25	
13/10/2024 04:40	10.43	5.54	107.46	15.17	10.97	3.7	72.95	15.27	25.32	13.45	260.78	27.06	9.14	179.98	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/10/2024 06:30	10.77	5.83	107.13	15.19	10.57	3.6	74.62	15.25	26.21	14.19	260.8	26.02	8.87	183.66	
13/10/2024 06:35	10.77	5.77	105.87	15.19	10.79	3.79	75.11	15.27	26.23	14.04	257.89	26.63	9.35	185.41	
13/10/2024 06:40	10.45	5.61	107.95	15.18	10.8	3.8	75.64	15.27	25.39	13.63	262.37	26.64	9.37	186.66	
13/10/2024 06:45	10.83	6.12	109.16	15.19	10.53	3.64	75.56	15.25	26.36	14.89	265.72	25.9	8.96	185.87	
13/10/2024 06:50	10.9	6.08	108.04	15.19	10.88	3.67	73.66	15.26	26.53	14.81	263.02	26.82	9.04	181.52	
13/10/2024 06:55	10.45	5.74	108.54	15.18	11.09	3.8	74.08	15.26	25.41	13.96	263.82	27.34	9.36	182.55	
13/10/2024 07:00	10.67	6.06	108.52	15.19	10.5	3.59	75.67	15.25	25.95	14.74	263.99	25.81	8.82	186.03	
13/10/2024 07:05	10.68	5.97	107.19	15.19	10.85	3.6	73.34	15.26	26	14.52	260.76	26.72	8.88	180.61	
13/10/2024 07:10	10.23	5.63	108.52	15.18	11.05	3.81	73.78	15.26	24.85	13.66	263.58	27.22	9.4	181.82	
13/10/2024 07:15	10.9	5.81	108.02	15.18	10.53	3.48	73.85	15.24	26.48	14.13	262.55	25.88	8.54	181.44	
13/10/2024 07:20	11.09	5.85	105.94	15.18	11.06	3.74	72.38	15.26	26.97	14.23	257.63	27.27	9.21	178.38	
13/10/2024 07:25	10.41	5.63	108.63	15.18	11.36	3.99	72.91	15.27	25.28	13.67	263.75	28.02	9.83	179.86	
13/10/2024 07:30	10.61	5.75	107.95	15.18	10.7	3.46	72.82	15.25	25.81	13.99	262.53	26.34	8.52	179.12	
13/10/2024 07:35	10.72	5.7	105.52	15.19	11.48	3.59	70.14	15.26	26.07	13.86	256.68	28.3	8.84	172.95	
13/10/2024 07:40	10.65	5.35	105.46	15.18	11.72	3.56	70.5	15.26	25.87	12.99	256.17	28.88	8.78	173.73	
13/10/2024 07:45	11.02	5.83	105.35	15.18	10.92	3.38	72.26	15.24	26.77	14.16	256.05	26.85	8.29	177.51	
13/10/2024 07:50	11.04	5.72	104.07	15.18	11.09	3.37	70.15	15.25	26.84	13.91	252.96	27.28	8.28	172.57	
13/10/2024 07:55	10.66	5.6	106.29	15.17	10.97	3.31	70.09	15.25	25.88	13.59	257.95	26.98	8.15	172.4	
13/10/2024 08:00	10.79	5.72	106.25	15.17	10.75	3.33	72.96	15.23	26.2	13.9	257.95	26.37	8.15	178.83	
13/10/2024 08:05	10.85	5.69	104.99	15.18	11.19	3.6	71.02	15.25	26.34	13.81	254.91	27.53	8.86	174.76	
13/10/2024 08:10	10.73	5.47	106.03	15.16	11.56	3.8	71.13	15.25	25.98	13.24	256.75	28.45	9.35	175.03	
13/10/2024 08:15	10.85	5.64	105.86	15.17	11.12	3.62	72.25	15.24	26.29	13.68	256.66	27.29	8.88	177.31	
13/10/2024 08:20	10.95	5.61	103.84	15.17	11.09	3.49	70.83	15.24	26.54	13.6	251.77	27.25	8.57	174	
13/10/2024 08:25	10.58	5.37	105.69	15.16	10.89	3.66	70.84	15.24	25.62	13	255.86	26.73	8.98	173.9	
13/10/2024 08:30	11.22	5.89	105.64	15.17	10.93	3.41	71.03	15.22	27.23	14.29	256.32	26.77	8.36	173.88	
13/10/2024 08:35	11.17	5.79	104.38	15.17	11.2	3.31	69.36	15.23	27.11	14.04	253.27	27.45	8.12	169.98	
13/10/2024 08:40	10.71	5.36	105.15	15.15	10.98	3.31	69.86	15.23	25.9	12.98	254.38	26.93	8.13	171.3	
13/10/2024 08:45	11.09	5.55	105.02	15.16	11.03	3.25	71.02	15.22	26.83	13.43	254.12	26.98	7.95	173.67	
13/10/2024 08:50	11.19	5.48	102.78	15.16	11.18	3.45	69.82	15.23	27.08	13.26	248.7	27.38	8.45	171.01	
13/10/2024 08:55	10.38	5.29	106.16	15.14	11.25	3.42	69.47	15.22	25.07	12.77	256.29	27.54	8.38	170.06	
13/10/2024 09:00	10.92	5.62	106.11	15.15	11	3.39	71.95	15.21	26.41	13.6	256.63	26.87	8.27	175.7	
13/10/2024 09:05	10.98	5.58	104.24	15.15	11.2	3.33	69.15	15.21	26.55	13.5	252.11	27.34	8.13	168.87	
13/10/2024 09:10	10.63	5.39	105.34	15.14	10.81	3.13	69.13	15.21	25.65	13.01	254.27	26.4	7.63	168.75	
13/10/2024 09:15	11.18	5.66	104.93	15.15	10.77	3.1	70.7	15.2	27.01	13.68	253.56	26.26	7.55	172.31	
13/10/2024 09:20	11.26	5.56	103.16	15.15	10.96	3.34	69.39	15.21	27.23	13.45	249.4	26.78	8.15	169.53	
13/10/2024 09:25	10.53	5.29	105.24	15.13	11.28	3.67	69.64	15.22	25.36	12.75	253.54	27.59	8.98	170.29	
13/10/2024 09:30	10.64	5.43	105.14	15.13	10.69	3.12	70.68	15.19	25.62	13.07	253.28	26.03	7.6	172.1	
13/10/2024 09:35	10.76	5.41	103.83	15.13	11.38	3.45	69.76	15.19	25.93	13.04	250.14	27.71	8.4	169.82	
13/10/2024 09:40	10.67	5.19	104.83	15.12	11.72	3.74	70.95	15.19	25.65	12.47	251.96	28.52	9.09	172.69	
13/10/2024 09:45	10.75	5.69	105.08	15.13	11.13	3.34	70.94	15.17	25.89	13.69	252.98	27.01	8.1	172.17	
13/10/2024 09:50	10.73	5.58	103.6	15.13	10.91	3.1	69.99	15.17	25.83	13.44	249.41	26.48	7.52	169.92	
13/10/2024 09:55	10.76	5.38	104.96	15.11	11.11	3.06	69.16	15.18	25.86	12.91	252.13	26.97	7.44	167.91	
13/10/2024 10:00	10.83	5.44	105.35	15.12	10.73	2.99	70.7	15.16	26.03	13.08	253.19	26	7.24	171.28	
13/10/2024 10:05	10.87	5.47	103.95	15.12	11.05	3.26	69.49	15.17	26.13	13.14	249.82	26.8	7.92	168.57	
13/10/2024 10:10	10.62	5.15	105.15	15.1	11.36	3.52	69.67	15.17	25.44	12.34	251.88	27.56	8.53	169.02	
13/10/2024 10:15	10.67	5.36	104.61	15.1	11.04	3.28	71.14	15.15	25.57	12.84	250.67	26.69	7.92	172.02	
13/10/2024 10:20	10.65	5.3	102.69	15.1	10.64	2.86	69.57	15.15	25.52	12.69	246.03	25.73	6.92	168.16	
13/10/2024 10:25	10.54	5.19	105.17	15.09	10.34	2.81	70.14	15.15	25.22	12.42	251.55	24.98	6.8	169.42	
13/10/2024 10:30	10.92	5.49	104.83	15.09	11	3.29	71.13	15.14	26.15	13.14	251	26.56	7.94	171.69	
13/10/2024 10:35	11.07	5.47	103.34	15.1	10.89	3.07	69.75	15.15	26.5	13.09	247.45	26.3	7.41	168.49	
13/10/2024 10:40	10.69	5.33	105.04	15.08	11.23	3.6	69.03	15.15	25.54	12.74	250.96	27.16	8.69	166.88	
13/10/2024 10:45	10.9	5.13	104.67	15.08	10.85	3.06	70.06	15.13	26.02	12.26	249.96	26.16	7.38	168.81	
13/10/2024 10:50	11.02	5.1	103.09	15.08	11.05	3.09	69.07	15.14	26.33	12.18	246.21	26.7	7.47	166.81	
13/10/2024 10:55	10.69	5.17	105.39	15.07	11.53	3.33	69.19	15.15	25.52	12.34	251.45	27.87	8.05	167.21	
13/10/2024 11:00	10.45	5.27	105.66	15.08	11.26	3.25	69.82	15.14	24.98	12.6	252.5	27.17	7.85	168.38	
13/10/2024 11:05	10.5	5.23	104.13	15.09	10.98	3.02	69.5	15.14	25.1	12.51	248.9	26.51	7.3	167.75	
13/10/2024 11:10	10.68	5.14	104.66	15.07	11.31	3.38	70.2	15.14	25.49	12.27	249.73	27.31	8.15	169.48	
13/10/2024 11:15	10.83	5.64	105.46	15.09	11.49	3.49	69.97	15.14	25.91	13.48	252.23	27.72	8.41	168.81	
13/10/2024 11:20	10.7	5.45	103.76	15.09	10.71	2.66	68.76	15.14	25.59	13.03	248.1	25.82	6.41	165.82	
13/10/2024 11:25	10.6	5.12	103.8	15.08	10.44	2.38	68.53	15.13	25.3	12.22	247.79	25.16	5.73	165.22	
13/10/2024 11:30	11.16	5.64	104.33	15.08	11.26	3.04	69.24	15.13	26.63	13.47	249.05	27.12	7.31	166.74	
13/10/2024 11:35	11.15	5.58	103.16	15.08	10.71	2.54	68.68	15.12	26.62	13.31	246.26	25.76	6.12	165.27	
13/10/2024 11:40	10.84	5.25	104.89	15.07	10.47	2.85	69.42	15.13	25.82	12.51	249.93	25.21	6.85	167.18	
13/10/2024 11:45	11.2	5.39	104.66	15.07	11.27	3.2	70.62	15.11	26.72	12.87	249.61	27.07	7.69	169.64	
13/10/2024 11:50	11.25	5.24	102.81	15.07	10.59	2.46	68.44	15.11	26.83	12.5	245.22	25.44	5.9	164.38	
13/10/2024 11:55	10.89	5.16	104.08	15.06	11.11	2.85	68.33	15.12	25.9	12.27	247.53	26.7	6.84	164.24	
13/10/2024 12:00	10.75	5.23	105.03	15.06	10.99	2.92	70.4	15.11	25.58	12.45	249.91	26.38	7.02	168.95	
13/10/2024 12:05	10.7	5.16	103.57	15.06	10.7	2.79	69.05	15.12	25.48	12.29	246.51	25.73	6.72	165.97	
13/10/2024 12:10	10.76	5.13	104.58	15.05	11.31	2.99	68.16	15.12	25.54	12.19	248.38	27.21	7.18	163.91	
13/10/2024 12:15	10.72	4.98	104.5	15.05	10.96	2.93	70.13	15.11	25.46	11.84	248.26	26.32	7.04	168.39	
13/10/2024 12:20	10.81	4.93	103.37	15.05	11.08	3.03	69.66	15.13	25.7	11.73	245.76	26.67	7.29	167.76	
13/10/2024 12:25	10.65	5.03	105.63	15.07	11.05	2.99	69.31	15.13	25.4	11.99	251.77	26.62			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/10/2024 14:15	10.83	4.73	104.03	15.04	11.15	3	70.4	15.1	25.67	11.22	246.61	26.7	7.17	168.58	
13/10/2024 14:20	10.96	4.72	102.2	15.04	11.26	2.88	68.97	15.11	26.02	11.21	242.49	27.03	6.91	165.56	
13/10/2024 14:25	10.87	5.02	104.55	15.04	11.72	3.06	68.75	15.11	25.78	11.91	247.92	28.13	7.35	165.03	
13/10/2024 14:30	10.76	5.02	104.72	15.04	11.32	3	70.06	15.1	25.54	11.91	248.49	27.13	7.18	167.89	
13/10/2024 14:35	10.81	4.98	103.3	15.04	11.14	2.89	69.01	15.11	25.66	11.81	245.19	26.73	6.92	165.53	
13/10/2024 14:40	10.67	4.95	104.57	15.04	11.3	3.13	69.39	15.11	25.3	11.74	247.86	27.1	7.5	166.48	
13/10/2024 14:45	10.71	5.12	105.57	15.05	11.33	3.15	70.12	15.1	25.45	12.16	250.8	27.17	7.55	168.08	
13/10/2024 14:50	10.67	4.95	104.29	15.05	10.97	2.8	69.21	15.11	25.36	11.77	247.88	26.35	6.72	166.27	
13/10/2024 14:55	10.64	4.9	104.31	15.05	11.14	2.8	69.63	15.11	25.31	11.64	248.05	26.76	6.72	167.22	
13/10/2024 15:00	10.84	5.24	104.28	15.07	11.41	3.14	69.87	15.12	25.82	12.48	248.44	27.42	7.54	167.86	
13/10/2024 15:05	10.81	5.08	102.36	15.07	10.71	2.34	68.47	15.12	25.78	12.1	244.01	25.75	5.63	164.58	
13/10/2024 15:10	10.84	5.12	104.85	15.07	11.05	2.55	68.67	15.13	25.84	12.21	249.92	26.59	6.13	165.29	
13/10/2024 15:15	10.94	5.3	105.13	15.07	11.11	2.77	69.68	15.12	26.09	12.64	250.8	26.72	6.66	167.51	
13/10/2024 15:20	10.96	5.2	103.26	15.08	11.04	2.67	67.12	15.13	26.16	12.4	246.47	26.62	6.44	161.79	
13/10/2024 15:25	11.07	4.84	102.24	15.08	11.53	3.02	66.84	15.14	26.44	11.56	244.15	27.83	7.28	161.32	
13/10/2024 15:30	11.04	4.88	102.42	15.08	11.13	2.82	68.96	15.13	26.38	11.66	244.78	26.85	6.81	166.22	
13/10/2024 15:35	11.03	4.86	101.36	15.09	11.47	3.14	68.07	15.15	26.36	11.61	242.32	27.72	7.59	164.48	
13/10/2024 15:40	10.74	5	104.5	15.09	11.41	2.85	68.28	15.14	25.68	11.95	249.93	27.53	6.87	164.79	
13/10/2024 15:45	10.8	5.45	105.64	15.1	10.94	2.8	70.19	15.14	25.89	13.06	253.16	26.42	6.77	169.43	
13/10/2024 15:50	10.84	5.37	104.09	15.1	11	2.78	69.04	15.15	26	12.88	249.54	26.62	6.72	167.03	
13/10/2024 15:55	10.7	5.15	105.35	15.1	11.3	2.67	68.69	15.16	25.65	12.35	252.47	27.34	6.47	166.23	
13/10/2024 16:00	10.83	5.12	105.4	15.1	11.06	2.83	70.55	15.15	25.96	12.28	252.74	26.74	6.85	170.53	
13/10/2024 16:05	10.96	5.13	104.87	15.11	11.32	3.3	70.17	15.17	26.31	12.32	251.62	27.48	8.01	170.31	
13/10/2024 16:10	10.58	5.06	106.71	15.11	11.39	3.52	70.86	15.18	25.39	12.13	256.01	27.68	8.55	172.18	
13/10/2024 16:15	10.95	5.19	105.77	15.12	11.25	3.3	71.55	15.17	26.35	12.5	254.47	27.31	8.01	173.62	
13/10/2024 16:20	11.02	5.14	104.4	15.13	10.96	3	70.64	15.18	26.51	12.37	251.28	26.63	7.29	171.66	
13/10/2024 16:25	10.54	5.2	106.44	15.12	10.2	2.8	70.73	15.18	25.34	12.51	256.04	24.79	6.8	171.88	
13/10/2024 16:30	11.2	5.61	106.59	15.13	10.56	2.99	74.09	15.18	26.98	13.51	256.74	25.64	7.25	179.89	
13/10/2024 16:35	11.18	5.54	105.93	15.13	10.88	3.16	72.29	15.19	26.93	13.34	255.2	26.49	7.69	176.04	
13/10/2024 16:40	10.66	5.29	106.87	15.13	10.72	3	71.03	15.19	25.66	12.73	257.35	26.09	7.31	172.88	
13/10/2024 16:45	10.95	5.44	106.97	15.13	10.73	2.89	72.07	15.18	26.4	13.12	257.88	26.07	7.03	175.15	
13/10/2024 16:50	10.96	5.29	104.66	15.14	11.33	3.35	70.57	15.2	26.44	12.74	252.39	27.6	8.16	171.97	
13/10/2024 16:55	10.59	5.21	106.69	15.13	10.59	2.74	69.83	15.19	25.52	12.55	257.14	25.78	6.66	169.91	
13/10/2024 17:00	11.24	5.66	106.03	15.14	11.04	3.11	71.19	15.19	27.13	13.67	255.95	26.85	7.57	173.15	
13/10/2024 17:05	11.46	5.47	102.8	15.14	11.16	3.15	70.77	15.19	27.64	13.18	247.94	27.18	7.68	172.33	
13/10/2024 17:10	12.42	4.75	97.77	15.09	11.09	3.27	71.39	15.2	29.71	11.37	233.87	27.03	7.96	173.95	
13/10/2024 17:15	12.46	4.88	97.79	15.09	11.19	3.28	72.42	15.18	29.79	11.68	233.88	27.2	7.97	175.97	
13/10/2024 17:20	12.48	5	96.94	15.09	11.51	3.61	71.29	15.2	29.88	11.96	232.02	28.09	8.8	173.87	
13/10/2024 17:25	12.41	4.67	98.1	15.09	12.28	4.47	72	15.21	29.7	11.18	234.8	30.01	10.93	175.96	
13/10/2024 17:30	12.67	4.8	97.74	15.1	11.53	3.62	72.06	15.2	30.35	11.5	234.2	28.1	8.83	175.63	
13/10/2024 17:35	12.53	4.91	97.77	15.11	12.03	3.2	66.04	15.18	30.07	11.78	234.65	29.25	7.77	160.53	
13/10/2024 17:40	10.59	5.35	107.78	15.14	12.41	3.24	64.33	15.17	25.56	12.92	260.09	30.09	7.85	156.02	
13/10/2024 17:45	11.17	5.95	108.91	15.15	12.26	3.08	66.31	15.17	27.01	14.4	263.39	29.71	7.47	160.77	
13/10/2024 17:50	11.32	5.87	107.84	15.15	12.58	3.08	64.9	15.18	27.38	14.18	260.74	30.54	7.49	157.59	
13/10/2024 17:55	10.83	5.4	106.49	15.15	12.2	2.81	65.03	15.17	26.17	13.05	257.28	29.62	6.83	157.85	
13/10/2024 18:00	10.93	5.49	105.63	15.15	12.07	2.86	65.83	15.17	26.42	13.26	255.36	29.29	6.95	159.69	
13/10/2024 18:05	11.18	5.43	103.6	15.15	12.62	3.27	65.08	15.19	27.04	13.13	250.49	30.72	7.97	158.48	
13/10/2024 18:10	10.75	5.23	105.56	15.14	12.55	3.28	66.63	15.21	25.97	12.63	254.89	30.63	8.01	162.65	
13/10/2024 18:15	10.94	5.81	106.59	15.16	11.68	3.29	69.4	15.21	26.49	14.08	258.13	28.52	8.02	169.41	
13/10/2024 18:20	10.98	5.77	104.78	15.16	11.57	3.33	69.92	15.21	26.6	13.98	253.74	28.26	8.15	170.86	
13/10/2024 18:25	10.88	5.26	105.48	15.15	11.34	3.35	70.09	15.21	26.28	12.71	254.85	27.72	8.18	171.31	
13/10/2024 18:30	11.41	5.74	105.52	15.15	11.38	3.23	70.36	15.2	27.57	13.88	255	27.75	7.86	171.51	
13/10/2024 18:35	11.52	5.68	104.07	15.15	11.66	3.31	69.17	15.21	27.84	13.73	251.54	28.46	8.07	168.83	
13/10/2024 18:40	10.93	5.35	105.26	15.14	12.17	3.45	68.92	15.21	26.37	12.92	253.98	29.71	8.43	168.26	
13/10/2024 18:45	11.13	5.49	106.11	15.14	11.32	3.05	71.45	15.19	26.88	13.27	256.22	27.56	7.41	173.89	
13/10/2024 18:50	11.25	5.46	104.64	15.15	11.59	3.5	69.28	15.21	27.19	13.2	252.8	28.32	8.54	169.22	
13/10/2024 18:55	10.81	5.25	106.23	15.14	11.44	3.61	69.19	15.21	26.1	12.68	256.43	27.94	8.82	169	
13/10/2024 19:00	10.73	5.6	105.68	15.15	11.4	3.39	70.76	15.2	25.94	13.55	255.48	27.8	8.26	172.57	
13/10/2024 19:05	10.8	5.57	104.18	15.15	11.53	3.39	69.1	15.21	26.11	13.48	251.93	28.15	8.28	168.76	
13/10/2024 19:10	10.88	5.35	106.03	15.14	11.69	3.35	68.36	15.2	26.26	12.91	256.04	28.52	8.16	166.84	
13/10/2024 19:15	11.2	5.68	106.19	15.15	11.33	3.19	70.29	15.2	27.09	13.74	256.86	27.61	7.78	171.3	
13/10/2024 19:20	11.25	5.59	104.15	15.16	11.64	3.33	69.21	15.21	27.23	13.52	252.02	28.43	8.13	168.98	
13/10/2024 19:25	11.03	5.37	105.99	15.14	11.77	3.56	69.67	15.21	26.64	12.97	255.97	28.75	8.71	170.23	
13/10/2024 19:30	11.18	5.63	106.46	15.15	11.38	3.16	70.6	15.2	27.01	13.59	257.16	27.75	7.69	172.01	
13/10/2024 19:35	11.35	5.56	104.65	15.15	11.68	3.45	69.37	15.21	27.44	13.44	252.89	28.51	8.43	169.4	
13/10/2024 19:40	10.81	5.25	105.51	15.14	11.92	3.38	68.44	15.21	26.07	12.67	254.47	29.1	8.24	167.07	
13/10/2024 19:45	11.14	5.77	106.47	15.15	11.46	3.32	71.23	15.2	26.92	13.94	257.37	27.95	8.09	173.68	
13/10/2024 19:50	11.23	5.73	105.02	15.15	11.55	3.27	69.61	15.21	27.17	13.85	253.99	28.19	7.99	169.91	
13/10/2024 19:55	10.75	5.42	105.95	15.15	11.63	3.27	69.8	15.2	25.96	13.1	255.96	28.36	7.97	170.3	
13/10/2024 20:00	11.39	5.75	106.38	15.15	11.31	3.16	71.05	15.19	27.51	13.89	257.01	27.54	7.68	173	
13/10/2024 20:05	11.42	5.65	104.73	15.15	11.54	3.37	69.95	15.2	27.61	13.65	253.06	28.16	8.23	170.67	
13/10/2024 20:10	10.85	5.42	106.58	15.14	11.53	3.38	70.27	15.2	26.18	13.07	257.12	28.14	8.24	171.49	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
13/10/2024 22:00	11	6.1	109.97	15.15	10.91	3.47	73.57	15.19	26.6	14.73	265.81	26.58	8.47	179.2	
13/10/2024 22:05	11.05	6.01	108.5	15.15	10.92	3.46	72.49	15.2	26.7	14.54	262.3	26.62	8.44	176.78	
13/10/2024 22:10	10.42	5.77	110.18	15.14	10.78	3.49	73.2	15.2	25.16	13.93	266.04	26.3	8.5	178.56	
13/10/2024 22:15	10.89	5.97	110.4	15.15	10.75	3.37	74.64	15.2	26.32	14.44	266.82	26.2	8.21	181.83	
13/10/2024 22:20	10.94	5.96	109.19	15.15	11.2	3.71	74.01	15.21	26.44	14.4	264.01	27.34	9.05	180.76	
13/10/2024 22:25	10.54	5.58	108.72	15.14	11.36	3.92	74.28	15.21	25.45	13.47	262.45	27.76	9.59	181.54	
13/10/2024 22:30	10.63	5.79	109.3	15.15	10.83	3.44	75.53	15.2	25.68	14	264.01	26.41	8.39	184.08	
13/10/2024 22:35	10.8	5.83	108.98	15.15	11.42	3.66	72.58	15.21	26.1	14.09	263.31	27.89	8.94	177.27	
13/10/2024 22:40	10.31	5.61	110.18	15.14	11.52	3.69	73.05	15.21	24.89	13.54	266.06	28.11	9.01	178.33	
13/10/2024 22:45	10.75	6.06	110.04	15.16	11.13	3.5	74.37	15.2	26.03	14.68	266.49	27.15	8.53	181.39	
13/10/2024 22:50	10.82	6	108.2	15.16	10.99	3.46	72.8	15.21	26.22	14.54	262.12	26.84	8.44	177.75	
13/10/2024 22:55	10.47	5.74	109.98	15.15	11.25	3.35	71.45	15.21	25.31	13.87	265.95	27.46	8.17	174.44	
13/10/2024 23:00	10.98	5.87	109.5	15.16	11.14	3.31	73.08	15.2	26.58	14.21	265.1	27.19	8.07	178.32	
13/10/2024 23:05	11.06	5.84	107.83	15.16	11.39	3.41	71.22	15.22	26.78	14.13	261.16	27.87	8.35	174.22	
13/10/2024 23:10	10.59	5.55	108.16	15.15	11.78	3.77	71.13	15.22	25.61	13.42	261.66	28.84	9.22	174.11	
13/10/2024 23:15	10.83	5.76	108.72	15.16	11.04	3.54	73.89	15.21	26.21	13.95	263.13	26.97	8.64	180.47	
13/10/2024 23:20	10.94	5.7	107.03	15.16	11.35	3.79	73.6	15.22	26.48	13.81	259.07	27.76	9.26	180.04	
13/10/2024 23:25	10.44	5.58	108.99	15.15	11.25	3.63	72.75	15.21	25.25	13.48	263.44	27.48	8.86	177.7	
13/10/2024 23:30	10.82	6.12	109.28	15.16	10.97	3.53	74.47	15.21	26.19	14.81	264.59	26.78	8.62	181.75	
13/10/2024 23:35	10.93	6.1	108.18	15.16	11.02	3.56	73.83	15.21	26.47	14.77	261.91	26.91	8.71	180.36	
13/10/2024 23:40	10.43	5.74	109.77	15.15	11	3.56	74.05	15.21	25.23	13.88	265.4	26.87	8.71	180.87	
13/10/2024 23:45	10.75	6.02	110.22	15.15	10.87	3.5	74.71	15.2	26	14.57	266.63	26.51	8.53	182.18	
13/10/2024 23:50	10.84	6.01	108.79	15.16	11.07	3.68	74.25	15.22	26.24	14.55	263.25	27.07	9	181.63	
13/10/2024 23:55	10.49	5.79	109.96	15.16	10.89	3.86	74.44	15.22	25.4	14.02	266.14	26.67	9.46	182.27	
14/10/2024 00:00	10.53	5.89	109.13	15.16	10.69	3.44	73.91	15.21	25.51	14.26	264.32	26.13	8.39	180.59	
14/10/2024 00:05	10.58	5.93	107.14	15.16	11.11	3.81	73.57	15.23	25.62	14.36	259.49	27.22	9.32	180.26	
14/10/2024 00:10	10.24	5.74	110.46	15.15	11.3	3.96	73.78	15.23	24.74	13.88	266.96	27.67	9.69	180.72	
14/10/2024 00:15	10.8	6.12	111.55	15.16	10.61	3.63	76.62	15.22	26.16	14.83	270.16	25.95	8.89	187.34	
14/10/2024 00:20	10.99	6.13	109.69	15.16	11.09	3.78	74.58	15.23	26.62	14.86	265.76	27.19	9.27	182.82	
14/10/2024 00:25	10.26	5.77	110.48	15.16	11.45	3.78	74.08	15.23	24.83	13.98	267.45	28.07	9.27	181.54	
14/10/2024 00:30	10.68	6.16	110.02	15.17	10.9	3.53	74.09	15.22	25.9	14.95	266.86	26.68	8.65	181.34	
14/10/2024 00:35	10.63	6.08	108.35	15.17	10.94	3.56	72.41	15.23	25.8	14.74	262.88	26.83	8.72	177.49	
14/10/2024 00:40	10.56	5.72	108.85	15.16	10.94	3.61	71.95	15.23	25.58	13.87	263.72	26.81	8.85	176.38	
14/10/2024 00:45	11.12	6.04	108.31	15.17	10.73	3.37	73.48	15.22	26.99	14.67	262.86	26.26	8.24	179.76	
14/10/2024 00:50	11.15	5.99	107.17	15.17	11.15	3.57	72.32	15.23	27.06	14.55	260.19	27.35	8.75	177.37	
14/10/2024 00:55	10.7	5.73	108.88	15.16	11.22	3.74	72.11	15.23	25.92	13.89	263.81	27.52	9.17	176.91	
14/10/2024 01:00	10.7	5.91	109.3	15.17	10.71	3.43	73.6	15.23	25.95	14.33	265.04	26.23	8.4	180.26	
14/10/2024 01:05	10.77	5.81	107.72	15.17	11.24	3.75	72.95	15.24	26.15	14.1	261.45	27.59	9.21	179.11	
14/10/2024 01:10	10.4	5.68	109.55	15.16	11.34	3.77	73.09	15.24	25.19	13.75	265.26	27.85	9.25	179.43	
14/10/2024 01:15	10.7	5.8	108.85	15.17	10.9	3.57	74.09	15.22	25.96	14.08	264.1	26.69	8.73	181.38	
14/10/2024 01:20	10.78	5.74	107.28	15.17	11.16	3.69	72.92	15.23	26.16	13.93	260.28	27.36	9.06	178.78	
14/10/2024 01:25	10.4	5.63	109.3	15.16	11.58	3.53	71.98	15.22	25.17	13.62	264.6	28.34	8.65	176.22	
14/10/2024 01:30	10.96	6.2	109.91	15.18	11.01	3.51	74.13	15.22	26.62	15.05	266.88	26.93	8.6	181.28	
14/10/2024 01:35	11	6.14	108.32	15.18	11.1	3.59	71.96	15.23	26.72	14.91	263.1	27.2	8.79	176.4	
14/10/2024 01:40	10.63	5.75	109.26	15.17	11.2	3.77	71.81	15.23	25.79	13.96	264.97	27.47	9.24	176.09	
14/10/2024 01:45	10.95	6.03	109.03	15.17	10.93	3.54	74.37	15.22	26.58	14.63	264.63	26.77	8.66	182.04	
14/10/2024 01:50	11.09	6.02	108.41	15.17	10.89	3.6	73.1	15.23	26.93	14.6	263.18	26.71	8.83	179.31	
14/10/2024 01:55	10.44	5.78	108.87	15.16	10.97	3.78	73.31	15.24	25.3	13.99	263.78	26.93	9.29	179.96	
14/10/2024 02:00	10.75	5.98	109.39	15.17	10.47	3.3	74.79	15.22	26.08	14.51	265.29	25.63	8.09	183.1	
14/10/2024 02:05	10.89	5.94	107.81	15.17	11.34	3.83	73.31	15.24	26.44	14.41	261.66	27.82	9.41	179.89	
14/10/2024 02:10	10.44	5.77	109.62	15.16	11.38	3.92	74.13	15.24	25.29	13.98	265.6	27.92	9.63	181.96	
14/10/2024 02:15	10.69	6.08	109.25	15.17	11.09	3.76	74.23	15.23	25.92	14.74	264.91	27.17	9.21	181.84	
14/10/2024 02:20	10.77	5.98	107.5	15.17	11.18	3.75	73.14	15.23	26.13	14.5	260.72	27.42	9.19	179.33	
14/10/2024 02:25	10.61	5.74	108.76	15.17	11.22	3.75	72.5	15.23	25.73	13.91	263.69	27.49	9.19	177.63	
14/10/2024 02:30	10.75	6.25	109.17	15.18	10.94	3.58	73.13	15.22	26.13	15.2	265.34	26.8	8.77	179.09	
14/10/2024 02:35	10.78	6.19	107.77	15.18	11.03	3.56	71.41	15.23	26.2	15.04	261.94	27.04	8.73	175.1	
14/10/2024 02:40	10.49	5.84	108.51	15.17	10.7	3.52	71.53	15.24	25.44	14.17	263.2	26.27	8.63	175.54	
14/10/2024 02:45	10.89	6.05	109.74	15.18	10.66	3.47	72.51	15.22	26.45	14.68	266.48	26.1	8.49	177.53	
14/10/2024 02:50	11.01	6.03	107.81	15.18	11.17	3.73	72.19	15.24	26.75	14.65	261.87	27.43	9.15	177.22	
14/10/2024 02:55	10.47	5.8	108.68	15.17	11.36	3.69	72.23	15.24	25.39	14.08	263.58	27.9	9.06	177.41	
14/10/2024 03:00	10.68	6.08	108.96	15.17	10.7	3.39	72.28	15.22	25.91	14.74	264.25	26.22	8.3	177	
14/10/2024 03:05	10.69	6.07	107.56	15.17	11.01	3.82	72.39	15.24	25.93	14.71	260.83	27.02	9.38	177.69	
14/10/2024 03:10	10.5	5.81	109.03	15.16	10.91	3.85	72.3	15.23	25.41	14.07	263.89	26.76	9.43	177.37	
14/10/2024 03:15	10.57	6.06	108.6	15.16	10.53	3.72	75.36	15.22	25.61	14.7	263.21	25.78	9.12	184.43	
14/10/2024 03:20	10.64	5.97	106.61	15.17	11.07	3.89	74.47	15.23	25.81	14.48	258.53	27.14	9.54	182.53	
14/10/2024 03:25	10.44	5.75	108.8	15.16	11.17	3.77	73.58	15.22	25.27	13.91	263.33	27.36	9.23	180.17	
14/10/2024 03:30	10.79	6.1	108.39	15.18	10.89	3.63	74.13	15.22	26.21	14.82	263.33	26.67	8.89	181.41	
14/10/2024 03:35	10.81	6.01	106.72	15.18	11.06	3.76	73.88	15.24	26.27	14.62	259.38	27.17	9.22	181.44	
14/10/2024 03:40	10.43	5.81	108.25	15.18	11.22	3.75	73.48	15.24	25.34	14.1	262.88	27.55	9.21	180.49	
14/10/2024 03:45	11.1	6.16	108.92	15.18	10.58	3.46	74.69	15.23	26.98	14.97	264.81	25.94	8.47	183.04	
14/10/2024 03:50	11.1	6.05	107.46	15.19	11.03	3.69	73.31	15.24	27.01	14.72	261.36	27.09	9.05	180.02	
14/10/2024 03:55	10.6	5.85	107.89	15.17	10.97	3.77	74.88	15.25	25.71	14.19	261.69	26.96	9.26	184	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
14/10/2024 05:45	10.77	6.23	108.59	15.19	10.82	3.66	74.36	15.24	26.19	15.15	264.16	26.56	8.98	182.46	
14/10/2024 05:50	10.88	6.2	106.09	15.19	10.91	3.83	73.86	15.25	26.46	15.09	258.07	26.83	9.42	181.65	
14/10/2024 05:55	10.38	5.85	108.19	15.17	11.09	3.94	74.97	15.25	25.2	14.21	262.58	27.3	9.69	184.49	
14/10/2024 06:00	10.64	6.1	108.86	15.18	10.54	3.6	75.1	15.23	25.84	14.83	264.4	25.86	8.83	184.14	
14/10/2024 06:05	10.69	6.07	107.11	15.18	10.81	3.82	73.43	15.24	25.97	14.75	260.26	26.56	9.38	180.44	
14/10/2024 06:10	10.21	5.86	109.03	15.17	10.83	3.85	72.78	15.24	24.75	14.22	264.31	26.6	9.45	178.81	
14/10/2024 06:15	10.76	6.22	110.05	15.17	10.46	3.61	74.18	15.23	26.09	15.08	266.88	25.65	8.86	181.91	
14/10/2024 06:20	10.91	6.11	108.15	15.17	10.84	3.94	74.14	15.25	26.48	14.84	262.46	26.66	9.69	182.26	
14/10/2024 06:25	10.17	5.86	109.92	15.16	10.52	3.91	74.36	15.24	24.63	14.2	266.28	25.84	9.6	182.74	
14/10/2024 06:30	10.53	6.21	109.71	15.17	10.22	3.67	75.69	15.23	25.57	15.07	266.27	25.08	8.99	185.62	
14/10/2024 06:35	10.66	6.15	107.94	15.17	10.88	3.8	73.35	15.24	25.87	14.93	261.98	26.72	9.34	180.22	
14/10/2024 06:40	10.33	5.8	108.9	15.17	11.11	3.81	72.52	15.24	25.04	14.06	264	27.27	9.36	178.01	
14/10/2024 06:45	10.81	6.34	109.91	15.18	10.66	3.56	74.71	15.23	26.27	15.41	267.02	26.13	8.72	183.08	
14/10/2024 06:50	10.85	6.3	109.16	15.18	10.66	3.75	73.75	15.24	26.36	15.31	265.25	26.18	9.22	181.16	
14/10/2024 06:55	10.45	5.97	109.37	15.17	10.33	3.91	72.84	15.24	25.36	14.49	265.42	25.37	9.6	178.91	
14/10/2024 07:00	10.35	6.11	109.44	15.17	10.3	3.63	74.54	15.23	25.12	14.82	265.67	25.25	8.91	182.78	
14/10/2024 07:05	10.38	6.1	108.16	15.18	10.95	3.84	72.95	15.25	25.21	14.82	262.7	26.95	9.44	179.54	
14/10/2024 07:10	10.3	5.81	109.03	15.17	11.14	3.99	73.05	15.25	24.99	14.1	264.54	27.4	9.8	179.66	
14/10/2024 07:15	10.75	6.04	108.37	15.17	10.67	3.64	74.23	15.22	26.07	14.66	262.92	26.11	8.91	181.62	
14/10/2024 07:20	10.85	6	106.84	15.17	11.06	3.86	72.4	15.22	26.33	14.55	259.26	27.05	9.45	177.11	
14/10/2024 07:25	10.25	5.76	108.7	15.16	11.42	3.75	71.95	15.21	24.84	13.95	263.34	27.92	9.17	175.9	
14/10/2024 07:30	10.54	6.24	109.33	15.17	10.87	3.82	74.51	15.21	25.58	15.16	265.37	26.56	9.33	182.09	
14/10/2024 07:35	10.68	6.21	107.75	15.17	10.79	3.65	72.8	15.21	25.91	15.07	261.53	26.37	8.92	177.87	
14/10/2024 07:40	10.25	5.82	108.39	15.16	11.02	3.53	71.36	15.21	24.84	14.09	262.59	26.89	8.63	174.21	
14/10/2024 07:45	10.83	6.31	109.53	15.17	10.66	3.57	73.62	15.2	26.29	15.32	265.87	26.01	8.7	179.6	
14/10/2024 07:50	10.91	6.23	107.97	15.17	10.95	3.77	73.2	15.21	26.48	15.13	262.05	26.73	9.21	178.75	
14/10/2024 07:55	10.31	5.85	108.36	15.16	11.38	3.91	74.52	15.21	24.94	14.14	262.18	27.8	9.55	182.11	
14/10/2024 08:00	10.9	6.05	108.23	15.15	10.76	3.54	73.81	15.2	26.38	14.63	261.81	26.22	8.63	179.89	
14/10/2024 08:05	11	6.01	106.88	15.15	11.05	3.88	73.25	15.2	26.62	14.55	258.56	26.95	9.46	178.61	
14/10/2024 08:10	10.24	5.76	109.22	15.15	11.2	3.91	74.16	15.2	24.74	13.91	263.83	27.33	9.53	180.89	
14/10/2024 08:15	10.91	6.09	108.97	15.15	10.96	3.78	75.2	15.2	26.41	14.74	263.64	26.73	9.21	183.28	
14/10/2024 08:20	11.1	6.05	107.6	15.15	10.71	3.57	73.24	15.19	26.85	14.63	260.29	26.08	8.7	178.34	
14/10/2024 08:25	10.18	5.88	110.32	15.14	10.75	3.63	72.36	15.19	24.57	14.2	266.35	26.15	8.82	176.02	
14/10/2024 08:30	10.32	6.14	109.92	15.15	10.67	3.65	74.43	15.18	24.93	14.83	265.52	25.93	8.87	180.8	
14/10/2024 08:35	10.32	6.06	108.45	15.14	10.62	3.55	73.79	15.18	24.91	14.64	261.92	25.8	8.63	179.34	
14/10/2024 08:40	10.08	5.87	110.3	15.13	10.53	3.56	72.98	15.18	24.27	14.14	265.61	25.6	8.66	177.4	
14/10/2024 08:45	10.4	6.1	111.09	15.13	10.36	3.59	75.39	15.18	25.05	14.7	267.62	25.15	8.71	183.1	
14/10/2024 08:50	10.53	6.03	109.06	15.13	10.94	3.77	73.91	15.18	25.39	14.53	262.84	26.6	9.18	179.73	
14/10/2024 08:55	10.02	5.84	110.75	15.13	10.78	3.77	74.73	15.18	24.13	14.06	266.79	26.2	9.16	181.65	
14/10/2024 09:00	10.32	6.23	110.56	15.14	10.5	3.68	76.14	15.17	24.9	15.04	266.72	25.48	8.93	184.79	
14/10/2024 09:05	10.42	6.16	109.28	15.14	10.86	3.58	73.56	15.17	25.13	14.85	263.56	26.35	8.67	178.45	
14/10/2024 09:10	10.13	5.87	109.79	15.13	11.36	3.8	73.44	15.18	24.4	14.13	264.4	27.58	9.22	178.3	
14/10/2024 09:15	10.53	5.86	108.7	15.12	10.43	3.37	74.78	15.17	25.34	14.11	261.61	25.28	8.16	181.34	
14/10/2024 09:20	10.76	5.83	107.18	15.12	10.85	3.57	72.07	15.17	25.91	14.04	257.96	26.32	8.67	174.84	
14/10/2024 09:25	10.2	5.64	108.88	15.11	11.25	3.74	71.66	15.17	24.5	13.55	261.49	27.28	9.06	173.74	
14/10/2024 09:30	10.5	6.07	109.28	15.12	10.78	3.6	73.28	15.16	25.25	14.61	262.87	26.11	8.73	177.46	
14/10/2024 09:35	10.6	6.05	108.45	15.12	10.89	3.5	73.13	15.16	25.49	14.56	260.87	26.36	8.46	177.01	
14/10/2024 09:40	10.14	5.84	109.89	15.11	11.17	3.45	72.48	15.15	24.35	14.01	263.82	27.01	8.35	175.27	
14/10/2024 09:45	10.77	6.22	110.89	15.11	10.73	3.55	75.05	15.15	25.88	14.94	266.36	25.93	8.59	181.42	
14/10/2024 09:50	10.68	6.12	108.8	15.11	10.16	3.39	74.34	15.15	25.65	14.69	261.31	24.57	8.18	179.7	
14/10/2024 09:55	10.17	5.81	110.01	15.1	9.83	3.24	74.11	15.15	24.37	13.92	263.58	23.76	7.82	179.2	
14/10/2024 10:00	10.36	5.84	110.1	15.1	10.2	3.35	75.13	15.14	24.8	13.99	263.65	24.63	8.08	181.34	
14/10/2024 10:05	10.31	5.77	108.78	15.1	10.71	3.68	74.14	15.14	24.7	13.82	260.48	25.85	8.89	178.93	
14/10/2024 10:10	10.15	5.7	110.59	15.08	10.63	3.35	74.41	15.14	24.26	13.62	264.26	25.62	8.07	179.43	
14/10/2024 10:15	10.41	5.99	110.83	15.09	10.54	3.54	75.41	15.13	24.93	14.33	265.33	25.4	8.52	181.69	
14/10/2024 10:20	10.4	5.87	109.44	15.09	10.76	3.44	74.39	15.12	24.89	14.05	261.84	25.87	8.27	178.92	
14/10/2024 10:25	10.26	5.71	110.02	15.07	10.61	3.24	74.25	15.11	24.47	13.63	262.4	25.48	7.77	178.33	
14/10/2024 10:30	10.51	6.13	110.67	15.08	10.92	3.7	75.41	15.11	25.09	14.63	264.15	26.23	8.89	181.16	
14/10/2024 10:35	10.64	6.02	109.07	15.08	10.24	3.01	74.26	15.1	25.41	14.36	260.36	24.56	7.21	178.1	
14/10/2024 10:40	10.27	5.77	110.05	15.07	11.05	3.66	76.25	15.11	24.49	13.76	262.31	26.53	8.79	183.13	
14/10/2024 10:45	10.28	5.71	109.99	15.07	10.61	3.39	75.97	15.11	24.48	13.61	262.01	25.47	8.15	182.26	
14/10/2024 10:50	10.33	5.74	108.55	15.07	11.04	3.71	74.54	15.12	24.61	13.68	258.63	26.55	8.92	179.21	
14/10/2024 10:55	10.14	5.74	110.97	15.06	11.63	3.81	74.36	15.12	24.16	13.68	264.33	27.97	9.18	178.88	
14/10/2024 11:00	9.86	5.75	111.25	15.06	10.64	3.59	76.83	15.11	23.48	13.69	264.92	25.55	8.62	184.45	
14/10/2024 11:05	9.98	5.73	109.51	15.06	10.71	3.37	72.84	15.11	23.77	13.65	260.8	25.71	8.1	174.88	
14/10/2024 11:10	10.19	5.4	108.24	15.06	10.78	3.33	71.78	15.11	24.26	12.87	257.72	25.87	7.99	172.26	
14/10/2024 11:15	10.86	5.72	107.51	15.07	11.16	3.48	71.99	15.11	25.92	13.66	256.52	26.8	8.35	172.83	
14/10/2024 11:20	10.91	5.55	105.53	15.07	10.53	2.67	69.63	15.11	26.03	13.24	251.78	25.27	6.41	167.02	
14/10/2024 11:25	10.74	5.59	108.3	15.07	11.03	2.89	69.52	15.11	25.6	13.32	258.03	26.47	6.94	166.78	
14/10/2024 11:30	10.51	5.75	107.98	15.07	11.21	3.47	72.11	15.11	25.05	13.7	257.34	26.9	8.32	173	
14/10/2024 11:35	10.39	5.53	106.23	15.06	10.28	2.77	72.18	15.09	24.74	13.18	253.03	24.59	6.64	172.64	
14/10/2024 11:40	10.26	5.55	109.14	15.05	9.83	2.88	72.91	15.09	24.36	13.18	259.18	23.5	6.88		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
14/10/2024 13:30	10.99	5.24	106.44	15.01	11.36	3.26	71.97	15.05	25.94	12.37	251.22	26.98	7.75	170.9	
14/10/2024 13:35	10.98	5.06	104.95	15.01	11.25	3	70.9	15.05	25.92	11.95	247.71	26.73	7.12	168.48	
14/10/2024 13:40	10.74	5.07	106.48	15	11.16	3.1	70.64	15.05	25.31	11.95	250.96	26.51	7.35	167.85	
14/10/2024 13:45	10.3	4.72	107.26	15.02	11.26	3.08	71.26	15.06	24.32	11.16	253.37	26.78	7.33	169.52	
14/10/2024 13:50	10.38	4.78	105.6	15.02	11.17	2.81	69.92	15.06	24.53	11.29	249.56	26.61	6.68	166.54	
14/10/2024 13:55	11.06	5.54	107.88	15.02	11.47	2.88	69.47	15.06	26.16	13.09	255.11	27.32	6.85	165.46	
14/10/2024 14:00	10.54	5.12	108.69	15.02	11.22	2.9	70.89	15.06	24.91	12.11	256.78	26.69	6.89	168.62	
14/10/2024 14:05	10.5	4.93	106.9	15.02	11.17	2.72	69.76	15.06	24.82	11.66	252.55	26.58	6.48	166.02	
14/10/2024 14:10	11.26	5.33	105.52	15.02	11.41	2.91	69.7	15.06	26.64	12.61	249.57	27.16	6.92	165.97	
14/10/2024 14:15	11.53	5.38	107.02	15.03	11.64	3.05	70.89	15.06	27.28	12.74	253.28	27.7	7.25	168.68	
14/10/2024 14:20	11.42	5.22	105.33	15.03	10.74	2.34	69.23	15.06	27.03	12.36	249.27	25.56	5.56	164.68	
14/10/2024 14:25	11.16	5.32	105.76	15.03	11.36	2.72	68.86	15.06	26.41	12.6	250.25	27.05	6.48	163.97	
14/10/2024 14:30	11.11	5.37	105.29	15.03	11.65	3.19	70.52	15.07	26.32	12.71	249.34	27.77	7.6	168.03	
14/10/2024 14:35	10.93	5.2	104.02	15.03	10.51	2.18	69.13	15.06	25.88	12.32	246.36	25.02	5.19	164.48	
14/10/2024 14:40	10.93	5.11	105.25	15.03	10.67	2.56	69.2	15.06	25.87	12.09	249.22	25.42	6.11	164.83	
14/10/2024 14:45	11.24	5.35	105.89	15.04	11.49	3.1	70.43	15.07	26.64	12.67	250.99	27.41	7.38	167.97	
14/10/2024 14:50	11.22	5.27	105.18	15.04	10.56	2.23	69.25	15.07	26.6	12.5	249.29	25.19	5.31	165.12	
14/10/2024 14:55	11.05	5.32	105.74	15.04	11	2.66	69.2	15.08	26.22	12.62	250.89	26.26	6.35	165.23	
14/10/2024 15:00	11	5.34	106.72	15.05	11.13	2.81	70.36	15.08	26.11	12.68	253.4	26.57	6.7	167.92	
14/10/2024 15:05	11.01	5.19	104.92	15.05	10.97	2.65	69.31	15.09	26.15	12.32	249.16	26.24	6.34	165.71	
14/10/2024 15:10	10.92	5.26	105.96	15.05	11.25	2.99	69.28	15.09	25.94	12.48	251.55	26.92	7.15	165.81	
14/10/2024 15:15	10.69	5.06	106.37	15.05	11.14	2.94	70.56	15.09	25.41	12.01	252.79	26.66	7.02	168.81	
14/10/2024 15:20	10.73	4.99	104.97	15.05	11.01	2.99	70.33	15.1	25.52	11.85	249.53	26.37	7.16	168.5	
14/10/2024 15:25	10.8	5.16	106.22	15.05	11.25	3.22	70.95	15.1	25.69	12.28	252.6	26.95	7.72	170	
14/10/2024 15:30	10.97	5.54	106.61	15.07	11.3	3.25	71.2	15.1	26.15	13.19	254.11	27.1	7.8	170.69	
14/10/2024 15:35	10.95	5.44	105	15.07	10.74	2.6	70	15.1	26.08	12.95	250.19	25.73	6.22	167.62	
14/10/2024 15:40	10.27	5.34	107.13	15.06	11.03	2.53	69.2	15.09	24.43	12.71	254.86	26.4	6.06	165.63	
14/10/2024 15:45	10.87	5.57	106.63	15.07	10.9	2.93	71.65	15.1	25.94	13.29	254.37	26.13	7.01	171.72	
14/10/2024 15:50	10.86	5.5	105.93	15.07	10.53	2.87	71.51	15.11	25.92	13.12	252.75	25.27	6.89	171.62	
14/10/2024 15:55	10.38	5.38	107.15	15.07	10.84	3.28	72.2	15.11	24.73	12.82	255.43	26.04	7.88	173.41	
14/10/2024 16:00	10.11	5.47	109.18	15.07	10.52	3.04	72.39	15.11	24.12	13.06	260.52	25.29	7.3	173.92	
14/10/2024 16:05	10.14	5.44	108.4	15.08	10.98	3.11	70.25	15.12	24.22	12.99	258.77	26.42	7.47	168.95	
14/10/2024 16:10	10.51	4.92	104.83	15.07	11.17	3.1	70.42	15.12	25.06	11.72	249.94	26.85	7.44	169.27	
14/10/2024 16:15	11.35	5.46	105.6	15.08	11.36	3.11	69.66	15.12	27.12	13.06	252.33	27.32	7.48	167.51	
14/10/2024 16:20	11.33	5.42	104.79	15.08	10.87	2.63	68.81	15.12	27.08	12.96	250.44	26.13	6.33	165.42	
14/10/2024 16:25	10.72	5.42	106.77	15.08	10.83	2.7	69.67	15.12	25.62	12.94	255.11	26.03	6.5	167.47	
14/10/2024 16:30	10.58	5.49	106.67	15.09	10.64	2.7	70.66	15.12	25.3	13.13	255.12	25.58	6.5	169.9	
14/10/2024 16:35	10.67	5.54	105.14	15.09	11.3	3.22	69.85	15.13	25.53	13.24	251.58	27.24	7.75	168.31	
14/10/2024 16:40	10.52	5.4	107.96	15.09	11.44	3.77	71.7	15.14	25.15	12.92	258.12	27.6	9.09	173.01	
14/10/2024 16:45	10.81	5.67	107.59	15.1	10.81	3.23	73.44	15.14	25.89	13.57	257.79	26.08	7.8	177.15	
14/10/2024 16:50	10.88	5.63	106.06	15.1	10.66	3.14	73.12	15.14	26.07	13.5	254.13	25.72	7.59	176.42	
14/10/2024 16:55	10.41	5.6	109.33	15.1	10.94	3.24	72.91	15.14	24.94	13.4	261.83	26.38	7.81	175.86	
14/10/2024 17:00	10.79	5.99	110.04	15.11	10.98	3.46	74.82	15.14	25.87	14.36	263.94	26.5	8.36	180.6	
14/10/2024 17:05	11.06	5.88	107.93	15.1	10.79	3.38	74.26	15.15	26.51	14.09	258.74	26.08	8.16	179.45	
14/10/2024 17:10	12	4.83	100.01	15.06	11.5	3.81	74.02	15.16	28.56	11.5	238.09	27.84	9.23	179.17	
14/10/2024 17:15	12.27	4.73	98.52	15.07	10.79	3.13	73.66	15.15	29.24	11.27	234.85	26.07	7.56	177.95	
14/10/2024 17:20	12.19	4.68	97.32	15.08	11.31	3.52	73.05	15.16	29.08	11.17	232.22	27.37	8.51	176.85	
14/10/2024 17:25	11.89	4.69	99.59	15.07	11.25	3.22	72.67	15.15	28.33	11.17	237.34	27.21	7.79	175.77	
14/10/2024 17:30	12.75	5.23	99.89	15.09	11.31	3.32	72.78	15.15	30.5	12.5	238.82	27.38	8.04	176.06	
14/10/2024 17:35	12.64	5.33	99.9	15.09	10.78	3.06	71.52	15.16	30.24	12.77	239.11	26.09	7.4	173.05	
14/10/2024 17:40	10.8	5.5	107	15.12	10.64	3.02	71.23	15.15	25.97	13.23	257.28	25.74	7.3	172.3	
14/10/2024 17:45	11.02	5.9	108.75	15.13	11.23	2.91	69.08	15.14	26.52	14.2	261.81	27.09	7.03	166.59	
14/10/2024 17:50	11.29	5.94	107.96	15.13	12.38	3.12	65.16	15.13	27.19	14.3	259.95	29.84	7.51	157.06	
14/10/2024 17:55	10.71	5.57	108.07	15.12	13.17	3.64	66.25	15.14	25.73	13.4	259.7	31.78	8.79	159.85	
14/10/2024 18:00	10.62	5.83	109.3	15.13	11.88	3.05	68.52	15.13	25.57	14.03	263.15	28.66	7.35	165.19	
14/10/2024 18:05	10.72	5.83	108.33	15.13	12.05	3.23	67.93	15.14	25.81	14.05	260.91	29.08	7.78	163.9	
14/10/2024 18:10	9.85	5.92	113.46	15.14	11.86	2.92	67.38	15.13	23.76	14.29	273.58	28.59	7.05	162.43	
14/10/2024 18:15	10.26	6.42	113.42	15.14	11.33	3.37	72.61	15.16	24.77	15.49	273.83	27.42	8.15	175.79	
14/10/2024 18:20	10.37	6.34	111.67	15.14	11.21	3.49	72.44	15.17	25.05	15.31	269.59	27.2	8.45	175.67	
14/10/2024 18:25	9.75	6.29	116.92	15.14	11.52	3.89	72.86	15.17	23.51	15.16	281.99	27.95	9.45	176.85	
14/10/2024 18:30	9.95	6.66	118.87	15.14	11.04	3.69	74.67	15.17	24.01	16.06	286.69	26.76	8.94	180.96	
14/10/2024 18:35	10.09	6.66	117.21	15.14	11.05	3.38	72.66	15.17	24.33	16.06	282.75	26.8	8.18	176.17	
14/10/2024 18:40	9.92	6.01	114.4	15.13	11.33	3.31	71.36	15.17	23.89	14.47	275.56	27.47	8.04	173.02	
14/10/2024 18:45	9.97	6.36	117.32	15.14	10.66	2.96	72	15.16	24.08	15.36	283.28	25.85	7.18	174.48	
14/10/2024 18:50	9.92	6.38	117.66	15.15	11.3	3.46	71.17	15.17	23.97	15.42	284.26	27.43	8.4	172.79	
14/10/2024 18:55	9.63	6.01	116.34	15.14	10.94	2.95	70.73	15.17	23.23	14.49	280.62	26.53	7.17	171.55	
14/10/2024 19:00	10.01	6.36	115.23	15.15	10.84	3.04	71.53	15.17	24.18	15.36	278.36	26.28	7.37	173.4	
14/10/2024 19:05	10.21	6.26	113.5	15.14	11.36	3.26	70.65	15.17	24.65	15.11	274.12	27.54	7.91	171.29	
14/10/2024 19:10	10.73	5.79	110.58	15.13	11.7	3.53	71.2	15.17	25.83	13.93	266.18	28.39	8.57	172.74	
14/10/2024 19:15	10.69	6.04	112.31	15.13	11.08	3.38	73.38	15.17	25.74	14.55	270.36	26.85	8.2	177.85	
14/10/2024 19:20	10.87	6.12	110.91	15.13	11.43	3.69	72.44	15.17	26.17	14.73	267.08	27.75	8.96	175.84	
14/10/2024 19:25	10.43	5.73	111.86	15.12	12.08	4.3	72.64	15.18	25.08	13.79	268.95	29.33	10.44	176.42	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
14/10/2024 21:15	11.01	6.04	110.86	15.13	10.95	3.39	72.75	15.17	26.54	14.56	267.19	26.55	8.22	176.44	
14/10/2024 21:20	11.07	6.03	109.64	15.14	11.15	3.57	71.39	15.18	26.7	14.54	264.34	27.1	8.67	173.51	
14/10/2024 21:25	10.57	5.81	111.42	15.13	10.97	3.63	71.34	15.18	25.46	14	268.36	26.66	8.82	173.41	
14/10/2024 21:30	10.79	6.14	112.75	15.14	11.19	3.78	73.62	15.18	26.03	14.82	272.07	27.2	9.18	178.9	
14/10/2024 21:35	10.79	6.03	111.02	15.14	11.28	3.5	72.17	15.18	26.05	14.55	267.91	27.4	8.51	175.27	
14/10/2024 21:40	10.43	5.74	110.74	15.13	10.97	3.2	72.59	15.17	25.1	13.81	266.63	26.61	7.77	176.11	
14/10/2024 21:45	10.9	6.36	112.51	15.14	10.96	3.45	73.53	15.17	26.31	15.35	271.47	26.59	8.38	178.32	
14/10/2024 21:50	10.95	6.34	111.13	15.14	11.15	3.46	72.54	15.17	26.43	15.31	268.13	27.05	8.38	175.93	
14/10/2024 21:55	10.54	5.89	111.03	15.13	11.36	3.88	72.48	15.17	25.37	14.18	267.34	27.57	9.41	175.94	
14/10/2024 22:00	10.73	5.93	110.51	15.13	11	3.31	71.06	15.17	25.84	14.28	266.08	26.66	8.03	172.25	
14/10/2024 22:05	10.94	5.93	108.89	15.13	11.81	3.63	69.41	15.18	26.35	14.28	262.26	28.69	8.81	168.61	
14/10/2024 22:10	10.63	5.63	109.9	15.13	11.61	3.97	71.03	15.18	25.6	13.57	264.64	28.22	9.65	172.65	
14/10/2024 22:15	10.7	5.97	110.08	15.14	11.37	3.75	72.58	15.18	25.82	14.41	265.77	27.66	9.13	176.47	
14/10/2024 22:20	10.72	5.91	107.96	15.14	11.35	3.49	71.53	15.18	25.89	14.28	260.71	27.58	8.47	173.87	
14/10/2024 22:25	10.63	5.7	109.62	15.13	11.63	3.66	72.25	15.18	25.61	13.73	264.14	28.25	8.89	175.56	
14/10/2024 22:30	11.07	6.27	109.35	15.14	11.29	3.53	72.84	15.18	26.73	15.13	264	27.42	8.57	176.86	
14/10/2024 22:35	11.07	6.22	107.86	15.14	11.22	3.42	71.19	15.17	26.72	15.02	260.4	27.23	8.31	172.8	
14/10/2024 22:40	10.63	5.86	110.42	15.13	10.94	3.33	70.64	15.17	25.61	14.13	266.14	26.55	8.08	171.47	
14/10/2024 22:45	10.79	5.92	110.87	15.14	10.74	3.24	72.74	15.17	26.02	14.28	267.41	26.06	7.87	176.48	
14/10/2024 22:50	11.04	5.88	108.73	15.14	11.35	3.64	71.73	15.18	26.63	14.18	262.34	27.58	8.85	174.28	
14/10/2024 22:55	10.54	5.7	110.24	15.12	12.13	3.89	71.59	15.18	25.36	13.71	265.29	29.46	9.46	173.97	
14/10/2024 23:00	10.76	5.96	110.06	15.14	11.45	3.75	72.88	15.18	25.96	14.38	265.52	27.82	9.1	177	
14/10/2024 23:05	10.86	6	108.35	15.14	11.62	3.74	71.92	15.18	26.21	14.48	261.4	28.24	9.1	174.72	
14/10/2024 23:10	10.47	5.74	110.33	15.13	12.41	4.06	72.27	15.18	25.22	13.83	265.73	30.15	9.88	175.6	
14/10/2024 23:15	10.79	6.24	110.02	15.15	11.46	3.75	73.74	15.18	26.07	15.07	265.79	27.85	9.11	179.15	
14/10/2024 23:20	10.87	6.16	108.51	15.15	11.36	3.61	71.99	15.18	26.25	14.88	262.18	27.61	8.78	175.04	
14/10/2024 23:25	10.41	5.99	111.7	15.14	11	3.49	73.22	15.19	25.13	14.45	269.53	26.76	8.48	178.11	
14/10/2024 23:30	10.95	6.07	111.05	15.14	10.74	3.35	73.89	15.18	26.43	14.65	268.08	26.09	8.14	179.52	
14/10/2024 23:35	11.08	6.06	109.22	15.14	11.26	3.73	71.63	15.18	26.76	14.63	263.72	27.39	9.07	174.22	
14/10/2024 23:40	10.49	5.78	110.32	15.13	11.31	4.19	72.95	15.19	25.28	13.92	265.84	27.54	10.2	177.61	
14/10/2024 23:45	10.65	6.09	110.63	15.15	11.15	3.97	73.89	15.19	25.72	14.72	267.27	27.15	9.67	179.89	
14/10/2024 23:50	10.74	6.06	109.15	15.15	11.22	3.59	71.62	15.19	25.97	14.64	263.8	27.32	8.73	174.34	
14/10/2024 23:55	10.52	5.66	108.51	15.14	10.97	3.49	71.88	15.19	25.39	13.67	261.98	26.7	8.48	174.94	
15/10/2024 00:00	11.11	6.24	109.86	15.15	10.81	3.37	72.87	15.18	26.88	15.1	265.78	26.3	8.19	177.17	
15/10/2024 00:05	11.16	6.2	108.65	15.15	11.09	3.49	71.25	15.19	27.01	15	262.82	27	8.5	173.38	
15/10/2024 00:10	10.63	5.9	109.82	15.14	11.45	3.83	71.45	15.19	25.66	14.24	265.09	27.89	9.33	174.01	
15/10/2024 00:15	10.72	6.14	110.09	15.15	11.18	3.56	72.91	15.19	25.89	14.84	265.97	27.2	8.66	177.35	
15/10/2024 00:20	10.77	6.11	108.46	15.15	11.23	3.58	71.8	15.19	26.03	14.76	262.07	27.33	8.72	174.81	
15/10/2024 00:25	10.6	5.79	109.02	15.14	11.78	3.86	71.64	15.19	25.59	13.98	263.19	28.69	9.4	174.46	
15/10/2024 00:30	10.45	5.88	108.7	15.15	10.67	3.17	73.37	15.18	25.24	14.2	262.64	25.94	7.71	178.36	
15/10/2024 00:35	10.47	5.8	107.21	15.15	11.08	3.71	72.48	15.19	25.3	14.03	259.11	26.99	9.03	176.51	
15/10/2024 00:40	10.39	5.62	108.15	15.14	10.69	3.44	72.89	15.18	25.06	13.55	260.92	25.99	8.36	177.26	
15/10/2024 00:45	10.78	6.09	108.16	15.15	10.88	3.63	72.81	15.19	26.08	14.74	261.58	26.47	8.82	177.12	
15/10/2024 00:50	10.9	6.05	106.88	15.15	11.31	3.67	71.51	15.18	26.37	14.64	258.47	27.52	8.93	173.92	
15/10/2024 00:55	10.48	5.82	108.76	15.14	11.83	4	71.45	15.19	25.3	14.04	262.57	28.78	9.74	173.86	
15/10/2024 01:00	10.71	6.21	110.01	15.15	11.28	3.81	73.1	15.19	25.87	15.01	265.87	27.44	9.26	177.83	
15/10/2024 01:05	10.82	6.14	109.6	15.15	11.11	3.58	71.62	15.19	26.16	14.83	264.88	27.02	8.71	174.27	
15/10/2024 01:10	10.57	5.77	108.72	15.14	11.14	3.6	71.84	15.19	25.51	13.93	262.47	27.12	8.75	174.91	
15/10/2024 01:15	10.83	5.97	108.73	15.15	10.98	3.54	73.51	15.18	26.17	14.43	262.69	26.69	8.6	178.76	
15/10/2024 01:20	10.9	5.97	107.37	15.15	11.48	3.82	71.7	15.2	26.36	14.42	259.5	27.98	9.32	174.8	
15/10/2024 01:25	10.64	5.73	108.86	15.15	11.33	3.88	72.02	15.2	25.71	13.85	262.97	27.62	9.45	175.57	
15/10/2024 01:30	11.09	6.13	110.03	15.16	11.16	3.65	72.76	15.19	26.87	14.86	266.54	27.19	8.88	177.24	
15/10/2024 01:35	11.3	6.12	108.23	15.16	11.48	3.73	71.4	15.2	27.39	14.83	262.26	27.96	9.1	173.96	
15/10/2024 01:40	10.76	5.82	108.81	15.15	11.98	4.3	72.03	15.2	26.02	14.06	263	29.22	10.48	175.61	
15/10/2024 01:45	11.18	6.33	109.85	15.15	11.53	3.87	72.71	15.19	27.05	15.32	265.78	28.08	9.42	177.08	
15/10/2024 01:50	11.14	6.3	108.56	15.16	11.57	3.73	71.41	15.2	26.96	15.24	262.67	28.21	9.1	174.07	
15/10/2024 01:55	10.77	5.77	107.46	15.15	11.89	4.31	72.38	15.21	26.03	13.94	259.57	29.04	10.54	176.74	
15/10/2024 02:00	10.9	5.88	106.8	15.15	11.18	3.61	72.74	15.19	26.35	14.21	258.18	27.24	8.78	177.16	
15/10/2024 02:05	10.9	5.87	105.66	15.15	11.68	3.91	70.86	15.2	26.37	14.21	255.56	28.47	9.53	172.7	
15/10/2024 02:10	10.39	5.78	109.34	15.15	11.86	4.05	71.36	15.2	25.1	13.97	264.08	28.91	9.87	173.97	
15/10/2024 02:15	10.99	6.22	109.89	15.16	11.18	3.85	73.67	15.2	26.61	15.06	265.97	27.25	9.38	179.52	
15/10/2024 02:20	11.03	6.16	108.02	15.16	11.17	3.8	72.33	15.2	26.7	14.91	261.44	27.24	9.27	176.37	
15/10/2024 02:25	10.67	5.77	108.98	15.15	11.02	3.7	71.67	15.2	25.79	13.94	263.36	26.84	9.03	174.64	
15/10/2024 02:30	11.4	6.36	109.34	15.16	11.04	3.75	74.04	15.2	27.59	15.41	264.74	26.9	9.13	180.4	
15/10/2024 02:35	11.54	6.23	107.45	15.16	11.36	3.8	73.08	15.2	27.95	15.08	260.23	27.7	9.25	178.16	
15/10/2024 02:40	10.64	5.95	110.31	15.15	11.19	3.63	72.25	15.2	25.75	14.4	266.87	27.26	8.84	176.04	
15/10/2024 02:45	10.81	6.27	111.18	15.15	10.75	3.54	73.74	15.19	26.13	15.17	268.82	26.17	8.61	179.5	
15/10/2024 02:50	11.03	6.23	109.56	15.15	11.35	3.85	72.69	15.2	26.68	15.06	264.93	27.68	9.4	177.3	
15/10/2024 02:55	10.55	5.86	109.97	15.15	11.42	3.85	73.02	15.2	25.5	14.17	265.83	27.88	9.39	178.2	
15/10/2024 03:00	10.12	6.14	110.75	15.16	10.82	3.48	74.33	15.2	24.51	14.86	268.17	26.38	8.48	181.21	
15/10/2024 03:05	10.13	6.13	108.53	15.16	11.38	3.84	72.25	15.2	24.52	14.84	262.8	27.76	9.36	176.28	
15/10/2024 03:10	10.57	5.79	110.06	15.15	11.56	3.97	72.02	15.2	25.56	14.01	266.05	28.19	9.68	175.5	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
15/10/2024 05:00	10.93	6.26	110.35	15.17	11.47	3.77	72.27	15.21	26.5	15.17	267.52	28.01	9.2	176.51	
15/10/2024 05:05	11	6.21	108.83	15.17	11.48	3.85	71.8	15.2	26.68	15.05	263.88	28.02	9.4	175.22	
15/10/2024 05:10	10.43	5.91	109.77	15.15	11.58	3.89	71.22	15.2	25.22	14.29	265.5	28.23	9.49	173.63	
15/10/2024 05:15	10.9	6.51	110.74	15.17	11.27	3.85	72.95	15.2	26.42	15.77	268.42	27.47	9.38	177.78	
15/10/2024 05:20	10.88	6.49	109.51	15.16	11.2	3.76	72.27	15.2	26.36	15.72	265.37	27.31	9.16	176.18	
15/10/2024 05:25	10.5	6.06	110.42	15.16	11.25	3.88	72.8	15.2	25.42	14.68	267.26	27.44	9.46	177.57	
15/10/2024 05:30	10.98	6.34	110.87	15.16	10.73	3.58	73.95	15.2	26.61	15.37	268.71	26.15	8.72	180.23	
15/10/2024 05:35	11.12	6.27	108.93	15.17	11.17	3.82	72.45	15.21	26.97	15.21	264.11	27.27	9.32	176.95	
15/10/2024 05:40	10.52	6.08	110.9	15.16	11.45	4.02	71.91	15.21	25.48	14.73	268.69	27.98	9.82	175.69	
15/10/2024 05:45	10.69	6.22	110.91	15.17	10.93	3.74	73.58	15.2	25.91	15.07	268.89	26.67	9.11	179.53	
15/10/2024 05:50	10.88	6.19	109.07	15.17	11.31	4.06	73.05	15.22	26.39	15.02	264.52	27.66	9.93	178.67	
15/10/2024 05:55	10.4	5.96	110.63	15.17	11.22	4.08	72.2	15.22	25.21	14.44	268.18	27.43	9.98	176.56	
15/10/2024 06:00	10.95	6.24	110.92	15.18	10.98	3.76	73.1	15.21	26.58	15.16	269.35	26.82	9.19	178.54	
15/10/2024 06:05	11.1	6.2	110.17	15.18	11.34	3.94	73.39	15.21	26.95	15.07	267.54	27.71	9.62	179.34	
15/10/2024 06:10	10.35	5.9	110.12	15.16	11.7	4.05	73.97	15.21	25.04	14.28	266.53	28.59	9.89	180.68	
15/10/2024 06:15	10.98	6.36	110.26	15.17	11.29	3.93	75.88	15.21	26.66	15.43	267.6	27.56	9.6	185.24	
15/10/2024 06:20	11.02	6.28	108.86	15.17	11.2	3.8	73.32	15.21	26.75	15.25	264.25	27.34	9.27	179.01	
15/10/2024 06:25	10.51	6.01	109.73	15.16	11.25	3.78	73.88	15.21	25.45	14.56	265.65	27.46	9.24	180.35	
15/10/2024 06:30	10.89	6.28	110.35	15.17	10.88	3.68	74.32	15.2	26.4	15.23	267.47	26.53	8.97	181.24	
15/10/2024 06:35	10.98	6.26	108.61	15.17	11.2	3.9	73.41	15.21	26.62	15.18	263.33	27.34	9.52	179.25	
15/10/2024 06:40	10.33	6.09	110.98	15.16	11.45	4.06	73.86	15.21	25.02	14.74	268.79	28	9.94	180.56	
15/10/2024 06:45	10.88	6.3	111.3	15.16	10.89	3.78	75.14	15.2	26.35	15.28	269.68	26.58	9.23	183.35	
15/10/2024 06:50	10.99	6.25	109.67	15.17	11.22	4.13	75.53	15.21	26.65	15.15	265.82	27.39	10.08	184.45	
15/10/2024 06:55	10.45	5.97	110.82	15.15	11.56	4.27	76.14	15.21	25.27	14.43	267.91	28.23	10.42	185.93	
15/10/2024 07:00	10.48	6.13	110.1	15.15	10.86	3.82	75.38	15.2	25.36	14.83	266.31	26.48	9.32	183.78	
15/10/2024 07:05	10.58	6.13	108.77	15.15	11.32	3.93	73.13	15.2	25.59	14.83	263.08	27.59	9.59	178.25	
15/10/2024 07:10	10.46	6	110.66	15.15	11.53	3.74	72	15.19	25.26	14.48	267.3	28.07	9.09	175.24	
15/10/2024 07:15	11	6.45	110.18	15.16	11.07	3.67	74.04	15.19	26.63	15.61	266.71	26.93	8.92	180.09	
15/10/2024 07:20	11.01	6.34	108.26	15.16	10.86	3.65	72.91	15.19	26.66	15.34	262.07	26.43	8.88	177.47	
15/10/2024 07:25	10.36	6.02	110.19	15.14	11.09	3.83	72.77	15.19	25.02	14.53	266.07	27.01	9.32	177.15	
15/10/2024 07:30	10.65	6.19	110.18	15.15	10.95	3.68	73.85	15.18	25.72	14.94	266.13	26.62	8.94	179.58	
15/10/2024 07:35	10.82	6.24	108.52	15.15	11.59	3.95	71.97	15.19	26.12	15.08	262.11	28.19	9.62	175.06	
15/10/2024 07:40	10.38	5.87	110.36	15.13	11.78	4.02	72.16	15.18	25	14.14	265.8	28.64	9.77	175.38	
15/10/2024 07:45	10.77	6.18	109.67	15.14	11.48	4	74.19	15.18	25.97	14.91	264.53	27.88	9.72	180.16	
15/10/2024 07:50	10.84	6.04	107.02	15.14	11.03	3.72	73.72	15.17	26.16	14.56	258.18	26.77	9.02	178.92	
15/10/2024 07:55	10.4	5.89	109.45	15.13	11.22	3.64	73.28	15.17	25.04	14.18	263.49	27.21	8.83	177.73	
15/10/2024 08:00	10.5	6.32	110.77	15.13	10.79	3.44	75.38	15.17	25.32	15.23	267.02	26.16	8.34	182.7	
15/10/2024 08:05	10.57	6.29	108.45	15.13	11.05	3.79	74.81	15.17	25.47	15.15	261.39	26.8	9.19	181.46	
15/10/2024 08:10	10.59	5.76	107.94	15.11	11.36	4.35	76.5	15.17	25.45	13.85	259.34	27.57	10.55	185.69	
15/10/2024 08:15	10.42	6.03	109.11	15.12	10.77	3.63	75.84	15.16	25.05	14.49	262.32	26.09	8.79	183.74	
15/10/2024 08:20	10.55	5.99	107.43	15.12	11.4	3.93	74.39	15.17	25.37	14.39	258.32	27.63	9.54	180.37	
15/10/2024 08:25	10.35	5.74	108.84	15.11	11.55	4.06	74.5	15.17	24.83	13.77	261.08	28	9.86	180.64	
15/10/2024 08:30	10.85	6.1	108.53	15.12	11.14	3.73	74.33	15.16	26.09	14.68	260.91	26.96	9.03	179.92	
15/10/2024 08:35	10.9	6.01	106.96	15.12	11.1	3.61	72.43	15.16	26.21	14.46	257.24	26.87	8.74	175.34	
15/10/2024 08:40	10.61	5.77	107.18	15.11	11.31	3.69	72.42	15.16	25.47	13.86	257.43	27.38	8.93	175.31	
15/10/2024 08:45	10.85	5.98	107.93	15.12	11.08	3.59	73.53	15.15	26.07	14.37	259.41	26.81	8.67	177.82	
15/10/2024 08:50	10.94	5.97	106.63	15.12	11.37	3.76	72.31	15.16	26.29	14.35	256.3	27.55	9.11	175.16	
15/10/2024 08:55	10.45	5.7	107.54	15.11	11.83	4.06	71.34	15.17	25.09	13.68	258.06	28.67	9.85	172.94	
15/10/2024 09:00	10.86	5.98	108.22	15.12	11.16	3.71	72.8	15.16	26.1	14.38	260.07	27.02	8.97	176.21	
15/10/2024 09:05	10.9	6	107.06	15.12	11.15	3.57	70.54	15.16	26.21	14.41	257.29	26.98	8.64	170.72	
15/10/2024 09:10	10.39	5.59	107.31	15.11	11.03	3.45	69.88	15.15	24.93	13.42	257.61	26.67	8.35	168.96	
15/10/2024 09:15	11.02	6.1	107.12	15.12	10.86	3.39	71.44	15.15	26.51	14.67	257.71	26.28	8.19	172.83	
15/10/2024 09:20	11.01	6.05	106.04	15.12	10.91	3.5	71.95	15.16	26.49	14.56	255.19	26.43	8.49	174.27	
15/10/2024 09:25	10.43	5.71	107.6	15.11	11.11	3.77	71.33	15.17	25.04	13.72	258.29	26.94	9.14	172.99	
15/10/2024 09:30	10.51	5.68	107.46	15.11	11.04	3.56	72.2	15.16	25.23	13.64	257.86	26.74	8.63	174.89	
15/10/2024 09:35	10.57	5.64	105.99	15.11	11.1	3.58	71.03	15.18	25.36	13.53	254.34	26.96	8.69	172.47	
15/10/2024 09:40	10.31	5.64	108.26	15.09	11.09	3.74	70.94	15.18	24.67	13.5	259.02	26.94	9.07	172.23	
15/10/2024 09:45	10.49	5.85	107.61	15.1	10.97	3.54	72.3	15.17	25.13	14.01	257.76	26.61	8.58	175.26	
15/10/2024 09:50	10.54	5.85	105.84	15.1	11.14	3.39	70.89	15.18	25.26	14	253.51	27.07	8.25	172.17	
15/10/2024 09:55	10.56	5.58	107.08	15.08	11.19	3.3	69.86	15.17	25.23	13.33	255.73	27.13	8	169.38	
15/10/2024 10:00	11.09	5.98	107.56	15.09	11.31	3.5	72.22	15.16	26.52	14.29	257.22	27.4	8.47	174.94	
15/10/2024 10:05	11.08	5.93	106.57	15.09	10.86	3.09	70.57	15.18	26.5	14.19	254.9	26.38	7.5	171.34	
15/10/2024 10:10	10.71	5.75	107.74	15.07	11.22	3.45	70.22	15.17	25.53	13.7	256.86	27.23	8.39	170.44	
15/10/2024 10:15	10.84	5.74	107.46	15.07	11.19	3.53	72.81	15.16	25.84	13.7	256.19	27.1	8.53	176.23	
15/10/2024 10:20	10.85	5.65	106.63	15.07	10.87	3.17	69.67	15.18	25.89	13.47	254.33	26.4	7.69	169.24	
15/10/2024 10:25	10.71	5.62	106.75	15.06	10.95	3.35	70.03	15.18	25.47	13.36	253.91	26.6	8.12	170.08	
15/10/2024 10:30	10.6	5.49	107.64	15.06	11.08	3.47	71.61	15.16	25.24	13.06	256.18	26.8	8.4	173.22	
15/10/2024 10:35	10.72	5.48	106.56	15.06	11.08	3.48	70.61	15.17	25.53	13.05	253.7	26.86	8.43	171.22	
15/10/2024 10:40	10.55	5.55	107.46	15.05	11.5	3.7	71.69	15.16	25.08	13.19	255.5	27.85	8.97	173.58	
15/10/2024 10:45	10.72	5.82	107.82	15.07	11.46	3.72	71.52	15.16	25.54	13.88	256.9	27.74	9.01	173.04	
15/10/2024 10:50	10.64	5.76	106.01	15.07	11.12	3.19	69.12	15.16	25.36	13.72	252.65	26.94	7.74	167.5	
15/10/2024 10:55	10.62	5.58	107.53	15.06	10.89	3	69.52	15.15	25.27	13.26	255.76	26.34	7.26	168.	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
15/10/2024 12:45	11.69	5.26	103.7	15	12.41	3.32	66.85	15.11	27.55	12.39	244.46	29.78	7.98	160.37	
15/10/2024 12:50	11.69	5.04	101.98	15.01	12.01	2.88	64.76	15.19	27.59	11.89	240.52	29.2	7	157.52	
15/10/2024 12:55	11.12	4.89	103.77	14.98	12.23	2.66	64.28	15.2	26.11	11.49	243.69	29.81	6.48	156.63	
15/10/2024 13:00	11.38	4.88	103.3	14.98	11.69	2.66	64.88	15.23	26.75	11.46	242.72	28.65	6.51	159.01	
15/10/2024 13:05	11.25	4.58	101.14	15.03	10.53	2.14	60.58	15.55	26.65	10.82	239.2	27.34	5.56	157.33	
15/10/2024 13:10	11.51	5.18	103.22	15	10.69	2.39	59.7	15.63	27.11	12.21	243.01	28.2	6.31	157.56	
15/10/2024 13:15	11.51	5.22	104.19	15.01	11.33	2.78	62.73	15.44	27.14	12.32	245.7	28.86	7.04	159.68	
15/10/2024 13:20	11.39	5.11	101.88	15.03	10.21	2.08	58.61	15.74	26.97	12.09	241.26	27.48	5.61	157.79	
15/10/2024 13:25	11.45	5.3	103.73	15.02	10.67	2.5	58.05	15.74	27.08	12.54	245.3	28.75	6.74	156.39	
15/10/2024 13:30	11.08	4.94	103.68	15.02	11.09	2.65	62.81	15.47	26.19	11.69	245.13	28.42	6.78	160.52	
15/10/2024 13:35	10.9	4.87	101.96	15.07	10.39	2.45	59.6	15.72	25.98	11.61	242.58	27.88	6.58	159.83	
15/10/2024 13:40	11.2	5.13	104.08	15.04	10.33	2.81	60.64	15.76	26.54	12.15	246.69	27.93	7.61	163.97	
15/10/2024 13:45	11.03	4.99	103.44	15.04	10.65	2.74	60.57	15.73	26.18	11.84	245.49	28.61	7.32	162.41	
15/10/2024 13:50	10.87	4.93	100.94	15.15	9.58	2.41	50.39	16.54	26.37	11.88	243.42	30.59	7.71	160.67	
15/10/2024 13:55	11.01	5.01	103.36	15.04	9.97	2.63	50.05	16.6	26.13	11.89	245.24	32.19	8.48	161.6	
15/10/2024 14:00	11.24	5.12	102.78	15.05	9.79	2.65	49.55	16.69	26.69	12.16	244.13	32.47	8.67	162.49	
15/10/2024 14:05	10.88	4.94	99.71	15.24	7.13	1.63	25.95	18.57	27.14	12.09	243.8	43.12	9.83	154.84	
15/10/2024 14:10	10.96	5.01	103.95	15.04	7.39	1.69	23.63	18.75	26.01	11.89	246.76	47.78	10.92	152.74	
15/10/2024 14:15	11.03	5.29	103.71	15.05	8.26	2.27	33.93	18.02	26.21	12.57	246.55	41.19	10.86	160.2	
15/10/2024 14:20	10.59	5.05	99.99	15.33	7.01	0.96	3.08	20.56	53.39	14.59	245.57	755.23	95.27	90.27	
15/10/2024 14:25	10.96	5.17	104.95	15.05	6.66	0.64	0.45	20.8	26.07	12.29	249.54	883.79	85.1	60.16	
15/10/2024 14:30	11.24	5.51	104.94	15.06	7.85	1.84	22.67	19	26.74	13.12	249.76	333.05	37.22	127.43	
15/10/2024 14:35	10.79	5.34	100.89	15.38	6.63	0.67	1.38	20.71	64.49	17.33	250.64	821.78	83.84	71.94	
15/10/2024 14:40	10.94	5.48	107	15.06	6.97	0.89	0.36	20.81	26.05	13.05	254.87	1087.62	139.07	56.09	
15/10/2024 14:45	10.6	5.43	106.68	15.06	7.7	1.67	27.57	18.82	25.23	12.92	253.93	398.87	53.93	696.84	
15/10/2024 14:50	10.24	5.28	102.63	15.31	7.15	1.08	2.65	20.62	65.54	19.42	279	1033.8	157.24	104.55	
15/10/2024 14:55	10.67	5.33	106.66	15.06	7.41	1.17	0.55	20.83	25.41	12.7	253.86	1401.84	221.92	103.51	
15/10/2024 15:00	10.46	5.52	107.48	15.06	9.21	2.34	43.76	17.43	24.91	13.15	255.88	470.92	76.95	151.99	
15/10/2024 15:05	10.39	5.42	105.27	15.11	10.14	2.75	59.88	15.94	24.96	12.96	252.14	28.43	7.69	167.68	
15/10/2024 15:10	10.78	5.08	103.88	15.06	10.3	2.58	58.83	16.02	25.65	12.09	247.15	29.35	7.35	167.68	
15/10/2024 15:15	10.99	5.47	104.61	15.07	10.81	3.08	63.02	15.69	26.19	13.03	249.24	28.88	8.18	168.17	
15/10/2024 15:20	10.8	5.32	102.72	15.12	9.64	2.37	57.61	16.08	25.96	12.72	246.29	27.8	6.85	166.15	
15/10/2024 15:25	10.86	5.18	103.38	15.05	9.56	2.36	56.55	16.15	25.82	12.3	245.76	27.97	6.91	165.42	
15/10/2024 15:30	11.56	5.56	103.97	15.06	10.31	2.85	61.53	15.82	27.53	13.24	247.52	28.21	7.74	167.99	
15/10/2024 15:35	11.37	5.47	102.17	15.13	8.94	2.26	54.45	16.32	27.36	13.13	245.37	27.14	6.86	165.24	
15/10/2024 15:40	10.94	5.37	105.06	15.06	9.08	2.7	53.89	16.42	26.03	12.78	250.06	28.18	8.39	167.28	
15/10/2024 15:45	10.66	5.15	104.62	15.06	10.09	2.77	62.71	15.75	25.39	12.25	249.03	27.33	7.53	169.06	
15/10/2024 15:50	10.63	5.07	102.9	15.1	10.38	2.83	61.48	15.75	25.49	12.13	246.35	28.03	7.66	165.96	
15/10/2024 15:55	10.86	5.21	104.72	15.06	10.59	3.05	61.08	15.81	25.82	12.4	249.03	28.91	8.32	166.67	
15/10/2024 16:00	10.6	5.26	105.49	15.06	10.6	3.06	64.72	15.6	25.23	12.52	251.19	27.84	8.03	169.48	
15/10/2024 16:05	10.49	5.17	103.7	15.11	10.03	2.72	59.36	15.99	25.18	12.37	248.32	28.37	7.7	167.89	
15/10/2024 16:10	10.65	5.19	104.85	15.06	10.03	2.63	58.14	16.07	25.37	12.36	249.71	28.88	7.56	167.38	
15/10/2024 16:15	10.95	5.57	105.1	15.07	10.44	3.02	64.03	15.69	26.13	13.29	250.74	27.92	8.02	170.52	
15/10/2024 16:20	10.78	5.42	101.8	15.2	9.01	2.39	53.09	16.49	26.38	13.16	247.31	28.58	7.67	167.27	
15/10/2024 16:25	10.78	5.45	105.4	15.07	9	2.64	48.92	16.89	25.71	13	251.46	31.2	9.16	169.61	
15/10/2024 16:30	10.62	5.33	105.05	15.07	8.33	2.33	45.08	17.26	25.33	12.71	250.59	32.17	8.72	169.69	
15/10/2024 16:35	10.47	5.21	101.19	15.29	6.33	1.39	10.07	19.99	31.54	13.78	254.81	119.82	25.56	153.3	
15/10/2024 16:40	11.01	4.95	102.1	15.07	6.81	1.36	5.06	20.41	26.26	11.8	243.46	194.24	38.78	144.35	
15/10/2024 16:45	11.4	5.32	103.33	15.08	7.69	2.06	28.89	18.48	27.21	12.69	246.71	87.67	19.37	157.19	
15/10/2024 16:50	11.06	5.21	100.02	15.31	6.29	1.18	9.13	20.08	33.78	13.48	246.22	135.34	23.78	154.04	
15/10/2024 16:55	10.56	5.18	104.28	15.08	6.47	0.88	4.53	20.5	25.22	12.38	249.06	223.91	30.3	156.85	
15/10/2024 17:00	10.91	5.54	103.41	15.09	8.27	2.05	31.43	18.21	26.09	13.26	247.32	96.85	16.38	160.22	
15/10/2024 17:05	10.8	5.38	99.59	15.22	6.82	1.67	27.72	18.52	26.73	13.11	242.33	40.27	9.77	162.13	
15/10/2024 17:10	12.35	4.53	96.16	15.04	7.38	1.95	29.16	18.43	29.29	10.75	227.97	41.42	10.97	163.75	
15/10/2024 17:15	12.26	4.58	97.27	15.04	8.4	2.21	41.12	17.46	29.08	10.86	230.6	34.89	9.13	164.74	
15/10/2024 17:20	11.89	4.53	95	15.2	7.16	2.01	28.44	18.47	29.26	11.1	230.8	41.47	11.67	162.95	
15/10/2024 17:25	11.97	4.54	97.71	15.03	7.45	2.08	28.14	18.51	28.36	10.77	231.5	43.28	12.07	163.41	
15/10/2024 17:30	12.2	4.83	98.24	15.04	8.56	2.42	41.41	17.49	28.96	11.45	233.2	36.2	10.13	166.9	
15/10/2024 17:35	11.71	4.8	98.31	15.2	6.74	1.71	27.38	18.57	28.84	11.63	246.21	40.69	10.3	163.31	
15/10/2024 17:40	10.68	5.3	105.42	15.09	6.59	1.42	23.91	18.77	25.54	12.68	252.07	43.04	9.28	156.03	
15/10/2024 17:45	11.18	5.64	105.2	15.09	8.21	1.98	36.38	17.69	26.77	13.5	251.81	36.77	8.54	155.38	
15/10/2024 17:50	10.88	5.5	101.42	15.28	6.37	1.47	19.19	19.11	27.8	13.7	248.48	50.73	11.88	149.44	
15/10/2024 17:55	10.59	5.42	106.24	15.09	6.33	1.7	16.44	19.39	25.34	12.99	254.31	58.34	15.71	151.53	
15/10/2024 18:00	10.74	5.39	106.32	15.09	8.6	2.29	37.82	17.56	25.72	12.91	254.53	41.52	11.01	154.9	
15/10/2024 18:05	10.55	5.27	103.52	15.21	8.33	2.11	34.43	17.72	25.91	12.8	251.13	36.43	9.25	150.28	
15/10/2024 18:10	10.42	5.24	106.11	15.09	8.48	1.84	33.3	17.8	24.95	12.54	253.99	38.02	8.27	149.22	
15/10/2024 18:15	11.12	5.68	105.44	15.11	9.47	2.53	50.48	16.64	26.67	13.62	252.95	31.75	8.18	162.15	
15/10/2024 18:20	11.14	5.58	102.41	15.22	8.78	2.5	48.47	16.85	27.32	13.59	249.83	30.18	8.61	166.47	
15/10/2024 18:25	10.77	5.42	105.27	15.1	9.52	2.92	47.92	16.84	25.81	12.99	252.21	32.58	10.01	164.09	
15/10/2024 18:30	10.97	5.55	105.9	15.1	10.19	3.03	55.01	16.3	26.3	13.31	253.81	30.93	9.17	165.59	
15/10/2024 18:35	10.99	5.61	103.94	15.16	9.78	2.85	51.38	16.53	26.67	13.58	251.08	31.1	9.04	163.4	
15/10/2024 18:40	10.58	5.31	105.27	15.1	10.8	3.56	51.67	16.53	25.35	12.72	252.18	34.33	11.33	164.29	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
15/10/2024 20:30	10.8	5.88	108.84	15.12	9.98	2.78	62.76	15.84	25.98	14.13	261.79	27.48	7.63	171.85	
15/10/2024 20:35	10.96	5.95	106.3	15.15	10.11	3.14	58.33	16.09	26.51	14.38	256.95	29.21	9.06	168.49	
15/10/2024 20:40	10.38	5.63	108.33	15.12	11.13	3.81	58.91	16.04	24.95	13.53	260.38	31.8	10.9	168.39	
15/10/2024 20:45	10.61	5.77	107.93	15.13	10.55	3.41	61.9	15.91	25.55	13.88	259.86	29.43	9.49	171.87	
15/10/2024 20:50	10.61	5.7	105.64	15.21	9.8	3.04	56.14	16.34	25.97	13.88	257.4	29.85	9.25	170.93	
15/10/2024 20:55	10.67	5.58	107.76	15.12	9.94	3.35	57.52	16.27	25.68	13.43	259.26	29.85	10.05	172.74	
15/10/2024 21:00	11	6.13	108.61	15.13	9.91	3.06	59.67	16.07	26.51	14.77	261.79	28.54	8.8	171.47	
15/10/2024 21:05	10.9	6.02	106.53	15.23	9.45	2.9	53.29	16.54	26.77	14.69	260.89	30.13	9.24	169.95	
15/10/2024 21:10	10.53	5.66	108.05	15.11	9.86	3.2	54.08	16.52	25.29	13.6	259.58	31.31	10.18	171.75	
15/10/2024 21:15	10.71	5.85	108.69	15.12	9.91	3.13	61.53	16.07	25.75	14.05	261.24	28.65	9	175.84	
15/10/2024 21:20	10.78	5.88	106.94	15.17	9.89	3.29	55.61	16.36	26.17	14.23	258.69	30.3	10.07	170.28	
15/10/2024 21:25	10.26	5.53	108.4	15.11	10.36	3.74	57.11	16.23	24.63	13.27	260.26	30.8	11.11	169.8	
15/10/2024 21:30	10.84	5.9	108.59	15.12	10.18	3.24	61.14	16.04	26.08	14.2	261.29	29.13	9.27	174.68	
15/10/2024 21:35	10.77	5.9	106.43	15.19	9.65	2.94	55.35	16.35	26.28	14.38	258.67	29.48	8.97	169.18	
15/10/2024 21:40	10.33	5.54	107.55	15.12	9.47	2.67	56.08	16.31	24.85	13.32	258.62	28.68	8.1	169.86	
15/10/2024 21:45	10.7	6.02	107.98	15.13	10.09	3.1	59.29	16.09	25.78	14.51	260.13	29.17	8.91	171.07	
15/10/2024 21:50	10.65	5.91	106.64	15.18	9.44	2.77	52.96	16.47	25.88	14.31	258.93	29.59	8.68	166.12	
15/10/2024 21:55	10.7	5.49	106.24	15.12	9.52	2.89	53.69	16.36	25.71	13.2	255.38	29.12	8.85	164.29	
15/10/2024 22:00	10.77	5.65	106.42	15.12	9.77	2.84	58.09	16.09	25.9	13.59	255.92	28.27	8.18	167.19	
15/10/2024 22:05	10.81	5.66	104.86	15.17	10.02	3.25	53.4	16.45	26.27	13.71	254.19	31.31	10.14	166.96	
15/10/2024 22:10	10.55	5.47	107.78	15.11	10.27	3.45	54.86	16.39	25.33	13.14	258.89	31.63	10.65	169.04	
15/10/2024 22:15	10.71	5.92	107.7	15.12	9.94	3.07	60.2	16.06	25.77	14.24	259.14	28.64	8.82	172.04	
15/10/2024 22:20	10.57	5.86	104.82	15.16	9.14	2.63	54.08	16.44	25.59	14.17	253.85	28.55	8.22	168.56	
15/10/2024 22:25	10.37	5.63	107.73	15.12	8.69	2.25	55.55	16.29	24.93	13.55	259.08	26.21	6.79	167.56	
15/10/2024 22:30	10.96	5.99	108.38	15.13	9.45	2.53	58.4	16.09	26.39	14.44	261.05	27.32	7.26	168.62	
15/10/2024 22:35	10.88	5.96	106.46	15.2	9.46	2.99	52.25	16.62	26.54	14.5	258.74	30.77	9.73	169.77	
15/10/2024 22:40	10.37	5.62	107.87	15.12	10.11	3.56	53.02	16.6	24.93	13.51	259.24	32.64	11.51	171.19	
15/10/2024 22:45	10.65	5.82	108.35	15.12	10.05	3.28	58.05	16.24	25.61	14	260.55	30.08	9.81	172.43	
15/10/2024 22:50	10.53	5.7	106.02	15.2	9.11	2.71	50.11	16.74	25.71	13.84	257.93	30.47	9.06	167.56	
15/10/2024 22:55	10.24	5.62	108.1	15.11	8.84	2.56	51.13	16.71	24.59	13.51	259.63	29.32	8.5	169.51	
15/10/2024 23:00	10.53	6.13	108.47	15.13	9.52	3	57.14	16.31	25.35	14.76	261.09	28.87	9.02	172.2	
15/10/2024 23:05	10.48	6.06	106.22	15.19	8.95	2.7	50.66	16.73	25.57	14.7	257.77	29.88	9.01	168.89	
15/10/2024 23:10	10.45	5.74	107.85	15.12	9.61	3.24	52.69	16.63	25.11	13.8	259.23	31.3	10.54	171.63	
15/10/2024 23:15	10.63	5.93	108.27	15.12	9.28	2.83	57.68	16.26	25.55	14.25	260.29	27.95	8.51	172.15	
15/10/2024 23:20	10.46	5.8	105.78	15.2	8.96	2.86	52.13	16.66	25.5	14.08	257.02	29.41	9.4	170.8	
15/10/2024 23:25	10.37	5.6	108.81	15.11	8.66	2.74	53.72	16.61	24.89	13.44	261.29	28.05	8.87	174.09	
15/10/2024 23:30	10.44	5.9	108.24	15.12	9.22	2.84	58.01	16.26	25.12	14.2	260.53	27.61	8.46	173.04	
15/10/2024 23:35	10.3	5.83	106.14	15.2	9.29	2.96	51.82	16.66	25.15	14.17	258.16	30.57	9.77	170.08	
15/10/2024 23:40	10.34	5.62	107.43	15.12	9.44	2.69	53.48	16.54	24.86	13.52	258.2	30.09	8.57	170.54	
15/10/2024 23:45	10.95	6.12	107.98	15.13	9.64	2.88	58.04	16.21	26.38	14.74	260.08	28.65	8.49	171.46	
15/10/2024 23:50	10.97	6.11	107.01	15.19	9.13	2.79	52.67	16.56	26.73	14.82	260.03	29.31	8.95	168.84	
15/10/2024 23:55	10.43	5.79	108.62	15.12	9.77	3.27	52.2	16.58	25.09	13.93	261.32	31.41	10.51	167.9	
16/10/2024 00:00	10.61	5.8	107.14	15.13	9.55	3.07	58.07	16.25	25.54	13.96	257.96	28.63	9.15	172.55	
16/10/2024 00:05	10.5	5.73	104.52	15.25	8.91	3.05	46.93	17.04	25.99	14.08	256.8	32.19	11.06	169.12	
16/10/2024 00:10	10.5	5.61	108.4	15.13	9.14	3.19	45.36	17.15	25.3	13.51	261.14	33.92	11.84	168.34	
16/10/2024 00:15	10.98	5.99	109.32	15.15	9.91	3.17	55.07	16.42	26.54	14.49	264.18	31.01	9.95	169.98	
16/10/2024 00:20	10.86	5.94	108.37	15.22	9.77	3.02	50.44	16.69	26.61	14.5	265.21	32.3	9.99	166.58	
16/10/2024 00:25	10.59	5.84	109.59	15.14	9.81	3.03	49.08	16.83	25.56	14.11	264.6	33.48	10.35	167.47	
16/10/2024 00:30	10.8	6.42	110.3	15.16	10.31	3.15	59.72	16.18	26.18	15.57	267.31	30.61	9.34	176.6	
16/10/2024 00:35	10.73	6.39	108.52	15.21	10.36	3.19	56.27	16.28	26.26	15.59	264.63	31.2	9.6	169.33	
16/10/2024 00:40	10.73	5.86	108.89	15.16	10.56	3.27	56.05	16.29	25.98	14.19	263.58	31.82	9.84	168.84	
16/10/2024 00:45	10.95	6.16	109.03	15.16	10.63	3.39	62	15.96	26.53	14.93	264.14	29.94	9.5	173.69	
16/10/2024 00:50	11	6.16	107.23	15.21	10.47	3.5	58.58	16.16	26.9	15.02	261.42	30.73	10.27	171.94	
16/10/2024 00:55	10.76	5.98	109.01	15.17	10.94	3.77	59.53	16.16	26.07	14.5	264.23	32.08	11.05	174.61	
16/10/2024 01:00	10.91	6.08	108.88	15.17	10.83	3.54	63.59	15.84	26.46	14.75	264.06	29.82	9.74	174.3	
16/10/2024 01:05	10.9	6.08	107.8	15.2	10.86	3.65	60.34	16.01	26.6	14.82	262.76	30.85	10.36	171.37	
16/10/2024 01:10	10.7	5.98	109.99	15.17	10.97	3.85	60.63	15.96	25.95	14.51	266.85	30.88	10.83	170.67	
16/10/2024 01:15	11.03	6.25	109.6	15.18	10.53	3.52	60.95	16	26.81	15.18	266.33	29.87	9.94	172.25	
16/10/2024 01:20	10.95	6.21	107.15	15.26	10.04	3.54	53.25	16.6	27.04	15.27	263.53	32.46	11.46	172.05	
16/10/2024 01:25	10.63	6.04	110.15	15.18	10.13	3.74	53.92	16.61	25.81	14.68	267.5	32.78	12.1	174.56	
16/10/2024 01:30	10.83	6.35	110.2	15.18	10.14	3.58	59.96	16.21	26.33	15.43	267.96	30.2	10.63	177.05	
16/10/2024 01:35	10.79	6.37	109.12	15.23	10.07	3.57	55.77	16.48	26.49	15.59	267.4	31.68	11.24	175.33	
16/10/2024 01:40	10.68	6.07	109.96	15.18	10.27	3.63	58	16.39	25.97	14.76	267.25	31.63	11.18	178.72	
16/10/2024 01:45	10.97	6.42	109.64	15.19	10.26	3.54	60.33	16.16	26.73	15.64	267.12	30.17	10.39	176.63	
16/10/2024 01:50	10.91	6.34	107.42	15.26	10.23	3.39	53.88	16.5	26.92	15.57	263.86	32.29	10.71	170.1	
16/10/2024 01:55	10.83	5.84	106.72	15.18	10.69	3.28	53.38	16.44	26.32	14.19	259.37	33.31	10.23	166.37	
16/10/2024 02:00	11.09	6.32	108.51	15.19	10.68	3.44	59.26	16.1	27.02	15.39	264.38	31.04	9.95	170.99	
16/10/2024 02:05	11.07	6.29	106.91	15.24	10.42	3.44	55.57	16.31	27.21	15.42	262.02	31.59	10.43	168.38	
16/10/2024 02:10	10.81	5.9	107.33	15.19	10.55	3.52	57.17	16.23	26.31	14.35	261.16	31.42	10.48	170.33	
16/10/2024 02:15	11.21	6.34	107.71	15.2	10.64	3.5	60.57	16.02	27.34	15.48	262.76	30.34	9.94	171.95	
16/10/2024 02:20	11.19	6.27	106.52	15.24	10.57	3.5	57.12	16.2	27.47	15.37	261.16	31.25	10.35	168.88	
16/10/2024 02:25	10.84	5.96	108.42	15.19	10.8	3.66	57.8	16.13	26.4	14.5	263.94	31.45	10.66	168.36	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
16/10/2024 04:15	11.6	6.44	107.28	15.2	10.75	3.57	59.55	16.05	28.26	15.69	261.42	30.82	10.2	170.03	
16/10/2024 04:20	11.61	6.43	105.71	15.24	10.44	3.51	55.42	16.32	28.52	15.75	259.04	31.71	10.65	168.21	
16/10/2024 04:25	11.27	5.86	105.08	15.18	10.77	3.63	56.17	16.22	27.39	14.23	255.43	31.94	10.76	166.68	
16/10/2024 04:30	11.72	6.24	105.71	15.19	10.82	3.64	61.06	15.97	28.51	15.19	257.19	30.55	10.23	171.58	
16/10/2024 04:35	11.72	6.23	103.85	15.22	10.28	3.51	56.29	16.27	28.67	15.22	254.07	30.85	10.54	168.92	
16/10/2024 04:40	11.09	6.03	107.2	15.18	10.42	3.6	57.63	16.19	26.95	14.66	260.48	30.76	10.61	170.08	
16/10/2024 04:45	11.4	6.32	107.78	15.18	10.34	3.52	59.96	16.07	27.71	15.36	261.9	29.77	10.09	171.87	
16/10/2024 04:50	11.31	6.32	105.33	15.22	9.97	3.5	54.23	16.48	27.66	15.45	257.6	31.36	11.01	170.57	
16/10/2024 04:55	11.05	5.99	106.39	15.18	10.53	3.66	55.72	16.38	26.82	14.55	258.32	32.39	11.25	171.39	
16/10/2024 05:00	11.09	6.13	105.94	15.17	10.49	3.52	59.73	16.05	26.93	14.87	257.19	30.18	10.11	171.18	
16/10/2024 05:05	11.03	6.14	104.63	15.22	10.28	3.62	55.65	16.32	27.02	14.99	255.68	31.24	10.99	169.03	
16/10/2024 05:10	10.93	5.93	106.48	15.17	10.53	3.88	57.2	16.24	26.53	14.39	258.52	31.39	11.55	170.48	
16/10/2024 05:15	11.09	6.17	107.44	15.18	10.35	3.57	59.87	16.06	26.96	15.01	261.27	29.79	10.25	171.47	
16/10/2024 05:20	11.06	6.16	106.3	15.24	10.33	3.66	54.23	16.42	27.16	15.08	260.46	32.06	11.38	168.29	
16/10/2024 05:25	11.03	5.91	106.57	15.18	10.33	3.8	55.36	16.33	26.79	14.37	258.92	31.43	11.56	168.48	
16/10/2024 05:30	11.31	6.17	106.6	15.19	10.39	3.62	60.33	16.04	27.54	15.02	259.54	29.75	10.36	171.85	
16/10/2024 05:35	11.19	6.09	104.67	15.25	10.21	3.62	56.45	16.31	27.53	14.95	256.87	30.97	10.96	171.04	
16/10/2024 05:40	10.9	5.84	106.12	15.16	10.41	3.55	57.78	16.25	26.41	14.16	257.16	31.11	10.61	172.72	
16/10/2024 05:45	11.21	6.31	106.12	15.18	10.48	3.54	59.8	16.1	27.22	15.33	257.7	30.39	10.24	172.78	
16/10/2024 05:50	11.19	6.29	104.87	15.23	9.93	3.38	52.47	16.54	27.46	15.37	256.94	31.71	10.8	167.5	
16/10/2024 05:55	11.09	5.88	105.74	15.17	10.08	3.45	52.91	16.48	26.92	14.28	256.7	31.69	10.86	166.37	
16/10/2024 06:00	11.6	6.33	106.13	15.18	10.31	3.39	58.15	16.15	28.19	15.38	257.96	30.25	9.93	169.6	
16/10/2024 06:05	11.49	6.28	104.55	15.23	9.96	3.44	53.93	16.51	28.2	15.38	255.97	31.53	10.88	170.7	
16/10/2024 06:10	11.05	5.97	105.81	15.18	9.84	3.53	55.72	16.4	26.85	14.51	257.04	30.41	10.91	172.11	
16/10/2024 06:15	11.21	6.14	105.53	15.18	10.06	3.46	58.55	16.24	27.24	14.92	256.45	30.04	10.27	173.79	
16/10/2024 06:20	11.02	6.08	102.98	15.27	9.58	3.25	47.25	16.92	27.32	15	253.61	33.49	11.38	165.11	
16/10/2024 06:25	11.12	5.8	104.49	15.18	10.08	3.41	47.38	16.9	26.99	14.09	253.73	35.05	11.85	164.76	
16/10/2024 06:30	11.01	5.92	103.82	15.18	10.24	3.28	54.2	16.39	26.73	14.37	252.12	31.8	10.16	166.34	
16/10/2024 06:35	10.86	5.85	101.37	15.26	10.04	3.43	49.38	16.7	26.82	14.38	249.02	33.28	11.38	163.5	
16/10/2024 06:40	11.26	5.67	103.52	15.17	10.53	3.7	52.05	16.53	27.3	13.75	250.99	33.51	11.79	165.6	
16/10/2024 06:45	11.29	5.85	103.43	15.18	10.42	3.41	55.74	16.25	27.42	14.21	251.19	31.27	10.2	166.05	
16/10/2024 06:50	11.27	5.77	101.14	15.24	10.24	3.42	51.29	16.54	27.7	14.13	247.56	32.69	10.92	163.65	
16/10/2024 06:55	11.02	5.61	103.27	15.17	10.61	3.39	52.14	16.41	26.72	13.61	250.33	32.83	10.5	161.34	
16/10/2024 07:00	11.69	6.14	103.92	15.18	10.58	3.36	56.76	16.14	28.4	14.92	252.49	30.98	9.8	165.19	
16/10/2024 07:05	11.68	6.12	102.14	15.23	10.14	3.25	51.4	16.49	28.66	14.98	249.93	32	10.24	162	
16/10/2024 07:10	11.11	5.72	103.59	15.17	10.41	3.35	53.06	16.29	26.98	13.89	251.47	31.38	10.09	160.01	
16/10/2024 07:15	11.25	6.03	104.25	15.17	10.34	3.2	57.27	16.06	27.3	14.63	253	29.75	9.19	164.15	
16/10/2024 07:20	11.11	5.99	101.97	15.2	10.05	3.29	55.11	16.29	27.11	14.59	248.96	30.34	9.94	166.31	
16/10/2024 07:25	11.03	5.87	105.62	15.16	10.52	3.49	56.75	16.22	26.71	14.22	255.75	31.24	10.36	168.62	
16/10/2024 07:30	11.26	6	106.08	15.16	10.41	3.36	61.98	15.94	27.29	14.55	257.03	29.22	9.38	172.78	
16/10/2024 07:35	11.26	6	104.3	15.2	10.49	3.53	56.04	16.2	27.48	14.61	253.91	31.01	10.44	165.59	
16/10/2024 07:40	10.88	5.75	105.92	15.15	10.83	3.69	57.64	16.09	26.28	13.89	255.87	31.26	10.65	166.43	
16/10/2024 07:45	11.11	6.07	106.14	15.15	10.74	3.66	60.37	15.95	26.85	14.68	256.6	30.2	10.26	168.95	
16/10/2024 07:50	11.1	6.06	103.45	15.18	10.15	3.31	56.03	16.19	27	14.71	251.41	29.98	9.78	165.42	
16/10/2024 07:55	10.87	5.78	104.87	15.14	10.38	3.38	57.52	16.06	26.25	13.97	253.21	29.81	9.7	165.26	
16/10/2024 08:00	11.25	5.73	103.49	15.15	10.33	3.18	59.69	15.95	27.19	13.86	250.13	29.03	8.88	166.79	
16/10/2024 08:05	11.05	5.56	101.84	15.19	10.12	3.18	54.56	16.25	26.93	13.52	247.5	30.26	9.49	162.96	
16/10/2024 08:10	11.08	5.92	105.9	15.14	10.02	3.41	56.36	16.18	26.73	14.28	255.58	29.5	10.04	166.02	
16/10/2024 08:15	11.28	6.02	106.12	15.14	10.32	3.38	59.22	16.01	27.22	14.52	256.18	29.37	9.57	167.84	
16/10/2024 08:20	11.27	6.02	104.24	15.18	10.27	3.31	54.06	16.31	27.42	14.62	253	31.09	10.01	163.77	
16/10/2024 08:25	10.99	5.74	105.52	15.13	10.78	3.66	56.03	16.14	26.46	13.82	254.07	31.51	10.69	163.75	
16/10/2024 08:30	11.11	6.18	106.09	15.14	10.43	3.4	59.04	16.07	26.81	14.92	256.09	30.07	9.79	169.23	
16/10/2024 08:35	10.96	6.09	103.82	15.21	9.86	3.01	52.24	16.49	26.79	14.82	252.88	31.13	9.52	164.74	
16/10/2024 08:40	11	5.79	105.31	15.13	10.14	3.1	53.25	16.43	26.52	13.95	253.75	31.52	9.62	165.52	
16/10/2024 08:45	11.36	6.05	104.9	15.14	10.17	3.02	57.2	16.16	27.4	14.61	253.06	29.9	8.83	167.23	
16/10/2024 08:50	11.37	6.08	102.63	15.21	9.97	3.15	51.6	16.52	27.85	14.88	250.2	31.7	9.99	163.93	
16/10/2024 08:55	11.2	5.67	104.03	15.13	10.72	3.72	53.64	16.41	26.98	13.66	250.56	33.2	11.52	166.15	
16/10/2024 09:00	11.2	5.77	104.07	15.13	10.4	3.28	54.98	16.26	26.99	13.9	250.77	31.18	9.79	164.11	
16/10/2024 09:05	11.13	5.72	101.79	15.21	9.86	3.17	47.93	16.76	27.24	13.94	247.8	33.11	10.63	160.81	
16/10/2024 09:10	11.3	5.53	103.39	15.11	10.23	3.14	48.66	16.7	27.15	13.29	248.39	33.86	10.4	160.97	
16/10/2024 09:15	11.44	5.97	102.13	15.12	10.72	3.39	53.4	16.32	27.54	14.36	245.81	32.66	10.27	161.49	
16/10/2024 09:20	11.23	5.86	99.76	15.21	9.28	2.58	46.92	16.78	27.5	14.27	243.17	31.31	8.71	158.35	
16/10/2024 09:25	11.33	5.56	102.56	15.11	9.55	2.78	47.8	16.73	27.2	13.34	246.23	31.78	9.26	159.13	
16/10/2024 09:30	11.71	5.83	102.1	15.11	10.61	3.08	54.74	16.14	28.12	13.99	245.15	31.05	8.98	159.46	
16/10/2024 09:35	11.61	5.67	100.33	15.16	10.32	2.81	50.14	16.38	28.14	13.7	242.75	31.74	8.63	154.23	
16/10/2024 09:40	11.43	5.52	101.7	15.1	10.55	2.63	50	16.39	27.41	13.23	243.86	32.5	8.09	154.07	
16/10/2024 09:45	11.18	5.58	102.63	15.1	10.46	2.85	53.38	16.27	26.79	13.38	245.96	31.44	8.48	159.24	
16/10/2024 09:50	11.06	5.52	100.42	15.21	9.35	2.8	41.75	17.2	27.11	13.45	244.43	35.13	10.53	156.69	
16/10/2024 09:55	11.13	5.33	102.05	15.09	9.52	2.81	42.14	17.16	26.62	12.75	244.15	35.36	10.46	156.59	
16/10/2024 10:00	11.28	5.73	103.18	15.1	10.19	3.05	49.23	16.62	27.02	13.73	247.09	33.23	9.88	158.66	
16/10/2024 10:05	11	5.64	100.72	15.2	8.71	2.38	40.42	17.25	26.88	13.66	244.36	33.21	9.08	154.05	
16/10/2024 10:10	11.36	5.45	102.01	15.08	8.69	2.2	40.89	17.21	27.13	13.03	243.				



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
16/10/2024 12:00	12.14	5.34	100.67	15.05	9.78	2.72	42.21	17.12	28.85	12.7	239.31	36.27	9.86	153.36	
16/10/2024 12:05	12.02	5.26	97.59	15.14	9.52	2.02	45.22	16.72	29.01	12.63	235.8	31.77	6.73	150.52	
16/10/2024 12:10	11.62	5.34	102.79	15.06	8.44	1.8	39.3	17.28	27.68	12.73	244.81	32.41	6.91	150.94	
16/10/2024 12:15	11.66	5.31	102.7	15.07	10.04	2.43	50.08	16.5	27.8	12.67	244.89	31.8	7.57	156.93	
16/10/2024 12:20	11.52	5.29	100.49	15.17	9.34	2.6	41.64	17.18	28.1	12.81	242.81	35.06	9.77	155.77	
16/10/2024 12:25	11.41	5.36	104.7	15.08	9.41	2.99	39.56	17.38	27.26	12.8	250.14	37.19	11.81	156.42	
16/10/2024 12:30	11.48	5.47	104.75	15.09	10.56	2.92	53.36	16.31	27.46	13.09	250.68	32.62	9.19	160.47	
16/10/2024 12:35	11.4	5.47	102.99	15.15	10.91	2.79	55.1	16.06	27.58	13.19	248.29	31.33	8.02	158.18	
16/10/2024 12:40	11.76	5.39	103.93	15.1	11.2	3.02	54.86	16.08	28.18	12.91	248.95	32.3	8.7	158.14	
16/10/2024 12:45	12.07	5.69	103.74	15.11	11.66	3.1	58.98	15.79	28.99	13.67	249.1	31.77	8.42	160.06	
16/10/2024 12:50	12.13	5.61	101.54	15.15	11.34	2.82	55.49	15.98	29.35	13.54	245.05	32.05	7.96	156.88	
16/10/2024 12:55	11.75	5.49	104.48	15.12	12.08	3.2	55.73	15.97	28.23	13.2	251.08	34.03	9.03	157.05	
16/10/2024 13:00	11.88	5.6	104.55	15.12	11.77	2.95	57.67	15.81	28.58	13.47	251.43	32.17	8.05	157.14	
16/10/2024 13:05	11.78	5.58	102.97	15.17	11.23	2.96	53.07	16.16	28.57	13.48	249.21	32.94	8.71	155.68	
16/10/2024 13:10	11.62	5.43	104.68	15.12	10.55	2.89	52.73	16.21	27.96	13.06	251.76	31.29	8.58	156.43	
16/10/2024 13:15	11.93	5.96	105.54	15.13	10.65	2.83	56.7	16.06	28.74	14.36	254.3	30.58	8.07	162.15	
16/10/2024 13:20	11.87	5.9	103.06	15.23	9.98	2.75	50.1	16.6	29.19	14.41	252.11	32.27	8.92	161.81	
16/10/2024 13:25	11.61	5.67	105.79	15.13	9.8	2.99	49.59	16.65	28	13.68	255.07	32.04	9.77	162.2	
16/10/2024 13:30	11.49	5.81	105.89	15.13	10.25	2.98	52.81	16.45	27.7	14.02	255.27	32.08	9.25	163.86	
16/10/2024 13:35	11.19	5.78	104.71	15.22	9.25	2.67	40.63	17.38	27.51	14.11	257.09	36.65	10.62	160.52	
16/10/2024 13:40	11.35	5.48	105.18	15.12	9.39	2.58	39.95	17.42	27.31	13.18	253.13	37.5	10.3	159.53	
16/10/2024 13:45	11.6	5.83	105.96	15.13	10.29	2.89	48.93	16.7	27.95	14.06	255.3	34.4	9.59	161.2	
16/10/2024 13:50	11.36	5.82	104.66	15.21	9.79	2.78	44.94	17.02	27.78	14.15	254.87	35.19	10.01	161.23	
16/10/2024 13:55	11.08	5.56	106.4	15.13	9.56	2.42	45.8	16.94	26.69	13.41	256.36	33.56	8.5	160.71	
16/10/2024 14:00	11.61	6.09	106.86	15.13	10.15	2.76	50.03	16.66	27.98	14.68	257.65	33.38	8.97	162.94	
16/10/2024 14:05	11.35	5.99	104.27	15.25	9.03	2.59	40.72	17.38	28.02	14.68	255.34	35.73	10.22	160.82	
16/10/2024 14:10	11.32	5.59	105.51	15.13	8.58	2.6	41.17	17.39	27.25	13.46	254.08	33.95	10.27	162.93	
16/10/2024 14:15	11.41	5.68	106.77	15.13	9.55	2.77	49.52	16.8	27.49	13.69	257.27	32.52	9.39	166.37	
16/10/2024 14:20	11.33	5.58	104.46	15.24	9.19	2.85	41.14	17.41	27.92	13.68	255.29	36.76	11.38	163.96	
16/10/2024 14:25	11.25	5.57	105.61	15.13	9.8	3.08	41.81	17.36	27.09	13.41	254.24	38.46	12.09	164.15	
16/10/2024 14:30	11.41	5.91	105.89	15.13	10.64	3.28	53.5	16.45	27.5	14.24	255.18	33.79	10.39	166.44	
16/10/2024 14:35	11.22	5.85	103.93	15.19	10.16	2.89	51.57	16.51	27.35	14.19	252.39	32.19	9.14	163.35	
16/10/2024 14:40	11.16	5.65	106.11	15.13	9.83	2.67	51.73	16.48	26.88	13.6	255.59	30.94	8.42	162.86	
16/10/2024 14:45	11.59	6	105.65	15.14	10.47	2.91	56.58	16.11	27.99	14.5	255.05	30.4	8.41	163.9	
16/10/2024 14:50	11.52	5.95	104.52	15.19	10.52	3	54.01	16.31	28.05	14.44	253.87	31.82	9.07	163.46	
16/10/2024 14:55	11.48	5.71	105.6	15.13	11.03	3.14	54.17	16.21	27.66	13.75	254.41	32.72	9.32	160.69	
16/10/2024 15:00	11.39	5.76	105.46	15.13	11.07	3.11	58.65	15.96	27.46	13.88	254.22	31.18	8.72	164.34	
16/10/2024 15:05	11.43	5.69	103.35	15.19	10.93	3.31	54.95	16.18	27.87	13.84	251.14	32.23	9.79	161.97	
16/10/2024 15:10	11.17	5.6	105.97	15.13	11.08	3.38	55.61	16.1	26.9	13.47	255.12	32.09	9.78	161.09	
16/10/2024 15:15	11.63	5.8	106.03	15.13	11.14	3.35	58.77	15.98	28.04	14	255.63	31.51	9.43	165.43	
16/10/2024 15:20	11.62	5.76	103.34	15.17	10.74	3.09	54.31	16.26	28.21	13.96	250.72	32.25	9.3	162.77	
16/10/2024 15:25	11.24	5.58	105.88	15.13	10.83	3.17	55.98	16.13	27.06	13.44	254.86	31.56	9.25	163.18	
16/10/2024 15:30	11.72	6.07	105.61	15.14	10.84	3.08	59.17	15.96	28.26	14.64	254.76	30.55	8.64	166.09	
16/10/2024 15:35	11.73	6.03	103.33	15.2	10.64	3.12	55.84	16.19	28.64	14.68	251.46	31.39	9.23	164.64	
16/10/2024 15:40	11.17	5.77	106.27	15.13	11.75	3.7	56.42	16.14	26.91	13.9	255.99	34.29	10.81	164.67	
16/10/2024 15:45	11.6	5.8	106.13	15.13	11.32	3.3	59.98	15.89	27.95	13.97	255.8	31.48	9.18	166.06	
16/10/2024 15:50	11.48	5.62	104.06	15.19	10.96	3.2	55.65	16.13	27.93	13.62	252.71	31.96	9.35	162.19	
16/10/2024 15:55	11.31	5.63	105.88	15.12	10.34	2.77	55.78	16.12	27.22	13.54	254.81	30.05	8.04	162.06	
16/10/2024 16:00	11.53	5.88	105.91	15.13	10.93	3.21	59.69	15.94	27.79	14.17	255.16	30.64	8.93	166.65	
16/10/2024 16:05	11.64	5.89	103.58	15.17	10.73	3.39	53.84	16.35	28.23	14.28	251.35	32.77	10.36	164.33	
16/10/2024 16:10	11.36	5.59	105.37	15.13	10.78	3.49	54.95	16.31	27.36	13.46	253.69	32.63	10.55	166.34	
16/10/2024 16:15	11.86	6.02	105.32	15.14	10.96	3.39	57.62	16.09	28.61	14.52	254.2	31.72	9.79	165.96	
16/10/2024 16:20	11.76	5.92	103.14	15.21	10.27	3.11	51.52	16.53	28.75	14.43	251.22	32.72	9.91	164.04	
16/10/2024 16:25	11.38	5.75	105.64	15.13	10.05	3.08	51.19	16.55	27.43	13.85	254.63	32.13	9.85	163.68	
16/10/2024 16:30	11.8	5.83	104.99	15.13	10.4	3.17	59.16	16.16	28.45	14.05	253.08	30.59	9.3	173.61	
16/10/2024 16:35	11.83	5.9	101.98	15.18	10.49	3.25	52.85	16.45	28.77	14.32	247.84	32.74	10.16	164.95	
16/10/2024 16:40	11.39	5.69	105.69	15.13	10.86	3.36	52.98	16.45	27.43	13.71	254.63	33.91	10.49	165.44	
16/10/2024 16:45	11.64	5.81	105.04	15.14	11.15	3.41	57.46	16.09	28.09	14.02	253.5	32.33	9.86	165.61	
16/10/2024 16:50	11.78	5.8	103.84	15.15	12.39	3.62	64.59	15.33	28.45	14.02	250.8	30.95	9.04	161.29	
16/10/2024 16:55	11.47	5.64	105.09	15.13	12.78	3.63	66.02	15.25	27.63	13.58	253.13	31.44	8.92	162.37	
16/10/2024 17:00	11.75	6.17	105.83	15.14	11.55	3.45	63.5	15.64	28.38	14.89	255.59	30.47	9.09	167.34	
16/10/2024 17:05	11.58	6.13	104.04	15.2	10.52	3.21	54.5	16.3	28.27	14.92	253.27	31.83	9.72	164.74	
16/10/2024 17:10	11.24	5.75	106.05	15.13	10.58	3.77	56.5	16.25	27.11	13.86	255.69	31.62	11.26	168.89	
16/10/2024 17:15	11.53	6.03	107.15	15.14	10.4	3.21	57.45	16.12	27.83	14.54	258.5	30.26	9.31	166.67	
16/10/2024 17:20	11.36	5.89	104.31	15.23	9.95	3.11	51.05	16.58	27.86	14.39	254.91	32.09	10.05	164.47	
16/10/2024 17:25	11.3	5.71	105.94	15.12	9.75	3.08	51.13	16.58	27.2	13.74	254.96	31.38	9.91	164.55	
16/10/2024 17:30	13.05	5.19	97.66	15.1	10.24	2.92	55.51	16.24	31.25	12.43	233.88	30.53	8.72	164.89	
16/10/2024 17:35	12.98	5.16	95.71	15.16	10.06	3.21	51.09	16.58	31.43	12.48	231.11	32.45	10.36	164.49	
16/10/2024 17:40	12.73	5.03	98.28	15.09	10.22	3.27	51.83	16.53	30.46	12.05	235.19	32.54	10.4	165.02	
16/10/2024 17:45	13.01	5.51	99.05	15.11	10.66	3.28	56.57	16.19	31.21	13.22	237.65	31.49	9.68	166.5	
16/10/2024 17:50	12.83	5.51	97.06	15.17	10.2	3.16	51.97	16.53	31.13	13.34	234.87	32.45	10.07	165.23	
16/10/2024 17:55	12.73	5.27	99.06	15.1	10.11	3.22	52.88	16.51	30.53	12.63	237.54	32	10.2		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
16/10/2024 19:45	10.83	6.05	107.33	15.15	11.3	3.59	60.88	15.86	26.21	14.63	259.66	31.22	9.87	167.14	
16/10/2024 19:50	10.79	5.96	105.15	15.22	10.47	3.16	55.93	16.14	26.42	14.52	256.66	30.56	9.21	163.38	
16/10/2024 19:55	11.01	5.91	107	15.15	10.81	3.42	57.31	16.07	26.6	14.29	258.62	31.14	9.86	165.05	
16/10/2024 20:00	10.92	5.81	106.75	15.15	10.76	3.32	61.09	15.84	26.42	14.05	258.27	29.63	9.11	167.39	
16/10/2024 20:05	10.68	5.67	104.46	15.18	10.92	3.49	57.16	16.08	25.99	13.78	253.99	31.53	10.07	165.01	
16/10/2024 20:10	11.14	5.91	106.52	15.15	11.06	3.7	58.52	16.04	26.94	14.28	257.58	31.62	10.59	167.27	
16/10/2024 20:15	11.28	5.93	106.4	15.16	11.02	3.51	62.07	15.81	27.29	14.35	257.54	30.17	9.59	169.18	
16/10/2024 20:20	11.47	5.95	104.99	15.19	10.89	3.58	57.74	16.08	27.95	14.48	255.31	31.41	10.32	166.45	
16/10/2024 20:25	10.81	5.68	106.34	15.16	10.75	3.55	58.64	15.99	26.16	13.74	257.41	30.42	10.04	165.92	
16/10/2024 20:30	11.67	6.62	106.15	15.17	10.98	3.62	61.57	15.85	28.32	16.08	257.7	30.27	9.94	169.12	
16/10/2024 20:35	11.78	6.64	104.07	15.22	10.62	3.4	56.76	16.13	28.81	16.2	254.06	31.01	9.93	165.57	
16/10/2024 20:40	11.13	6.04	106.79	15.16	10.61	3.58	57.45	16.11	26.97	14.62	258.7	30.76	10.38	166.59	
16/10/2024 20:45	11.22	6.2	106.34	15.17	10.62	3.44	60.36	15.94	27.21	15.04	257.85	29.79	9.63	168.68	
16/10/2024 20:50	11.07	6.17	104.7	15.21	10.56	3.4	56.18	16.19	27.08	15.05	255.46	31.2	10.06	165.9	
16/10/2024 20:55	10.95	5.94	107.01	15.16	10.83	3.49	57.03	16.14	26.51	14.39	258.99	31.62	10.18	166.56	
16/10/2024 21:00	11.6	6.48	106.99	15.16	10.49	3.22	60.29	15.93	28.09	15.7	259.08	29.39	8.99	168.23	
16/10/2024 21:05	11.8	6.56	104.59	15.22	10.6	3.5	56.83	16.15	28.94	16.06	255.55	31.03	10.26	166.3	
16/10/2024 21:10	10.81	5.81	107.05	15.15	10.69	3.55	57.66	16.11	26.13	14.04	258.79	31.03	10.3	167.4	
16/10/2024 21:15	11.19	6.1	107.45	15.16	10.53	3.35	60.44	15.92	27.1	14.77	260.27	29.44	9.35	168.25	
16/10/2024 21:20	11.07	5.79	105.56	15.21	10.58	3.41	54.58	16.23	27.08	14.12	257.53	31.51	10.17	162.45	
16/10/2024 21:25	10.73	5.62	106.06	15.16	10.72	3.31	55.38	16.16	25.97	13.61	256.79	31.44	9.72	162.42	
16/10/2024 21:30	11.54	6.21	106.74	15.17	10.69	3.31	59.5	15.97	28	15.07	259.07	30.19	9.33	167.32	
16/10/2024 21:35	11.23	5.88	104.16	15.2	10.2	3.22	54.47	16.28	27.38	14.32	253.89	30.69	9.7	163.79	
16/10/2024 21:40	11.15	5.89	106.3	15.16	9.94	3.27	54.69	16.25	27.01	14.27	257.6	29.73	9.77	163.58	
16/10/2024 21:45	11.63	6.31	107.06	15.17	10.45	3.27	58.61	16.02	28.22	15.31	259.65	29.79	9.3	166.42	
16/10/2024 21:50	11.54	6.12	105.35	15.21	10.33	3.23	54.78	16.24	28.21	14.93	256.87	30.8	9.63	163.33	
16/10/2024 21:55	10.88	5.62	105.71	15.16	10.61	3.42	55.06	16.2	26.34	13.61	255.93	31.38	10.13	162.84	
16/10/2024 22:00	11.36	6.2	105.84	15.16	10.65	3.24	59.59	15.99	27.54	15.01	256.51	30.17	9.15	168.35	
16/10/2024 22:05	11.41	6.18	103.87	15.23	10.66	3.4	54.33	16.22	27.99	15.1	254.08	31.67	10.1	161.34	
16/10/2024 22:10	11.36	5.99	104.76	15.16	10.47	3.49	54.77	16.2	27.51	14.51	253.75	30.96	10.31	161.97	
16/10/2024 22:15	11.74	6.24	104.24	15.17	10.96	3.37	58.93	15.9	28.47	15.14	252.81	30.53	9.35	163.12	
16/10/2024 22:20	11.76	6.23	102.5	15.21	11.27	3.41	54.4	16.1	28.74	15.19	249.98	32.63	9.86	157.35	
16/10/2024 22:25	11.28	5.79	104.47	15.16	11.63	3.6	56.34	16.02	27.32	14.03	253.09	33.14	10.25	160.6	
16/10/2024 22:30	11.79	6.08	104.09	15.18	11.19	3.45	58.82	15.91	28.67	14.78	253.06	31.18	9.58	163.26	
16/10/2024 22:35	11.76	5.96	102.04	15.23	10.65	3.29	54.45	16.2	28.83	14.58	249.58	31.51	9.75	161.04	
16/10/2024 22:40	11.47	6.05	104.93	15.18	10.89	3.3	54.86	16.17	27.85	14.69	254.81	32.03	9.7	161.33	
16/10/2024 22:45	11.38	6.25	105.56	15.18	10.93	3.38	58.68	15.95	27.65	15.2	256.48	30.75	9.46	164.34	
16/10/2024 22:50	11.27	6.23	103.68	15.23	10.5	3.2	54	16.25	27.63	15.22	253.43	31.4	9.58	161.4	
16/10/2024 22:55	11.13	5.89	105.27	15.17	10.55	3.28	55	16.18	27.02	14.31	255.59	31.03	9.66	161.8	
16/10/2024 23:00	11.38	6.05	105.48	15.18	10.73	3.35	58.35	16.01	27.64	14.69	256.16	30.51	9.48	165.18	
16/10/2024 23:05	11.39	6.03	103.12	15.23	10.73	3.46	52.91	16.33	27.99	14.77	252.36	32.64	10.54	160.8	
16/10/2024 23:10	11.39	6.02	104.24	15.17	11.16	3.66	53.89	16.3	27.63	14.6	252.89	33.68	11.04	162.68	
16/10/2024 23:15	10.94	5.83	104.51	15.17	11.02	3.51	58.41	15.99	26.54	14.13	253.56	31.29	9.93	164.63	
16/10/2024 23:20	10.9	5.85	102.75	15.21	10.64	3.46	53.82	16.25	26.65	14.27	250.61	31.83	10.35	160.91	
16/10/2024 23:25	11.36	5.92	103.84	15.16	10.69	3.49	54.89	16.14	27.52	14.34	251.65	31.21	10.18	160.31	
16/10/2024 23:30	11.42	6.2	103.73	15.18	10.92	3.4	59.36	15.99	27.74	15.05	251.93	30.91	9.59	167.54	
16/10/2024 23:35	11.4	6.14	101.6	15.24	10.62	3.36	53.34	16.26	28.02	15.04	249.13	31.8	10.06	159.73	
16/10/2024 23:40	11.37	5.83	103.54	15.17	10.33	3.28	54.06	16.2	27.6	14.15	251.23	30.58	9.72	160.05	
16/10/2024 23:45	11.7	6.19	104.47	15.18	10.41	3.22	57.56	16.02	28.45	15.06	254.07	29.69	9.15	163.46	
16/10/2024 23:50	11.5	5.96	102.03	15.24	10.58	3.34	53.38	16.3	28.28	14.61	250.21	32	10.09	161.38	
16/10/2024 23:55	11.22	5.95	104.16	15.17	10.59	3.35	55.17	16.18	27.23	14.43	252.72	31.17	9.84	162.36	
17/10/2024 00:00	11.65	6.15	103.9	15.17	10.62	3.37	58.32	16	28.28	14.91	252.16	30.19	9.53	164.96	
17/10/2024 00:05	11.57	6	100.26	15.21	10.39	3.36	52.79	16.35	28.32	14.65	244.52	31.75	10.27	161.3	
17/10/2024 00:10	11.46	6.04	103.57	15.17	11.05	3.67	53.73	16.28	27.79	14.66	251.27	33.23	11.05	161.66	
17/10/2024 00:15	11.45	6.18	105.16	15.18	10.96	3.46	57.84	16	27.81	15.02	255.41	31.16	9.84	163.57	
17/10/2024 00:20	11.49	6.2	102.78	15.22	10.44	3.36	53.97	16.23	28.12	15.14	251.28	31.11	10.01	160.76	
17/10/2024 00:25	11.23	5.77	103.5	15.17	10.86	3.35	54.34	16.17	27.24	14	251.03	31.91	9.83	159.71	
17/10/2024 00:30	11.75	6.35	104.58	15.18	10.57	3.22	58.26	15.96	28.57	15.44	254.23	29.8	9.05	163.46	
17/10/2024 00:35	11.82	6.34	102.75	15.23	10.38	3.32	53.56	16.28	28.98	15.51	251.28	31.25	10.02	161.09	
17/10/2024 00:40	11.37	5.97	103.5	15.17	10.69	3.2	54.81	16.19	27.58	14.49	251.01	31.51	9.45	161.62	
17/10/2024 00:45	11.75	6.38	103.31	15.18	10.86	3.34	58.28	15.95	28.53	15.5	250.99	30.55	9.35	163.28	
17/10/2024 00:50	11.89	6.48	101.46	15.23	10.5	3.42	54.66	16.22	29.15	15.85	248.29	31.18	10.15	162.18	
17/10/2024 00:55	11.45	6.06	103.64	15.17	10.5	3.41	55.28	16.16	27.78	14.71	251.49	30.82	10	162.25	
17/10/2024 01:00	11.84	6.19	103.03	15.17	10.81	3.43	60.18	15.91	28.73	15.02	250.09	30.15	9.52	166.85	
17/10/2024 01:05	11.71	6	100.12	15.24	10.38	3.4	54.93	16.2	28.78	14.68	245.16	30.74	10.08	162.65	
17/10/2024 01:10	11.46	5.98	103.03	15.17	10.7	3.53	55.86	16.12	27.82	14.51	250	31.14	10.28	162.5	
17/10/2024 01:15	11.86	6.17	102.87	15.18	10.7	3.39	59.86	15.87	28.8	14.99	249.85	29.62	9.37	165.14	
17/10/2024 01:20	11.87	6.16	100.5	15.21	10.73	3.54	56.13	16.1	29.01	15.02	245.41	31.06	10.25	162.41	
17/10/2024 01:25	11.21	5.68	103.15	15.17	11.09	3.77	57.03	16.06	27.16	13.78	250.06	31.89	10.83	163.93	
17/10/2024 01:30	11.5	5.93	103.4	15.18	10.88	3.47	59.53	15.9	27.92	14.39	251.1	30.27	9.65	165.02	
17/10/2024 01:35	11.51	5.93	101.82	15.23	10.73	3.58	55.61	16.14	28.23	14.51	249.23	31.33	10.45	162.24	
17/10/2024 01:40	11.47	5.92	103	15.17	10.75	3.49	55.95	16.04	27.84	14.35	249.89	30			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/10/2024 03:30	11.66	6.33	104.93	15.17	10.92	3.46	60.31	15.82	28.28	15.35	254.58	29.89	9.47	164.72	
17/10/2024 03:35	11.7	6.34	102.15	15.2	10.65	3.57	56.79	16.06	28.55	15.45	248.98	30.57	10.25	163	
17/10/2024 03:40	11.51	6.06	103.64	15.17	10.75	3.77	58.31	15.96	27.94	14.71	251.53	30.25	10.6	164.11	
17/10/2024 03:45	11.69	6.17	104.34	15.17	10.83	3.55	60.78	15.82	28.37	14.97	253.23	29.63	9.71	165.83	
17/10/2024 03:50	11.84	6.29	104.23	15.2	10.79	3.54	55.64	16.11	28.91	15.34	254.39	31.36	10.3	161.53	
17/10/2024 03:55	11.09	5.86	105.02	15.16	10.75	3.66	56.91	16.04	26.86	14.21	254.4	30.72	10.45	162.62	
17/10/2024 04:00	11.3	6.12	104.79	15.17	10.59	3.52	60.58	15.87	27.41	14.84	254.31	29.31	9.72	166.92	
17/10/2024 04:05	11.13	6.05	103.1	15.21	10.58	3.57	57.15	16.13	27.22	14.75	251.58	30.88	10.41	166.68	
17/10/2024 04:10	11.14	6.13	106.16	15.16	10.56	3.6	58.2	16.07	27	14.85	257.25	30.37	10.34	167.35	
17/10/2024 04:15	11.6	6.55	105.67	15.18	10.66	3.6	60.82	15.93	28.21	15.93	256.87	29.86	10.05	169.79	
17/10/2024 04:20	11.51	6.46	103.23	15.21	10.17	3.54	57.12	16.19	28.14	15.76	252.33	30.04	10.44	168.6	
17/10/2024 04:25	10.96	6.03	106.09	15.17	10.38	3.6	58.16	16.11	26.58	14.63	257.22	30.13	10.44	168.91	
17/10/2024 04:30	11.4	6.43	106.79	15.17	10.54	3.63	61.45	15.91	27.66	15.61	259.21	29.38	10.08	170.71	
17/10/2024 04:35	11.22	6.27	104.81	15.2	10.41	3.44	56.56	16.15	27.36	15.26	255.42	30.47	10.07	165.56	
17/10/2024 04:40	11.43	6.09	103.87	15.17	10.78	3.44	57.89	16.04	27.73	14.78	252.06	30.84	9.84	165.59	
17/10/2024 04:45	11.54	6.36	103.04	15.17	10.61	3.42	59.73	15.91	28.01	15.43	250.1	29.59	9.48	165.99	
17/10/2024 04:50	11.5	6.4	101.14	15.21	10.47	3.49	54.33	16.19	28.1	15.61	246.75	30.94	10.3	160.44	
17/10/2024 04:55	10.92	5.62	103.53	15.16	10.55	3.63	55.03	16.1	26.47	13.62	250.88	30.55	10.51	159.41	
17/10/2024 05:00	11.52	5.92	103.79	15.17	10.58	3.32	59.98	15.83	27.96	14.36	251.81	29.04	9.11	163.78	
17/10/2024 05:05	11.48	5.84	102.93	15.2	10.78	3.67	57.07	16	27.99	14.23	250.76	30.57	10.42	161.79	
17/10/2024 05:10	11.53	6	103.24	15.17	11.25	3.8	57.84	15.88	27.96	14.55	250.44	31.18	10.53	160.3	
17/10/2024 05:15	12.08	6.6	104.09	15.18	10.97	3.65	59.51	15.86	29.37	16.04	253.06	30.24	10.02	163.71	
17/10/2024 05:20	12.13	6.66	101.38	15.21	10.66	3.57	55.85	16.12	29.65	16.25	247.78	31.01	10.39	162.41	
17/10/2024 05:25	11.39	6.05	104.71	15.17	10.83	3.58	56.09	16.04	27.64	14.69	254.13	30.95	10.23	160.35	
17/10/2024 05:30	12.4	7.03	105.72	15.19	11.02	3.64	60.7	15.83	30.19	17.1	257.34	30.22	9.96	165.96	
17/10/2024 05:35	12.43	6.96	103.85	15.23	10.72	3.53	57.59	15.99	30.48	17.03	254.42	30.34	10.01	162.93	
17/10/2024 05:40	11.84	6.02	102.6	15.18	11.06	3.56	58.08	15.88	28.74	14.61	249.11	30.63	9.87	160.8	
17/10/2024 05:45	11.98	6.22	102.37	15.19	11.08	3.5	59.36	15.82	29.13	15.13	249.03	30.35	9.56	162.33	
17/10/2024 05:50	12.03	6.2	100.03	15.24	10.88	3.56	56.38	16.04	29.54	15.18	245.01	31.1	10.19	161.16	
17/10/2024 05:55	11.71	5.97	103.12	15.17	10.97	3.7	57.13	16	28.44	14.48	250.37	31.09	10.5	161.89	
17/10/2024 06:00	11.92	6.31	102.64	15.18	10.96	3.51	60.1	15.83	28.94	15.33	249.3	30.06	9.59	164.29	
17/10/2024 06:05	11.85	6.26	100.36	15.23	10.96	3.6	56.13	16.04	29.05	15.31	245.44	31.36	10.29	160.54	
17/10/2024 06:10	11.69	6.01	101.77	15.18	11.23	3.74	57.05	15.95	28.38	14.6	247.2	31.54	10.49	160.14	
17/10/2024 06:15	11.74	5.94	100.59	15.18	10.97	3.55	59.26	15.87	28.54	14.44	244.45	30.35	9.8	163.46	
17/10/2024 06:20	11.63	5.87	98.17	15.23	10.83	3.64	54.88	16.15	28.54	14.37	240.37	31.73	10.67	160.66	
17/10/2024 06:25	11.74	5.97	102.28	15.18	11.03	3.88	55.78	16.1	28.5	14.5	248.38	31.91	11.22	161.38	
17/10/2024 06:30	11.78	5.96	102.12	15.18	11.05	3.57	60.01	15.8	28.62	14.49	248.15	30.17	9.75	163.15	
17/10/2024 06:35	11.74	5.98	100.93	15.21	11.11	3.72	57.28	15.94	28.67	14.59	246.13	31.17	10.45	160.68	
17/10/2024 06:40	11.35	5.82	102.15	15.17	11.56	3.67	58.09	15.84	27.56	14.14	247.99	31.76	10.09	159.56	
17/10/2024 06:45	11.82	5.99	101.3	15.18	11.13	3.56	60.51	15.74	28.75	14.56	246.32	30.02	9.59	162.78	
17/10/2024 06:50	11.93	5.99	99.96	15.21	11.2	3.65	57.46	15.91	29.16	14.63	243.86	31.19	10.18	159.91	
17/10/2024 06:55	11.38	5.81	102.11	15.17	11.47	3.66	58.7	15.83	27.61	14.1	247.69	31.45	10.03	160.98	
17/10/2024 07:00	11.52	6.14	102.24	15.18	11.04	3.56	61.3	15.73	28.02	14.94	248.65	29.71	9.55	164.54	
17/10/2024 07:05	11.57	6.22	101.08	15.21	11.02	3.63	59.23	15.83	28.25	15.16	246.61	30.25	9.97	162.37	
17/10/2024 07:10	11.42	6.11	104.17	15.18	11.25	3.83	61.86	15.59	27.73	14.84	252.93	29.47	10.03	162.04	
17/10/2024 07:15	11.96	6.7	104.98	15.19	11.35	3.83	65.4	15.46	29.1	16.29	255.37	29	9.77	166.81	
17/10/2024 07:20	12.02	6.71	104.29	15.19	11.48	3.69	63.82	15.45	29.28	16.35	253.98	29.29	9.4	162.75	
17/10/2024 07:25	11.02	6.05	104.16	15.17	11.67	3.88	64.28	15.42	26.74	14.67	252.66	29.61	9.83	163.06	
17/10/2024 07:30	11.07	6.07	103.6	15.17	11.22	3.54	65.96	15.36	26.84	14.71	251.31	28.14	8.88	165.31	
17/10/2024 07:35	11.27	6.05	101.53	15.18	11.7	3.85	64.76	15.38	27.4	14.71	246.7	29.49	9.71	163.2	
17/10/2024 07:40	11.37	5.95	103.57	15.16	11.86	3.92	64.2	15.36	27.53	14.41	250.65	29.78	9.85	161.21	
17/10/2024 07:45	11.65	6.06	102.32	15.16	11.61	3.58	64.8	15.35	28.22	14.68	247.91	29.05	8.95	162.06	
17/10/2024 07:50	11.74	6.07	100.63	15.17	12.14	3.79	63.04	15.4	28.5	14.72	244.1	30.68	9.58	159.23	
17/10/2024 07:55	11.26	5.78	103.49	15.15	12.13	3.81	63.86	15.37	27.22	13.99	250.23	30.49	9.59	160.57	
17/10/2024 08:00	11.4	5.95	103.96	15.16	11.69	3.62	65.36	15.32	27.62	14.41	251.94	29.13	9.01	162.8	
17/10/2024 08:05	11.46	5.82	102	15.18	11.79	3.62	63.84	15.35	27.83	14.11	247.55	29.52	9.06	159.87	
17/10/2024 08:10	11.06	5.64	103.13	15.15	11.81	3.72	63.78	15.33	26.76	13.65	249.43	29.5	9.29	159.29	
17/10/2024 08:15	11.82	6.22	103.03	15.17	11.74	3.56	64.84	15.32	28.66	15.09	249.86	29.28	8.87	161.54	
17/10/2024 08:20	11.89	6.05	100.77	15.18	11.83	3.55	62.91	15.38	28.9	14.7	244.79	29.78	8.93	158.42	
17/10/2024 08:25	11.46	5.81	101.93	15.15	11.78	3.61	62.97	15.36	27.73	14.06	246.57	29.58	9.07	158.11	
17/10/2024 08:30	11.9	6.13	102.38	15.16	11.56	3.34	64.14	15.35	28.81	14.83	247.78	28.97	8.37	160.67	
17/10/2024 08:35	12.08	6.13	100.25	15.16	11.85	3.69	63.28	15.41	29.27	14.85	242.95	30	9.33	160.19	
17/10/2024 08:40	11.22	5.65	103.23	15.14	12.41	3.58	62.7	15.38	27.08	13.65	249.23	31.25	9.02	157.93	
17/10/2024 08:45	11.59	6.01	103.22	15.16	11.93	3.52	65.05	15.33	28.04	14.54	249.83	29.79	8.79	162.3	
17/10/2024 08:50	11.69	5.9	101.71	15.17	11.86	3.52	64.29	15.35	28.34	14.3	246.51	29.74	8.81	161.12	
17/10/2024 08:55	11.44	5.76	102.36	15.15	12.3	3.53	64.52	15.33	27.65	13.93	247.41	30.7	8.82	161.08	
17/10/2024 09:00	11.65	5.84	102.69	15.15	11.9	3.33	64.39	15.32	28.16	14.11	248.2	29.66	8.29	160.46	
17/10/2024 09:05	11.52	5.68	101.14	15.16	12.19	3.53	63.06	15.36	27.9	13.75	244.69	30.62	8.87	158.36	
17/10/2024 09:10	11.64	5.68	101.56	15.14	12.3	3.77	63.69	15.35	28.09	13.71	244.98	30.8	9.44	159.51	
17/10/2024 09:15	11.75	5.47	100.46	15.14	12.28	3.62	65.37	15.27	28.34	13.19	242.39	30.3	8.93	161.22	
17/10/2024 09:20	11.76	5.34	98.86	15.14	12.58	3.62	64.48	15.25	28.4	12.89	238.6	30.96	8.92	158.78	
17/10/2024 09:25	11.57	5.42	101.49	15.13	12.59	3.45	64.31	15.25	27.86	13.07					



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/10/2024 11:15	11.65	4.98	101.52	15.03	12.42	3.33	65.43	15.12	27.6	11.8	240.53	29.85	8	157.17	
17/10/2024 11:20	11.82	4.91	100.11	15.04	12.67	3.21	63.27	15.12	28.04	11.64	237.35	30.47	7.71	152.21	
17/10/2024 11:25	12.1	5.27	100.28	15.03	12.75	3.47	63.45	15.12	28.64	12.49	237.38	30.66	8.35	152.6	
17/10/2024 11:30	11.27	4.9	101.56	15.03	12.37	3.23	65.24	15.1	26.69	11.62	240.54	29.66	7.74	156.43	
17/10/2024 11:35	11.2	4.83	100.26	15.03	12.56	3.11	63.43	15.12	26.55	11.44	237.57	30.18	7.46	152.44	
17/10/2024 11:40	11.86	5.3	100.13	15.02	12.44	2.92	62.77	15.11	28.07	12.55	236.9	29.86	7.02	150.66	
17/10/2024 11:45	11.43	4.84	100.45	15.02	12.32	3.02	65.01	15.09	27	11.44	237.29	29.5	7.23	155.58	
17/10/2024 11:50	11.42	4.72	99.06	15.02	12.39	2.93	63.45	15.11	26.99	11.16	234.08	29.76	7.05	152.41	
17/10/2024 11:55	11.96	5.35	99.78	15.02	12.75	3.28	63.14	15.12	28.3	12.65	236.04	30.66	7.9	151.85	
17/10/2024 12:00	11.68	4.91	100.71	15.02	12.59	3.17	64.1	15.1	27.61	11.6	238.12	30.19	7.6	153.6	
17/10/2024 12:05	11.75	4.76	99.7	15.03	12.27	2.87	63.14	15.11	27.8	11.27	235.9	29.45	6.89	151.58	
17/10/2024 12:10	11.96	5.22	99.94	15.02	12.27	2.88	63.33	15.11	28.29	12.35	236.44	29.45	6.91	152.06	
17/10/2024 12:15	11.43	4.7	99.23	15.02	12.16	2.92	66.25	15.09	27.01	11.11	234.51	29.11	6.99	158.47	
17/10/2024 12:20	11.37	4.57	97.81	15.02	12.13	2.88	64.63	15.11	26.88	10.82	231.27	29.13	6.91	155.16	
17/10/2024 12:25	12.03	5.33	100.13	15.03	12.48	3.52	65.95	15.12	28.46	12.62	236.91	30.01	8.45	158.53	
17/10/2024 12:30	11.66	4.85	100.12	15.02	12.37	3.11	66.35	15.1	27.57	11.47	236.67	29.63	7.46	158.88	
17/10/2024 12:35	11.63	4.72	99	15.02	11.69	2.67	63.95	15.11	27.51	11.15	234.05	28.1	6.42	153.64	
17/10/2024 12:40	11.96	5.25	100.04	15.02	12.19	3.1	64.38	15.12	28.28	12.41	236.57	29.93	7.45	154.9	
17/10/2024 12:45	11.52	4.67	98.59	15.02	12.48	3.13	64.22	15.1	27.24	11.05	233.09	29.91	7.49	153.92	
17/10/2024 12:50	11.54	4.64	96.92	15.02	12.57	2.89	61.73	15.11	27.29	10.98	229.24	30.19	6.93	148.28	
17/10/2024 12:55	12.22	5.23	98.97	15.03	12.98	3.19	61.63	15.12	28.93	12.39	234.27	31.22	7.67	148.17	
17/10/2024 13:00	12.01	4.87	99.37	15.03	12.68	3.09	64.27	15.1	28.42	11.53	235.16	30.37	7.39	153.89	
17/10/2024 13:05	11.93	4.67	97.85	15.03	11.97	2.67	63.44	15.1	28.24	11.05	231.62	28.69	6.41	152.07	
17/10/2024 13:10	12.04	5.15	99.25	15.03	12.13	2.89	62.36	15.1	28.5	12.19	234.92	29.07	6.93	149.53	
17/10/2024 13:15	12.14	5.15	100.02	15.03	12.87	3.41	64.87	15.09	28.74	12.2	236.85	30.81	8.17	155.28	
17/10/2024 13:20	12.04	4.82	98.3	15.03	12.65	2.89	63.63	15.09	28.51	11.42	232.76	30.26	6.92	152.25	
17/10/2024 13:25	11.19	4.47	99.57	15	12.31	2.49	63.39	15.08	26.37	10.53	234.58	29.4	5.93	151.35	
17/10/2024 13:30	11.97	5.07	99.85	15.02	12.71	3.08	64.62	15.08	28.28	11.99	235.89	30.34	7.35	154.21	
17/10/2024 13:35	12.07	4.98	98.95	15.02	12.48	2.84	63.52	15.08	28.52	11.77	233.8	29.79	6.78	151.62	
17/10/2024 13:40	11.83	4.99	99.37	15	12.83	3.03	63.59	15.07	27.85	11.75	233.92	30.59	7.23	151.63	
17/10/2024 13:45	11.57	4.44	98.98	15	12.7	2.97	64.31	15.07	27.28	10.46	233.26	30.27	7.08	153.2	
17/10/2024 13:50	11.64	4.41	97.75	15.01	12.4	2.75	63.03	15.08	27.45	10.4	230.57	29.63	6.57	150.61	
17/10/2024 13:55	11.46	4.98	100.66	15.01	12.7	3.13	64.67	15.09	27.07	11.77	237.72	30.38	7.48	154.66	
17/10/2024 14:00	11.28	5.14	101.95	15.02	12.5	3.24	65.61	15.08	26.69	12.15	241.17	29.85	7.73	156.71	
17/10/2024 14:05	11.25	4.97	100.44	15.03	12.1	2.82	64.58	15.08	26.63	11.76	237.66	28.92	6.73	154.29	
17/10/2024 14:10	11.25	4.83	100.54	15.02	12.19	2.7	64.05	15.08	26.63	11.44	237.86	29.1	6.46	152.91	
17/10/2024 14:15	11.67	5.23	100.42	15.04	12.52	3.23	66.29	15.08	27.69	12.42	238.21	29.93	7.72	158.43	
17/10/2024 14:20	11.63	5.02	98.86	15.04	12.14	2.68	64.71	15.08	27.59	11.91	234.51	28.99	6.4	154.48	
17/10/2024 14:25	11.49	4.96	100.5	15.03	12.02	2.41	64.56	15.07	27.22	11.74	237.98	28.65	5.74	153.94	
17/10/2024 14:30	11.78	5.39	101.29	15.04	12.46	3.06	65.49	15.08	27.96	12.8	240.45	29.75	7.3	156.36	
17/10/2024 14:35	11.67	5.23	100.45	15.04	11.68	2.42	64.85	15.08	27.7	12.42	238.42	27.88	5.78	154.79	
17/10/2024 14:40	11.59	5.02	100.57	15.04	11.31	2.19	64.48	15.07	27.49	11.9	238.47	26.97	5.22	153.75	
17/10/2024 14:45	11.48	5.33	101.76	15.05	11.83	2.75	65.93	15.08	27.27	12.65	241.63	28.26	6.58	157.52	
17/10/2024 14:50	11.44	5.2	100.14	15.05	11.79	2.68	64.93	15.09	27.18	12.35	237.86	28.21	6.42	155.41	
17/10/2024 14:55	11.5	5.26	101.73	15.04	12.45	2.95	64.31	15.1	27.28	12.48	241.38	29.82	7.08	154	
17/10/2024 15:00	11.14	5.05	102.87	15.05	12.09	2.88	65.78	15.12	26.47	12	244.34	29.08	6.92	158.18	
17/10/2024 15:05	11.13	5.02	102.45	15.05	11.41	2.99	64.24	15.18	26.45	11.94	243.47	27.73	7.27	156.16	
17/10/2024 15:10	10.71	5.11	101.57	14.98	11.92	3.16	63.72	15.16	25.16	12.01	238.54	28.87	7.65	154.28	
17/10/2024 15:15	11.04	5.53	101.93	14.95	10.68	3.04	58.27	15.69	25.79	12.93	238.13	28.42	8.07	154.67	
17/10/2024 15:20	11.02	5.47	100.99	14.95	7.93	2.27	41.25	17.05	25.73	12.77	235.77	30.83	8.87	146.9	
17/10/2024 15:25	10.2	5.26	100.83	14.88	10.8	2.95	63.78	15.03	23.58	12.15	232.98	25.56	6.99	150.98	
17/10/2024 15:30	10.75	5.69	101.63	14.88	10.97	3.22	65.91	14.95	24.83	13.15	234.8	25.63	7.53	153.93	
17/10/2024 15:35	10.77	5.61	100.05	14.88	11.02	3.18	65.49	14.9	24.86	12.94	230.98	25.52	7.37	151.64	
17/10/2024 15:40	10.37	5.35	101.8	14.87	10.94	3.2	65.27	14.92	23.93	12.34	234.82	25.41	7.45	151.63	
17/10/2024 15:45	10.63	5.36	101.68	14.96	10.79	3.02	66.21	15	24.87	12.55	237.87	25.42	7.1	155.96	
17/10/2024 15:50	10.64	5.21	99.77	15	11.13	3.16	66.28	15.17	25.08	12.26	234.91	26.99	7.67	160.66	
17/10/2024 15:55	10.38	5.26	101.96	15.24	11.3	3.24	65.56	15.22	25.5	12.91	250.43	27.62	7.91	160.32	
17/10/2024 16:00	10.61	5.66	103.01	15.33	10.05	2.96	60.97	15.9	26.47	14.1	256.87	27.97	8.18	169.62	
17/10/2024 16:05	10.39	5.59	99.3	15.44	8.46	2.83	44.42	17.44	26.56	14.22	252.87	34.16	11.47	178.62	
17/10/2024 16:10	10.11	5.46	104.17	15.44	7.91	2.77	40.97	17.79	25.76	13.91	265.3	35.36	12.38	183.24	
17/10/2024 16:15	10.69	5.88	103.45	15.48	8.53	2.83	47.53	17.3	27.41	15.09	265.34	33.15	10.92	182.14	
17/10/2024 16:20	10.38	5.75	101.48	15.64	6.94	2.52	27.07	19.03	28.26	15.4	276.4	54.32	19.85	205.32	
17/10/2024 16:25	10.32	5.51	103.07	15.52	6.41	2.34	22.73	19.47	26.7	14.26	266.55	62.08	22.72	220.31	
17/10/2024 16:30	10.97	6	103.86	15.55	7.86	2.68	40.27	18.05	28.47	15.57	269.61	43.98	15.26	200.68	
17/10/2024 16:35	10.61	5.85	100.39	15.76	7.2	2.64	30.19	18.85	29.38	15.99	271.73	50.35	18.55	206.86	
17/10/2024 16:40	10.3	5.55	103.75	15.56	6.86	2.49	26.22	19.23	26.84	14.46	270.22	56.98	20.65	217.78	
17/10/2024 16:45	10.79	5.96	104.24	15.58	8.05	2.72	41.64	17.93	28.19	15.56	272.2	42.08	14.43	199.6	
17/10/2024 16:50	10.48	5.84	101.55	15.72	7.37	2.74	32.99	18.68	28.54	15.74	271.28	47.34	17.68	208.74	
17/10/2024 16:55	10.17	5.6	104.91	15.59	7.05	2.64	30.75	18.9	26.61	14.65	274.41	49.05	18.39	214.05	
17/10/2024 17:00	10.54	6	105.37	15.6	7.99	2.72	43.74	17.84	27.63	15.73	276.11	38.65	13.39	200.4	
17/10/2024 17:05	10.14	5.8	101.18	15.84	6.89	2.52	25.77	19.32	30.38	16.81	281.11	70.47	25.72	240.91	
17/10/2024 17:10	10.43	5.33	102.79	15.59	6.13	2.2	16.42	20.14	27.3	13.95	269.18	112.35	40.43	301.21	
17/10/20															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/10/2024 19:00	10.85	5.97	104.95	15.67	10.14	3.16	55.5	16.74	28.82	15.85	278.83	34.25	10.65	184.94	
17/10/2024 19:05	10.67	5.9	102.89	15.73	9.77	3.04	49.02	17.19	28.79	15.84	275.92	36.75	11.44	183.93	
17/10/2024 19:10	10.62	5.45	103.88	15.66	9.84	3.22	49.23	17.16	28.18	14.46	275.62	36.58	11.97	182.95	
17/10/2024 19:15	10.97	6	104.98	15.67	9.52	2.75	54.23	16.82	29.15	15.94	279	32.65	9.42	183.91	
17/10/2024 19:20	10.72	5.86	102.48	15.78	9.74	3.21	48.87	17.26	29.25	15.84	277.48	37.39	12.37	187.01	
17/10/2024 19:25	10.32	5.41	105.41	15.66	9.59	3.11	48.41	17.28	27.38	14.35	279.57	36.79	11.93	185.61	
17/10/2024 19:30	11.25	6.27	104.97	15.67	9.78	2.94	54.31	16.85	29.93	16.68	279.1	33.78	10.15	185.58	
17/10/2024 19:35	11.48	6.46	102.28	15.78	9.74	3.19	49.25	17.27	31.24	17.45	276.62	37.4	12.27	188.59	
17/10/2024 19:40	10.6	5.74	106.17	15.66	9.91	3.41	50.13	17.21	28.14	15.25	281.81	37.36	12.85	189.03	
17/10/2024 19:45	10.75	5.78	106.79	15.66	9.62	2.99	54.86	16.88	28.54	15.36	283.52	33.51	10.4	189.03	
17/10/2024 19:50	10.31	5.38	105	15.73	9.82	3.31	48.36	17.36	27.81	14.42	281.91	38.7	13.07	190.06	
17/10/2024 19:55	10.18	5.44	106.09	15.66	9.58	2.91	48.08	17.37	27	14.44	281.33	37.75	11.46	189.5	
17/10/2024 20:00	11.38	6.49	106.46	15.68	9.47	2.78	54	16.95	30.27	17.26	283.21	33.55	9.78	188.96	
17/10/2024 20:05	11.14	6.25	103.44	15.78	9.46	3.19	46.72	17.49	30.41	16.97	280.04	38.69	13.07	190.67	
17/10/2024 20:10	10.61	5.81	106.82	15.67	10.16	3.85	47.63	17.42	28.17	15.43	283.67	40.52	15.34	189.99	
17/10/2024 20:15	10.52	5.49	107.03	15.66	9.77	3.28	54.38	16.96	27.93	14.59	284.14	34.93	11.79	190.97	
17/10/2024 20:20	10.11	5.11	104.66	15.74	9.49	3.32	47.13	17.51	27.41	13.81	281.08	39.09	13.69	193.38	
17/10/2024 20:25	10.49	5.67	106.58	15.66	9.83	3.55	46.58	17.56	27.85	15.06	282.95	40.87	14.76	193.72	
17/10/2024 20:30	11.09	6.11	106.4	15.68	9.55	3.06	52.35	17.07	29.51	16.25	283.11	35.05	11.28	189.76	
17/10/2024 20:35	10.95	6.02	104.86	15.75	9.1	3.16	46.51	17.59	29.59	16.19	282.68	38.49	13.45	195.72	
17/10/2024 20:40	10.22	5.75	107.43	15.67	8.52	2.81	46.77	17.53	27.16	15.28	285.44	35.17	11.62	193.14	
17/10/2024 20:45	10.72	6.21	108.85	15.68	9.46	3.2	53.8	17.04	28.52	16.53	289.6	34.2	11.49	192.94	
17/10/2024 20:50	10.66	6.11	106.57	15.76	9.09	3.16	46.7	17.59	28.94	16.48	286.85	38.17	13.24	196.13	
17/10/2024 20:55	10.26	5.76	107.32	15.67	9.86	3.56	46.25	17.65	27.26	15.29	285.15	42.23	15.27	198.09	
17/10/2024 21:00	10.69	6.15	106.85	15.67	9.76	3.38	53.9	17.09	28.45	16.35	284.23	36.23	12.49	195.82	
17/10/2024 21:05	10.43	5.99	104.29	15.76	9.06	3.11	45.38	17.69	28.3	16.16	281.17	39.32	13.5	196.7	
17/10/2024 21:10	9.97	5.57	107.26	15.67	8.3	2.56	45.31	17.64	26.5	14.81	284.94	35.38	10.93	193.24	
17/10/2024 21:15	10.77	6.29	108.42	15.68	9.15	2.98	51.74	17.18	28.65	16.73	288.55	34.3	11.05	192.69	
17/10/2024 21:20	10.7	6.25	105.38	15.75	8.9	3.33	43.55	17.9	28.99	16.9	285.2	41.27	15.38	201.86	
17/10/2024 21:25	10.23	5.77	107.79	15.67	9.63	3.88	43.36	17.94	27.2	15.34	286.63	45.26	18.23	203.87	
17/10/2024 21:30	10.66	6.23	107.53	15.68	9.41	3.28	52.34	17.27	28.38	16.57	286.18	37.03	13.09	199.69	
17/10/2024 21:35	10.54	6.18	105.45	15.77	8.8	3.2	42.99	17.95	28.81	16.77	285.39	41.81	15.21	203.26	
17/10/2024 21:40	10.09	5.79	108.09	15.67	9.16	3.53	42.52	18.02	26.83	15.38	287.34	44.12	17.03	204.89	
17/10/2024 21:45	10.51	6.23	108.21	15.68	8.97	2.95	52.41	17.21	27.97	16.57	287.9	35.01	11.71	197.46	
17/10/2024 21:50	10.43	6.15	105.71	15.75	9.31	3.28	48.07	17.47	28.27	16.58	284.34	37.96	13.43	194.85	
17/10/2024 21:55	10.25	5.85	108.17	15.67	9.33	3.3	48.08	17.44	27.23	15.55	287.36	37.48	13.25	193.18	
17/10/2024 22:00	10.58	6.21	107.48	15.68	9.49	3.08	55.36	16.9	28.14	16.53	285.99	33.39	10.85	191.88	
17/10/2024 22:05	10.32	6.04	104.86	15.76	9.8	3.43	51.5	17.16	27.98	16.26	282.92	36.46	12.72	191.36	
17/10/2024 22:10	10.08	5.83	109.01	15.67	9.06	2.95	51.81	17.15	26.76	15.49	289.48	33.58	10.95	191.97	
17/10/2024 22:15	10.67	6.29	109.24	15.68	9.59	3.19	57.43	16.79	28.4	16.74	290.69	32.57	10.74	193.37	
17/10/2024 22:20	10.56	6.17	107.02	15.74	9.71	3.45	50.53	17.24	28.51	16.59	287.38	37.02	13.17	192.08	
17/10/2024 22:25	10.31	5.85	107.91	15.67	9.61	3.28	51.08	17.17	27.39	15.54	286.64	35.84	12.25	190.52	
17/10/2024 22:30	10.5	6.25	108.18	15.67	9.66	3.29	55.5	16.91	27.9	16.61	287.46	33.8	11.42	192.45	
17/10/2024 22:35	10.36	6.15	105.58	15.74	9.22	3.32	48.26	17.46	28.02	16.53	283.67	37.44	13.54	195.07	
17/10/2024 22:40	10.29	5.74	107.16	15.67	8.8	3.03	48.16	17.48	27.34	15.23	284.56	35.78	12.34	195.88	
17/10/2024 22:45	10.66	6.1	106.86	15.67	9.65	3.39	54.57	17	28.32	16.22	283.92	34.51	12.05	193.55	
17/10/2024 22:50	10.6	6.01	104.85	15.73	9.49	3.42	49.98	17.33	28.6	16.12	281.15	36.99	13.32	194.51	
17/10/2024 22:55	10.21	5.82	108.2	15.66	10.02	3.45	51.58	17.19	27.11	15.44	287.16	37.55	12.95	193.36	
17/10/2024 23:00	10.65	6.29	109.11	15.67	9.77	3.37	56.98	16.89	28.33	16.73	290.17	34.06	11.65	196.13	
17/10/2024 23:05	10.51	6.15	106.56	15.75	9.41	3.5	48.42	17.48	28.47	16.56	286.59	38.32	14.26	196.75	
17/10/2024 23:10	10.2	5.66	106.68	15.68	9.02	3.22	47.47	17.54	27.13	15.06	283.81	37.34	13.34	196.59	
17/10/2024 23:15	10.9	6.11	106.26	15.68	9.54	3.21	52.64	17.09	29.01	16.28	282.97	35.01	11.8	192.06	
17/10/2024 23:20	10.81	5.99	103.9	15.75	9.46	3.43	47.6	17.49	29.27	16.14	279.74	38.77	14.11	194.34	
17/10/2024 23:25	10.33	5.82	107.08	15.67	9.16	3.24	49.41	17.35	27.48	15.48	284.77	35.9	12.69	193.71	
17/10/2024 23:30	10.87	6.22	107.16	15.68	9.52	3.23	54.75	16.98	28.95	16.55	285.32	33.91	11.47	193.22	
17/10/2024 23:35	10.71	6.07	104.91	15.76	9.53	3.49	48.82	17.43	29.04	16.4	283.1	38.29	14.05	195.83	
17/10/2024 23:40	10.22	5.86	108.54	15.67	8.91	3.14	49.22	17.38	27.18	15.58	288.58	35.17	12.41	194.34	
17/10/2024 23:45	10.77	6.34	109.38	15.68	9.46	3.14	55.01	16.93	28.68	16.87	291.17	33.24	11.02	192.2	
17/10/2024 23:50	10.65	6.28	106.23	15.73	9.61	3.49	49.09	17.41	28.65	16.87	285.47	38.45	13.96	195.9	
17/10/2024 23:55	10.28	5.86	108.01	15.67	9.72	3.67	50.67	17.29	27.34	15.59	287.23	37.46	14.16	195.31	
18/10/2024 00:00	10.86	6.26	108.08	15.68	9.6	3.3	54.19	16.99	28.92	16.68	287.91	34.28	11.77	191.95	
18/10/2024 00:05	10.76	6.12	105.07	15.78	9.39	3.43	47.55	17.51	29.36	16.61	284.55	38.57	14.1	194.99	
18/10/2024 00:10	10.39	5.83	107.6	15.67	9.64	3.61	48.11	17.45	27.61	15.48	285.89	38.81	14.54	193.66	
18/10/2024 00:15	10.8	6.24	107.54	15.68	9.55	3.19	55.41	16.92	28.75	16.61	286.36	33.78	11.32	192.81	
18/10/2024 00:20	10.71	6.13	105.28	15.74	9.69	3.47	50.46	17.26	28.9	16.48	282.68	37.17	13.33	193.01	
18/10/2024 00:25	10.35	5.79	107.44	15.67	9.86	3.38	52.34	17.12	27.52	15.38	285.57	36.23	12.41	192.34	
18/10/2024 00:30	10.93	6.55	107.3	15.68	9.86	3.29	55.56	16.9	29.11	17.43	285.69	34.34	11.38	192.03	
18/10/2024 00:35	11.18	6.85	105.27	15.76	9.61	3.41	47.07	17.49	30.3	18.45	283.45	39.3	13.97	192.15	
18/10/2024 00:40	10.88	5.89	105.61	15.67	9.52	3.38	46.67	17.47	28.93	15.67	280.91	38.57	13.69	189.15	
18/10/2024 00:45	11.59	6.46	105.02	15.68	9.92	3.26	53.79	16.94	30.88	17.22	279.85	35.06	11.51	187.93	
18/10/2024 00:50	11.54	6.42	103.04	15.76	9.87	3.44	48.87	17.31	31.28	17.34	277.89	38.28	13.35	189.4	
18/10/2024 00:55	10.71	6.03	107.4	15.67	9.95	3.5	50.78	17.17	28.46	16.02	285.				



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
18/10/2024 02:45	11.22	6.72	107.36	15.68	9.94	3.65	54.58	16.99	29.86	17.9	285.83	35.59	13.09	194.03	
18/10/2024 02:50	11	6.57	105.74	15.75	9.29	3.58	49.01	17.48	29.75	17.68	284.6	37.92	14.63	199.42	
18/10/2024 02:55	10.82	6.35	107.64	15.67	9.42	3.53	48.14	17.5	28.77	16.87	286.12	38.5	14.44	196.72	
18/10/2024 03:00	11.38	6.92	107.8	15.68	9.43	3.45	53.52	17.15	30.28	18.4	286.77	35.13	12.76	197.06	
18/10/2024 03:05	11.13	6.72	105.25	15.79	8.96	3.56	47.7	17.64	30.36	18.21	285.49	38.46	15.3	203.97	
18/10/2024 03:10	10.6	6.27	107.71	15.67	8.86	3.66	49.23	17.6	28.17	16.65	286.14	37.28	15.39	207.18	
18/10/2024 03:15	11	6.73	108.05	15.68	9.25	3.52	55.78	17.07	29.28	17.91	287.57	33.84	12.88	201.78	
18/10/2024 03:20	10.74	6.55	106.58	15.74	9.1	3.57	48.72	17.54	28.98	17.63	287.13	37.78	14.84	201.64	
18/10/2024 03:25	10.58	6.22	107.46	15.67	8.73	3.33	47.5	17.59	28.13	16.54	285.65	36.67	13.98	199.41	
18/10/2024 03:30	11.27	6.7	107.25	15.68	9.15	3.32	53.39	17.16	29.99	17.85	285.48	34.2	12.36	197.81	
18/10/2024 03:35	11.1	6.56	105.29	15.77	8.61	3.45	44.4	17.95	30.26	17.77	285.08	40.89	16.42	210.2	
18/10/2024 03:40	10.65	6.51	109.4	15.67	8.75	3.6	44.2	17.99	28.33	17.3	290.86	41.76	17.16	210.96	
18/10/2024 03:45	11.37	7.08	109.05	15.68	9.15	3.39	52.17	17.29	30.29	18.85	290.47	36	13.49	202.05	
18/10/2024 03:50	11.28	6.99	105.48	15.76	9.1	3.43	45.34	17.81	30.64	18.89	286.21	41.16	15.52	204.34	
18/10/2024 03:55	11.17	6.42	106.78	15.68	8.94	3.45	43.47	18.01	29.76	17.11	284.46	43.02	16.63	209.25	
18/10/2024 04:00	11.64	7.09	107.29	15.69	9.77	3.44	53.44	17.27	31.06	18.92	286.37	38.11	13.58	208.14	
18/10/2024 04:05	11.59	7.13	105.16	15.78	9.45	3.43	46.55	17.58	31.57	19.3	284.41	39.85	14.49	195.4	
18/10/2024 04:10	11.27	6.35	106.21	15.68	9.61	3.66	46.64	17.64	29.99	16.89	282.64	40.98	15.6	198.9	
18/10/2024 04:15	11.84	6.87	105.86	15.69	10.03	3.5	54.32	17	31.55	18.32	282.22	36.19	12.62	193.21	
18/10/2024 04:20	11.62	6.72	103.58	15.76	9.78	3.52	47.87	17.45	31.49	18.13	279	39.52	14.23	193.18	
18/10/2024 04:25	11.16	6.22	105.82	15.68	9.75	3.55	47.64	17.52	29.7	16.56	281.6	40.12	14.6	196.03	
18/10/2024 04:30	11.77	6.82	105.47	15.69	10.14	3.57	55.99	16.96	31.38	18.18	281.19	36.13	12.67	196.67	
18/10/2024 04:35	11.61	6.7	103.22	15.76	9.78	3.57	51.27	17.29	31.47	18.08	278.61	37.73	13.77	197.3	
18/10/2024 04:40	10.94	6.2	107.23	15.68	9.97	3.69	52.14	17.2	29.1	16.49	285.29	37.45	13.86	195.88	
18/10/2024 04:45	11.54	6.9	107.73	15.69	10.01	3.6	59.31	16.76	30.75	18.38	287.18	33.82	12.12	198.3	
18/10/2024 04:50	11.53	6.83	106.64	15.74	9.97	3.7	55.11	17.03	31.08	18.34	287.05	35.84	13.28	197.91	
18/10/2024 04:55	10.95	6.4	108.25	15.67	9.95	3.81	54.94	17.03	29.11	17.03	287.87	35.75	13.7	197.3	
18/10/2024 05:00	11.3	6.89	108.84	15.68	9.82	3.54	59.37	16.74	30.11	18.35	290.05	32.97	11.86	197.92	
18/10/2024 05:05	11.21	6.82	106.1	15.73	9.92	3.72	54.38	17.09	30.2	18.3	285.62	36.28	13.62	198.6	
18/10/2024 05:10	10.96	6.42	107.93	15.67	10.19	3.85	55.64	16.99	29.13	17.07	286.86	36.21	13.67	197.75	
18/10/2024 05:15	11.5	6.85	107.58	15.68	9.94	3.45	58.34	16.78	30.62	18.25	286.48	33.57	11.64	195.97	
18/10/2024 05:20	11.44	6.73	105.25	15.75	9.86	3.61	51.4	17.25	30.92	18.12	283.11	37.67	13.79	196	
18/10/2024 05:25	11.06	6.17	105.39	15.67	9.94	3.66	51.02	17.24	29.42	16.42	280.28	37.73	13.89	193.7	
18/10/2024 05:30	11.71	6.71	105.3	15.68	9.81	3.43	54.27	17.07	31.21	17.89	280.63	35.67	12.4	195.82	
18/10/2024 05:35	11.56	6.49	102.04	15.84	9	3.32	41.97	17.97	32.14	17.73	279.65	42.96	15.9	199.28	
18/10/2024 05:40	11.17	6.16	104.92	15.68	8.73	3.05	42.3	17.89	29.73	16.4	279.39	40.28	14.06	195.06	
18/10/2024 05:45	11.86	6.92	105.32	15.69	9.64	3.14	52.52	17.18	31.61	18.43	280.72	36.45	11.92	198.63	
18/10/2024 05:50	11.8	6.93	103.39	15.75	9.8	3.5	48.89	17.34	31.89	18.65	278.31	38.37	13.74	191.24	
18/10/2024 05:55	11.38	6.15	104.66	15.68	9.89	3.56	49.66	17.28	30.29	16.35	278.46	37.96	13.68	190.57	
18/10/2024 06:00	11.82	6.6	104.63	15.68	10.28	3.46	54.91	16.87	31.48	17.57	278.8	35.67	12.01	188.92	
18/10/2024 06:05	11.77	6.61	102.01	15.71	10.36	3.65	51.15	17.15	31.55	17.73	273.49	38.5	13.56	189.74	
18/10/2024 06:10	11.13	6.14	104.89	15.67	10.58	3.75	51.94	17.09	29.6	16.35	279	38.61	13.7	189.59	
18/10/2024 06:15	11.4	6.56	105.32	15.68	10.4	3.55	55.61	16.83	30.37	17.47	280.52	35.69	12.15	189.86	
18/10/2024 06:20	11.25	6.49	103.27	15.75	10.05	3.71	52.23	17.18	30.46	17.5	278.29	37.67	13.91	195.43	
18/10/2024 06:25	11.31	6.33	106.4	15.67	10.33	3.7	54	17.13	30.07	16.85	282.98	38.05	13.65	198.92	
18/10/2024 06:30	11.72	6.78	106.38	15.68	10.43	3.63	59.23	16.69	31.23	18.05	283.48	34.66	12.02	195.26	
18/10/2024 06:35	11.67	6.72	105.57	15.73	10.42	3.81	55.52	16.91	31.39	18.02	283.53	36.3	13.27	193.34	
18/10/2024 06:40	11.22	6.24	105.88	15.67	10.83	3.97	57.27	16.76	29.84	16.61	281.54	36.38	13.34	192.38	
18/10/2024 06:45	11.85	6.59	104.68	15.68	10.58	3.62	58.03	16.7	31.55	17.54	278.79	35.06	11.94	191.34	
18/10/2024 06:50	11.87	6.51	102.19	15.74	10.23	3.63	50.46	17.18	32.04	17.51	274.57	38.34	13.62	188.83	
18/10/2024 06:55	11.17	6.06	105.26	15.67	10.47	3.69	51.33	17.1	29.7	16.13	279.89	38.25	13.48	187.52	
18/10/2024 07:00	11.82	6.61	104.69	15.68	10.61	3.56	57.2	16.7	31.47	17.61	278.71	35.34	11.83	188.81	
18/10/2024 07:05	11.77	6.57	103.44	15.72	10.5	3.65	53.41	16.96	31.64	17.61	277.49	37.08	12.92	188.4	
18/10/2024 07:10	11.37	6.15	104.83	15.67	10.63	3.7	53.86	16.88	30.25	16.36	278.76	36.78	12.82	186.43	
18/10/2024 07:15	12.14	6.6	103.79	15.68	10.65	3.43	57.76	16.6	32.35	17.57	276.46	34.53	11.12	186.29	
18/10/2024 07:20	12.15	6.51	101.72	15.73	10.67	3.71	54.29	16.87	32.67	17.46	272.84	36.85	12.84	187.36	
18/10/2024 07:25	11.07	6.16	105.44	15.67	10.81	3.92	55.78	16.8	29.44	16.37	280.29	36.67	13.31	189.18	
18/10/2024 07:30	11.47	6.68	106.37	15.68	10.48	3.68	58.97	16.65	30.53	17.79	283.2	34.3	11.98	191.91	
18/10/2024 07:35	11.47	6.57	103.97	15.74	10.3	3.62	51.75	17.12	30.94	17.65	279.22	37.93	13.35	190.24	
18/10/2024 07:40	11.33	5.99	103.84	15.67	10.53	3.6	52.06	17.02	30.12	15.91	275.93	37.76	12.89	186.68	
18/10/2024 07:45	11.86	6.54	104.14	15.68	10.4	3.51	57.61	16.74	31.57	17.4	277.2	34.91	11.71	191.7	
18/10/2024 07:50	11.69	6.41	102.04	15.73	10.07	3.59	52	17.16	31.41	17.2	274.42	37.52	13.36	193.52	
18/10/2024 07:55	10.92	6.03	106.02	15.66	9.94	3.63	53.52	17.06	29.01	16.01	281.49	35.94	13.12	193.53	
18/10/2024 08:00	11.61	6.38	104.37	15.67	10.21	3.42	56.5	16.77	30.87	16.98	277.56	34.43	11.51	189.49	
18/10/2024 08:05	11.59	6.26	101.57	15.76	10.26	3.55	50.33	17.21	31.5	16.9	274.15	38.71	13.41	189.61	
18/10/2024 08:10	11.41	6.04	104.27	15.67	10.64	3.63	51.34	17.18	30.32	16.06	277.07	39.76	13.55	191.83	
18/10/2024 08:15	11.67	6.66	106.04	15.68	10.21	3.41	55.16	16.93	31.07	17.72	282.3	35.92	11.93	192.62	
18/10/2024 08:20	11.48	6.56	104.04	15.77	9.65	3.48	47.63	17.53	31.17	17.74	280.81	39.98	14.43	196.82	
18/10/2024 08:25	11.48	5.99	102.89	15.67	9.67	3.53	48.13	17.54	30.52	15.93	273.62	39.96	14.6	198.85	
18/10/2024 08:30	12.01	6.31	102.74	15.68	9.84	3.24	52.04	17.14	31.97	16.81	273.46	36.58	12.04	191.72	
18/10/2024 08:35	12.03	6.27	100.48	15.75	9.65	3.31	44.63	17.61	32.58	16.91	270.28	40.97	14.07	188.91	
18/10/2024 08:40	11.57	5.9	101.92	15.68	9.75	3.38	45.94	17.54	30.8	15.7	271.27	40.3			



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O <sub>2</sub>	stack2_NO	stack2_SO	stack2_CO	stack2_O <sub>2</sub>	ck1_NOx@ck1	SO <sub>2</sub> @ck1	CO@ck2	NOx@ck2	SO <sub>2</sub> @ck2	CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
18/10/2024 10:30	11.63	5.41	100.7	15.45	9.74	2.8	49.29	17.07	29.69	13.81	257.06	36.23	10.69	178.64
18/10/2024 10:35	11.59	5.33	98.55	15.54	9.97	2.84	47.46	17.08	30.12	13.8	254.89	36.44	10.42	172.97
18/10/2024 10:40	10.82	5.03	102.38	15.4	10.09	3.03	48.77	17.03	27.33	12.7	258.65	36.3	10.91	175.35
18/10/2024 10:45	11.11	5.37	102.81	15.39	10.16	2.85	53.79	16.71	28.04	13.55	259.46	33.88	9.46	177.32
18/10/2024 10:50	10.88	5.23	100.07	15.5	9.3	2.59	44.09	17.42	28.19	13.41	256.97	37.47	10.48	176.14
18/10/2024 10:55	10.86	4.86	101.89	15.35	9.72	2.77	44.55	17.35	27.21	12.17	255.22	38	10.82	174.19
18/10/2024 11:00	11.39	5.36	102.47	15.35	9.53	2.47	49.28	17.01	28.56	13.45	256.85	34.26	8.87	175.16
18/10/2024 11:05	11.14	5.21	99.79	15.49	8.54	2.36	38.91	17.84	28.78	13.33	255.19	39.26	10.94	177.4
18/10/2024 11:10	10.89	4.79	100.92	15.35	8.66	2.24	38.42	17.89	27.27	12	252.61	39.92	10.31	177.19
18/10/2024 11:15	11.4	4.91	100.82	15.35	9.48	2.33	48.04	17.09	28.54	12.3	252.41	35.21	8.64	174.45
18/10/2024 11:20	11.18	4.78	98.29	15.44	8.91	2.29	40.58	17.62	28.65	12.21	249.18	37.98	9.77	171.97
18/10/2024 11:25	11.29	4.97	100.27	15.35	9.48	3.11	40.91	17.67	28.26	12.43	251	40.84	13.4	176.14
18/10/2024 11:30	11.54	5.16	100.77	15.35	9.85	2.57	48.61	16.97	28.9	12.93	252.33	35.48	9.49	171.68
18/10/2024 11:35	11.39	5.08	98.56	15.43	9.66	2.53	45.18	17.17	29.06	12.9	249.72	36.21	9.53	168.39
18/10/2024 11:40	11.08	4.77	100.96	15.34	10.5	2.92	46.16	17.04	27.67	11.91	252.21	37.85	10.54	166.37
18/10/2024 11:45	11.83	5.29	101.4	15.34	10.29	2.67	50.18	16.75	29.59	13.23	253.7	34.63	8.97	167.46
18/10/2024 11:50	11.78	5.17	99.57	15.41	9.73	2.47	45.67	17.13	29.87	13.07	251.29	36.03	9.18	168.6
18/10/2024 11:55	11.04	4.84	101.06	15.33	9.8	2.67	47.14	17.02	27.55	12.09	252.16	35.1	9.58	168.89
18/10/2024 12:00	11.65	5.23	101.2	15.34	10.36	2.62	52.82	16.57	29.1	13.07	252.79	33.37	8.44	168.74
18/10/2024 12:05	11.64	5.16	98.2	15.38	10.15	2.48	48.04	16.87	29.36	12.98	247.11	35.06	8.56	165.54
18/10/2024 12:10	11.26	4.84	101.68	15.33	10.64	2.89	50.95	16.64	28.13	12.08	253.96	34.75	9.44	166.4
18/10/2024 12:15	11.66	5.27	101.66	15.34	10.68	2.54	53.77	16.51	29.16	13.17	254.18	33.87	8.04	170.38
18/10/2024 12:20	11.51	5.25	98.73	15.42	9.54	2.14	43.9	17.2	29.27	13.27	250.66	36	8.15	164.93
18/10/2024 12:25	11.28	4.63	99.55	15.33	10.17	2.78	43.19	17.33	28.14	11.55	248.29	39.62	10.84	168.21
18/10/2024 12:30	12.03	5.09	101.02	15.33	10.07	2.42	47.32	17.04	30.02	12.7	252.19	36.44	8.69	169.23
18/10/2024 12:35	11.78	4.93	98.21	15.5	7.4	1.61	27.65	18.7	30.71	12.69	251.34	48.61	10.95	176.17
18/10/2024 12:40	10.8	4.69	101.37	15.33	6.73	1.7	23.88	19.08	26.97	11.72	253.11	51.47	13.02	182.47
18/10/2024 12:45	11.55	5.21	102.24	15.34	8.86	2.23	39.7	17.73	28.88	13.03	255.71	41.76	10.43	174.98
18/10/2024 12:50	11.24	5.1	100.7	15.46	8.28	2.05	33.84	18.19	28.9	12.96	258.63	42.83	10.56	173.88
18/10/2024 12:55	10.79	4.81	102.51	15.34	7.73	1.81	32.08	18.37	26.97	12.01	256.14	42.42	9.95	175.94
18/10/2024 13:00	11.34	5.36	103.04	15.34	8.97	2.09	45.76	17.3	28.36	13.4	257.79	35.77	8.24	175.5
18/10/2024 13:05	11.06	5.22	99.88	15.53	8.15	2.05	35.9	18.11	28.98	13.5	258.27	41.46	10.65	179.43
18/10/2024 13:10	10.89	4.88	103.31	15.34	7.88	2.11	33.55	18.29	27.22	12.19	258.11	42	11.26	178.92
18/10/2024 13:15	11.58	5.32	103.88	15.35	8.86	2.11	45.89	17.3	28.97	13.32	259.99	35.44	8.57	176.33
18/10/2024 13:20	11.37	5.1	101.48	15.46	9.07	2.35	43.4	17.44	29.06	12.94	258.22	36.76	9.62	174.74
18/10/2024 13:25	11.05	4.81	101.87	15.34	8.48	1.81	44.78	17.37	27.63	12.04	254.83	33.37	7.13	176.12
18/10/2024 13:30	11.35	5.38	102.66	15.35	9.55	2.22	52.54	16.74	28.43	13.48	257.14	32.08	7.36	175.07
18/10/2024 13:35	11.14	5.38	100.22	15.4	9.87	2.61	46.73	17.07	28.22	13.56	253.73	36.01	9.54	169.8
18/10/2024 13:40	11.04	4.84	101.98	15.34	10.09	2.61	46.44	17.11	27.61	12.11	254.97	37.01	9.57	170.28
18/10/2024 13:45	11.59	5.25	101.82	15.34	10.18	2.48	51.41	16.72	28.99	13.14	254.76	34.02	8.23	170.05
18/10/2024 13:50	11.41	5.22	100.53	15.43	9.31	2.36	42.29	17.48	29.12	13.25	255.64	38.11	9.68	172.22
18/10/2024 13:55	11.11	4.82	102.48	15.34	9.19	2.7	41.86	17.56	27.78	12.05	256.32	38.25	11.26	174.25
18/10/2024 14:00	11.78	5.39	102.88	15.36	10.14	2.68	50.08	16.91	29.54	13.53	258.02	35.62	9.43	173.27
18/10/2024 14:05	11.59	5.27	100.5	15.49	9.14	2.33	41.85	17.55	29.89	13.46	257.5	38.29	9.88	174.12
18/10/2024 14:10	10.97	4.87	102.27	15.35	9.19	2.39	41.81	17.65	27.46	12.2	255.97	39.26	10.22	178.66
18/10/2024 14:15	11.57	5.33	102.54	15.36	9.85	2.49	49.77	16.98	29.01	13.36	257.21	35.41	8.89	175.52
18/10/2024 14:20	11.45	5.22	101.59	15.45	8.92	2.19	38.56	17.74	29.33	13.27	260.17	39.57	9.76	170.23
18/10/2024 14:25	11.22	4.68	101	15.35	8.84	2.11	38.44	17.74	28.07	11.7	252.79	38.87	9.28	168.94
18/10/2024 14:30	11.86	5.25	101.87	15.35	9.9	2.52	46.95	17.1	29.72	13.16	255.35	36.54	9.14	170.1
18/10/2024 14:35	11.58	5.14	99.51	15.48	8.24	1.96	33.99	18.14	29.95	13.11	253.95	42.14	10.12	172.01
18/10/2024 14:40	11.03	4.81	101.78	15.34	8.11	2.02	31.25	18.41	27.59	12.04	254.54	45.31	11.27	174.62
18/10/2024 14:45	11.51	5.19	101.09	15.35	9.3	2.49	41.95	17.54	28.82	13.01	253.11	39.55	10.37	172.87
18/10/2024 14:50	11.2	5.09	97.54	15.55	7.66	2.05	25.36	18.96	30.62	13.56	251.98	59.23	16.21	184.92
18/10/2024 14:55	11.07	4.86	101	15.35	7.45	2.19	17.72	19.65	27.73	12.17	253.01	83.09	24.4	197.53
18/10/2024 15:00	11.58	5.32	101.29	15.36	9.01	2.58	38.53	17.95	29.04	13.35	254.06	53.15	15.24	184.64
18/10/2024 15:05	11.24	5.18	98.54	15.53	8.39	2.33	36	18.1	29.62	13.42	253.95	42.57	11.76	179.11
18/10/2024 15:10	10.9	4.85	101.05	15.36	7.48	1.89	26.27	18.93	27.35	12.16	253.53	52.72	13.32	185
18/10/2024 15:15	11.15	5.41	103.23	15.36	9.48	2.61	47.45	17.24	28	13.59	259.14	39.91	10.67	180.66
18/10/2024 15:20	10.85	5.33	100.51	15.51	9.9	2.99	47.64	17.13	28.12	13.72	258.16	36.72	11.11	175.7
18/10/2024 15:25	11.02	5.24	103.97	15.36	9.61	2.88	43.38	17.48	27.67	13.15	261	39	11.67	176.03
18/10/2024 15:30	12.3	5.93	103.96	15.38	10.53	3.06	56.24	16.55	30.96	14.93	261.59	34.26	9.96	178.84
18/10/2024 15:35	12.36	5.96	103.2	15.43	10.63	3.27	54.71	16.6	31.44	15.11	262.28	34.47	10.61	177
18/10/2024 15:40	11.39	5.85	105.89	15.37	10.44	3.41	53.3	16.76	28.62	14.68	265.99	35.03	11.44	178.85
18/10/2024 15:45	11.94	6.39	106.52	15.38	10.74	3.29	58.3	16.39	30.06	16.09	268.17	33.19	10.12	178.91
18/10/2024 15:50	11.78	6.3	104.2	15.46	10.21	3.17	49.64	16.98	30.17	16.06	265.13	36.36	11.31	176.17
18/10/2024 15:55	11.48	5.86	104.19	15.38	9.97	3.2	46.64	17.25	28.88	14.75	262.25	37.96	12.2	177.62
18/10/2024 16:00	12.09	6.57	105.38	15.39	10.6	3.3	55.37	16.58	30.5	16.56	265.78	34.43	10.69	177.47
18/10/2024 16:05	11.96	6.5	102.96	15.48	10.25	3.27	49.83	16.97	30.73	16.62	263.09	36.45	11.65	176.55
18/10/2024 16:10	11.71	6.09	105.43	15.38	9.86	3.39	48.81	17.16	29.5	15.34	265.61	36.61	12.6	181.23
18/10/2024 16:15	12.19	6.73	106.07	15.39	10.75	3.41	57.23	16.48	30.76	16.99	267.71	34.06	10.85	179.57
18/10/2024 16:20	12.07	6.64	103.75	15.47	10.59	3.37	52.18	16.78	30.95	16.95	264.88	35.81	11.43	176.15
18/10/2024 16:25	11.59	6.14	106.5	15.39	10.69	3.31	50.56	16.93	29.24	15.48	268.6	37.4	11.6	176.95
18/10/2024 16:30	12.38	6.63	105.82	15.4	10.93	3.39	57.84	16.45	31.29	16.77	267.48	34.38	10.63	180.05
18/10/2024 16:35	12.31	6.59	104.55	15.45	10.57	3.4	52.96	16.76	31.44	16.79				



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
18/10/2024 18:15	12.38	6.92	105.8	15.4	11.17	3.84	59.99	16.23	31.28	17.48	267.2	33.3	11.44	178.14	
18/10/2024 18:20	12.4	6.87	102.71	15.48	10.88	3.78	55.05	16.55	31.83	17.6	262.48	34.82	12.09	176.05	
18/10/2024 18:25	11.94	6.33	104.79	15.38	11.11	3.91	56.59	16.5	30.07	15.94	263.89	35.08	12.34	178.72	
18/10/2024 18:30	12.7	6.91	104.61	15.39	11.24	3.85	60.41	16.21	32.06	17.44	264.09	33.37	11.4	178.54	
18/10/2024 18:35	12.66	6.86	103.57	15.43	11.07	3.82	56.46	16.42	32.17	17.39	262.94	34.38	11.89	175.26	
18/10/2024 18:40	12.15	6.37	105.51	15.38	11.17	3.86	57.59	16.32	30.6	16.04	265.79	33.87	11.71	174.63	
18/10/2024 18:45	12.46	6.91	105.92	15.4	11.36	3.87	61.93	16.08	31.47	17.46	267.53	32.83	11.16	178.25	
18/10/2024 18:50	12.29	6.76	103.9	15.44	11.32	3.84	58.52	16.22	31.32	17.19	264.15	33.64	11.4	173.87	
18/10/2024 18:55	11.89	6.39	104.67	15.38	11.67	3.99	59.25	16.18	29.94	16.09	263.63	34.37	11.74	174.47	
18/10/2024 19:00	12.33	7.01	106.44	15.39	11.49	3.82	62.76	16.09	31.1	17.69	268.52	33.22	11.03	181.29	
18/10/2024 19:05	12.31	6.97	104.66	15.44	11.1	3.89	57.41	16.41	31.36	17.7	265.79	34.39	12.05	177.62	
18/10/2024 19:10	11.79	6.37	105.14	15.38	11.58	4.05	57.38	16.38	29.7	16.05	264.9	35.58	12.44	176.31	
18/10/2024 19:15	12.04	6.84	105.59	15.39	11.26	3.91	61.09	16.18	30.4	17.27	266.54	33.21	11.47	179.11	
18/10/2024 19:20	12.01	6.78	103.81	15.44	10.91	3.86	53.94	16.59	30.65	17.25	263.88	35.23	12.48	173.82	
18/10/2024 19:25	11.99	6.34	105.16	15.39	11.3	4.02	54.19	16.62	30.24	15.99	265.1	36.65	13.03	175.8	
18/10/2024 19:30	12.38	6.9	105.36	15.4	11.09	3.82	58.01	16.36	31.26	17.42	266.06	34.05	11.69	176.9	
18/10/2024 19:35	12.33	6.87	102.8	15.44	10.59	3.83	53.5	16.68	31.4	17.47	261.76	34.95	12.67	176.13	
18/10/2024 19:40	11.89	6.3	104.31	15.38	10.98	3.97	55	16.55	29.94	15.88	262.75	35.11	12.69	175.81	
18/10/2024 19:45	12.26	6.81	103.99	15.4	11.05	3.88	60.4	16.23	30.95	17.2	262.58	32.98	11.54	178.97	
18/10/2024 19:50	12.11	6.77	100.75	15.43	10.98	3.93	57.6	16.38	30.81	17.18	255.87	33.81	12.11	177.19	
18/10/2024 19:55	11.74	6.29	104.34	15.38	11.16	4.02	59.22	16.35	29.57	15.83	262.81	34.08	12.27	180.91	
18/10/2024 20:00	12.17	6.84	104.66	15.39	11.03	3.93	61.74	16.14	30.71	17.25	264.05	32.28	11.46	179.83	
18/10/2024 20:05	12.01	6.73	102.75	15.44	10.79	3.88	56.35	16.42	30.62	17.11	261.21	33.53	12.07	174.86	
18/10/2024 20:10	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	
18/10/2024 20:15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
18/10/2024 20:20	11.88	6.62	102.19	15.46	10.73	3.83	53.82	16.67	30.4	16.86	260.78	35.24	12.6	176.83	
18/10/2024 20:25	11.74	6.12	102.79	15.38	10.75	3.89	54	16.65	29.56	15.42	258.9	35.2	12.75	176.81	
18/10/2024 20:30	12.25	6.67	103.09	15.39	10.85	3.77	58.79	16.3	30.9	16.82	259.95	32.87	11.4	177.1	
18/10/2024 20:35	12.03	6.62	102.22	15.43	10.27	3.75	53.43	16.66	30.6	16.81	259.82	33.77	12.36	175.41	
18/10/2024 20:40	11.57	6.29	104.35	15.38	10.73	3.81	54.11	16.62	29.16	15.84	262.89	34.84	12.38	175.61	
18/10/2024 20:45	12.38	6.71	103.55	15.39	10.73	3.74	57.8	16.41	31.23	16.92	261.18	33.25	11.56	178.17	
18/10/2024 20:50	12.4	6.61	101.57	15.44	10.26	3.8	52.89	16.76	31.6	16.8	258.41	34.54	12.8	177.81	
18/10/2024 20:55	11.7	6.25	104.13	15.38	10.58	3.91	53.44	16.74	29.45	15.73	262.03	35.31	13.05	178.38	
18/10/2024 21:00	12.39	6.74	103.96	15.39	10.52	3.79	59.31	16.35	31.25	17	262.28	32.29	11.61	180.54	
18/10/2024 21:05	12.31	6.63	101.8	15.46	10.34	3.89	54.33	16.67	31.48	16.92	259.69	34.05	12.84	178.66	
18/10/2024 21:10	11.53	6.24	104.05	15.38	10.66	3.92	54.86	16.62	29.03	15.72	261.93	34.6	12.74	178.11	
18/10/2024 21:15	12.3	6.77	104.67	15.39	10.67	3.79	58.51	16.44	30.99	17.06	263.84	33.35	11.83	181.56	
18/10/2024 21:20	12.2	6.72	102.45	15.46	9.8	3.73	49.71	17.07	31.24	17.15	261.15	35.68	13.6	180.44	
18/10/2024 21:25	11.57	6.17	103.4	15.38	10.11	3.86	48.33	17.17	29.12	15.54	260.24	37.69	14.4	180.19	
18/10/2024 21:30	12.07	6.7	103.09	15.39	10.3	3.77	54.62	16.7	30.42	16.89	259.85	34.38	12.58	180.14	
18/10/2024 21:35	11.82	6.55	100.49	15.5	9.57	3.66	47.89	17.21	30.47	16.81	257.91	36.2	13.88	180.56	
18/10/2024 21:40	11.61	6.21	103.29	15.38	9.75	3.7	48.22	17.19	29.25	15.65	260.2	36.51	13.87	180.54	
18/10/2024 21:45	12.06	6.63	102.76	15.39	10	3.64	52.52	16.87	30.43	16.71	259.16	34.64	12.55	180.38	
18/10/2024 21:50	11.85	6.45	99.08	15.55	8.99	3.51	42.27	17.65	31.07	16.77	256.85	38.76	15.2	181.11	
18/10/2024 21:55	11.51	6.21	103.97	15.37	9.39	3.58	40.64	17.79	28.96	15.61	261.55	41.92	15.98	181.4	
18/10/2024 22:00	11.88	6.69	104.63	15.39	9.79	3.54	49.22	17.09	29.96	16.87	263.74	36.44	13.2	179	
18/10/2024 22:05	11.66	6.56	101.62	15.52	9.25	3.54	42.56	17.59	30.3	16.91	261.61	39.15	15.04	179.11	
18/10/2024 22:10	11.61	6.09	102.79	15.38	9.56	3.63	42.42	17.59	29.2	15.33	258.63	40.13	15.22	178.01	
18/10/2024 22:15	12.33	6.61	102.67	15.39	9.97	3.63	50.5	17.1	31.09	16.67	258.81	36.83	13.41	185.72	
18/10/2024 22:20	12.21	6.56	101.18	15.47	9.29	3.56	43.88	17.46	31.31	16.75	258.5	37.71	14.48	177.39	
18/10/2024 22:25	11.73	6.09	101.8	15.38	9.47	3.69	44.73	17.39	29.57	15.35	256.52	37.52	14.62	177.26	
18/10/2024 22:30	12.52	6.55	102.2	15.39	10.23	3.72	53.75	16.76	31.6	16.54	257.84	34.66	12.62	179.07	
18/10/2024 22:35	12.4	6.49	100.48	15.45	10.08	3.64	48.53	17	31.65	16.52	255.53	36.07	13.06	173.2	
18/10/2024 22:40	11.64	6.12	102.21	15.38	10.58	3.96	51.73	16.79	29.33	15.41	257.51	35.78	13.38	174.99	
18/10/2024 22:45	11.99	6.61	102.56	15.39	10.49	3.71	54.95	16.56	30.25	16.68	258.84	33.67	11.89	175.17	
18/10/2024 22:50	11.72	6.55	101.48	15.45	9.94	3.71	49.56	16.96	29.97	16.68	258.98	35.1	13.13	174.82	
18/10/2024 22:55	11.73	6.07	101.6	15.38	10.27	3.78	50.14	16.94	29.54	15.29	255.94	36	13.27	175.82	
18/10/2024 23:00	12.4	6.48	101.96	15.39	10.55	3.71	55.75	16.51	31.28	16.34	257.29	33.58	11.8	175.94	
18/10/2024 23:05	12.3	6.39	99.35	15.44	10.2	3.76	51.69	16.78	31.33	16.25	252.87	34.45	12.73	174.32	
18/10/2024 23:10	11.61	6.16	103.12	15.38	10.78	3.96	52.97	16.67	29.24	15.51	259.65	35.43	13	174.07	
18/10/2024 23:15	12.03	6.59	103.19	15.39	10.95	3.81	57.93	16.3	30.36	16.64	260.53	33.2	11.56	174.47	
18/10/2024 23:20	11.89	6.51	101.43	15.44	10.64	3.8	54.74	16.49	30.31	16.55	257.77	33.61	12.02	172.74	
18/10/2024 23:25	11.51	6.08	102.68	15.38	10.67	3.92	55.2	16.48	28.95	15.29	258.37	33.58	12.35	173.71	
18/10/2024 23:30	12.05	6.57	103.07	15.38	10.56	3.73	57.55	16.35	30.37	16.56	259.72	32.32	11.36	175.27	
18/10/2024 23:35	12.03	6.48	101.13	15.45	10.18	3.69	50.16	16.86	30.7	16.48	257.24	35.16	12.79	172.87	
18/10/2024 23:40	11.51	6.07	102.73	15.38	10.52	3.88	49.84	16.89	28.99	15.28	258.72	36.43	13.43	172.67	
18/10/2024 23:45	11.88	6.57	103.13	15.39	10.45	3.68	54.02	16.57	29.96	16.57	260.13	33.68	11.85	173	
18/10/2024 23:50	11.77	6.51	101.26	15.45	9.93	3.7	49.81	16.96	30.08	16.58	257.57	35.15	13.13	175.77	
18/10/2024 23:55	11.65	6.15	102.83	15.39	10.41	3.81	50.95	16.88	29.38	15.49	259.18	35.95	13.18	176.03	
19/10/2024 00:00	11.93	6.59	102.91	15.39	10.33	3.69	55.82	16.54	30.11	16.64	259.75	33.16	11.76	177.14	
19/10/2024 00:05	11.83	6.53	100.58	15.47	9.75	3.62	48.23	17.05	30.31	16.67	256.43	35.29	13.12	174.3	
19/10/2024 00:10	11.46	6.05	102.92	15.38	9.94	3.8	48.59	17.04	28.88	15.25	259.31	35.79	13.68	175.02	
19/10/2024 00:15	11.95	6.51	103.12	15.39											



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/10/2024 02:00	11.92	6.48	103.34	15.38	9.85	3.62	52.51	16.77	30.02	16.31	260.29	33.31	12.23	175.87	
19/10/2024 02:05	11.78	6.41	101.03	15.47	9.52	3.55	44.77	17.32	30.2	16.38	257.53	37.17	13.9	174.11	
19/10/2024 02:10	11.4	6.09	103.05	15.37	9.41	3.66	44.73	17.35	28.67	15.33	259.11	36.88	14.34	175.39	
19/10/2024 02:15	11.77	6.42	103.21	15.38	10.03	3.64	52.51	16.79	29.63	16.16	259.79	34.22	12.42	176.74	
19/10/2024 02:20	11.59	6.32	100.7	15.47	9.42	3.57	46.69	17.21	29.75	16.16	256.97	35.68	13.57	176.02	
19/10/2024 02:25	11.49	6.01	102.58	15.38	9.55	3.7	46.78	17.23	28.94	15.14	258.37	36.12	14.02	177.02	
19/10/2024 02:30	11.94	6.35	102.16	15.39	9.94	3.56	52.09	16.75	30.11	16	257.55	33.54	12.04	174.31	
19/10/2024 02:35	11.84	6.25	100.21	15.46	9.64	3.58	46.3	17.2	30.34	15.96	255.7	36.43	13.54	174.3	
19/10/2024 02:40	11.82	5.89	100.83	15.38	9.61	3.52	45.91	17.23	29.78	14.84	253.96	36.42	13.33	174	
19/10/2024 02:45	12.3	6.33	101.05	15.39	10.12	3.51	53.16	16.78	31.01	15.96	254.68	34.36	11.9	180.01	
19/10/2024 02:50	12.08	6.29	99.14	15.47	9.76	3.51	46.04	17.19	30.95	16.06	252.73	36.74	13.23	172.67	
19/10/2024 02:55	11.6	5.93	102.04	15.38	9.8	3.6	45.77	17.2	29.18	14.93	256.81	36.84	13.52	172.08	
19/10/2024 03:00	12.04	6.51	102.8	15.38	10.12	3.54	52.19	16.75	30.33	16.4	259.09	34.12	11.93	174	
19/10/2024 03:05	11.92	6.43	100.27	15.49	9.75	3.58	47.66	17.11	30.7	16.47	256.88	35.86	13.18	174.81	
19/10/2024 03:10	11.74	5.97	101.85	15.38	10.05	3.74	48.2	17.1	29.55	15.03	256.36	36.71	13.65	176.1	
19/10/2024 03:15	12.23	6.35	102.31	15.39	10.41	3.63	53.97	16.64	30.84	16	257.94	34.13	11.89	175.23	
19/10/2024 03:20	12.13	6.21	100	15.49	9.99	3.62	48.28	17.03	31.22	15.91	256.24	36.02	13.09	173.6	
19/10/2024 03:25	11.61	5.97	102.59	15.37	10.2	3.74	49.5	17.01	29.21	15.02	258.06	36.42	13.34	176.71	
19/10/2024 03:30	12	6.45	103.24	15.38	10.22	3.63	54.37	16.65	30.22	16.24	259.93	33.6	11.88	177.18	
19/10/2024 03:35	11.8	6.33	100.64	15.48	9.55	3.56	47.25	17.14	30.33	16.21	257.55	35.45	13.22	174.87	
19/10/2024 03:40	11.47	6.03	103.21	15.38	9.58	3.67	47.2	17.15	28.88	15.19	259.75	35.46	13.6	174.75	
19/10/2024 03:45	12.11	6.47	103.03	15.39	9.88	3.58	52.69	16.79	30.53	16.32	259.8	33.54	12.12	177.18	
19/10/2024 03:50	12.13	6.41	99.79	15.44	9.3	3.5	44.9	17.42	30.91	16.34	254.56	37.33	14.11	179.47	
19/10/2024 03:55	11.35	6.12	103.79	15.38	9.64	3.66	45.83	17.41	28.59	15.43	261.48	38.37	14.56	182.41	
19/10/2024 04:00	11.97	6.48	103.89	15.39	9.87	3.56	51.43	16.94	30.19	16.35	261.97	34.95	12.57	179.87	
19/10/2024 04:05	11.97	6.43	100.93	15.46	9.18	3.5	42.89	17.56	30.65	16.4	258.76	38.43	14.7	179	
19/10/2024 04:10	11.54	5.99	102.67	15.37	9.09	3.61	42.78	17.58	29.01	15.07	258.18	38.11	15.13	179.27	
19/10/2024 04:15	12.14	6.4	102.03	15.38	9.88	3.6	51.67	16.9	30.58	16.11	256.93	34.8	12.74	179.02	
19/10/2024 04:20	11.97	6.36	100.1	15.45	9.9	3.59	46.69	17.14	30.58	16.2	254.72	36.75	13.37	172.87	
19/10/2024 04:25	11.6	5.86	101.63	15.38	10.31	3.67	47.81	17.05	29.18	14.75	255.73	37.23	13.26	172.62	
19/10/2024 04:30	12.22	6.39	101.75	15.38	10.35	3.55	55.31	16.6	30.78	16.1	256.39	33.7	11.54	177.27	
19/10/2024 04:35	11.98	6.27	99.41	15.49	9.73	3.55	47.61	17.07	30.82	16.08	254.66	35.45	12.95	172.94	
19/10/2024 04:40	11.61	5.89	101.56	15.37	9.89	3.7	47.08	17.06	29.19	14.82	255.38	35.78	13.4	170.32	
19/10/2024 04:45	12.12	6.22	101.81	15.38	10.36	3.54	51.95	16.66	30.53	15.66	256.4	34.07	11.69	169.85	
19/10/2024 04:50	12.05	6.09	99.65	15.46	9.98	3.62	48.37	17.01	30.86	15.54	254.06	35.72	12.98	172.8	
19/10/2024 04:55	11.76	5.89	102.37	15.37	10.41	3.8	50.44	16.87	29.56	14.8	257.41	35.87	13.09	173.84	
19/10/2024 05:00	12.17	6.32	102.17	15.38	10.73	3.64	54.68	16.51	30.64	15.92	257.18	34.1	11.57	172.63	
19/10/2024 05:05	12.08	6.27	100.24	15.45	10.31	3.66	49.37	16.87	30.87	15.96	254.99	35.63	12.66	170.42	
19/10/2024 05:10	11.62	5.88	101.83	15.37	10.5	3.8	49.63	16.81	29.21	14.79	256.02	35.71	12.92	168.76	
19/10/2024 05:15	11.94	6.36	102.33	15.39	10.6	3.6	53.49	16.51	30.09	16.02	257.94	33.71	11.43	169.11	
19/10/2024 05:20	11.74	6.31	100.66	15.45	10.26	3.57	48.85	16.89	29.96	16.04	255.8	35.67	12.43	169.38	
19/10/2024 05:25	11.8	5.9	101.74	15.37	10.48	3.8	50.45	16.76	29.69	14.84	255.94	35.17	12.74	169.24	
19/10/2024 05:30	12.15	6.26	101.18	15.39	10.54	3.61	54.33	16.53	30.64	15.77	255.03	33.57	11.47	171.86	
19/10/2024 05:35	12.04	6.18	98.92	15.46	9.97	3.58	47.62	17.06	30.84	15.78	252.16	36.23	13	172.5	
19/10/2024 05:40	11.8	5.88	101.46	15.38	10.67	3.67	48.42	17.02	29.7	14.8	255.34	38.27	13.17	173.62	
19/10/2024 05:45	12.59	6.3	101.09	15.39	10.79	3.58	53.16	16.65	31.73	15.87	254.8	35.44	11.73	173.27	
19/10/2024 05:50	12.46	6.26	99.56	15.46	9.72	3.56	45.11	17.3	31.88	15.96	254.1	37.73	13.86	174.62	
19/10/2024 05:55	11.73	5.91	101.73	15.38	10.02	3.6	46.3	17.23	29.53	14.89	256.09	37.98	13.63	175.56	
19/10/2024 06:00	11.98	6.49	102.59	15.39	10.34	3.58	51.69	16.79	30.2	16.37	258.67	35.21	12.16	174.13	
19/10/2024 06:05	11.82	6.49	99.74	15.46	9.57	3.5	43.69	17.4	30.28	16.57	255.49	38.14	13.99	173.56	
19/10/2024 06:10	11.58	5.96	102.18	15.38	9.8	3.58	42.8	17.45	29.13	15	257.16	39.45	14.42	172.35	
19/10/2024 06:15	12.02	6.42	102.36	15.39	10.18	3.62	51.96	16.82	30.29	16.17	258.01	35.14	12.45	175.75	
19/10/2024 06:20	11.81	6.3	99.81	15.51	9.53	3.57	45.72	17.28	30.52	16.19	256.9	36.73	13.8	175.6	
19/10/2024 06:25	11.41	5.92	102.54	15.38	9.61	3.78	47.48	17.17	28.72	14.89	258.09	35.77	14.08	176.75	
19/10/2024 06:30	12.14	6.3	102.84	15.38	10.16	3.69	53.45	16.72	30.57	15.87	259.04	33.92	12.32	176.97	
19/10/2024 06:35	12.09	6.23	100.1	15.44	9.69	3.55	44.74	17.29	30.8	15.86	255.3	37.49	13.76	172.52	
19/10/2024 06:40	11.58	5.87	102.16	15.37	9.78	3.63	44.08	17.37	29.11	14.75	256.83	38.47	14.26	173.35	
19/10/2024 06:45	12.19	6.35	102.48	15.38	10.05	3.53	49.64	16.88	30.68	15.98	257.94	35.04	12.32	171.15	
19/10/2024 06:50	12.19	6.31	99.4	15.45	9.38	3.46	43.27	17.4	31.09	16.06	253.58	37.54	13.88	172.33	
19/10/2024 06:55	11.58	5.91	101.89	15.38	9.64	3.61	45.98	17.21	29.13	14.86	256.35	36.36	13.62	173.41	
19/10/2024 07:00	12.16	6.38	102.71	15.38	10	3.52	50.74	16.86	30.62	16.06	258.68	34.53	12.14	173.63	
19/10/2024 07:05	12.09	6.41	100.5	15.43	9.31	3.48	42.83	17.48	30.74	16.3	255.83	37.99	14.26	174.32	
19/10/2024 07:10	11.59	5.95	102.87	15.38	9.72	3.6	42.92	17.48	29.19	14.97	258.96	39.46	14.6	174.27	
19/10/2024 07:15	11.87	6.36	102.87	15.39	9.92	3.55	51.17	16.91	29.93	16.04	259.3	34.94	12.47	177.04	
19/10/2024 07:20	11.74	6.27	100.12	15.49	9.25	3.49	43.43	17.46	30.26	16.09	256.33	37.56	14.21	175.48	
19/10/2024 07:25	11.36	6.02	103.48	15.38	9.63	3.58	44.61	17.37	28.61	15.16	260.51	37.89	14.09	175.6	
19/10/2024 07:30	11.68	6.44	104.11	15.39	9.69	3.44	49.14	16.99	29.46	16.23	262.51	34.73	12.31	174.64	
19/10/2024 07:35	11.59	6.39	100.67	15.47	8.96	3.41	40.5	17.69	29.76	16.35	257.8	39.04	14.91	175.66	
19/10/2024 07:40	11.37	5.96	103.12	15.38	9.23	3.64	41.28	17.67	28.65	15.03	259.82	39.72	15.67	177.58	
19/10/2024 07:45	11.54	6.39	103.6	15.39	9.84	3.58	50.06	16.96	29.1	16.13	261.34	35.35	12.93	176.11	
19/10/2024 07:50	11.43	6.35	100.42	15.46	9.63	3.51	45.08	17.25	29.28	16.2	256.83	36.86	13.46	172	
19/10/2024 07:55	11.35	5.97	103.04	15.38	10	3.61	45.38	17.24	28.58	15.03	259.31	37.95	13.71	1	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/10/2024 09:45	11.97	6.36	102.93	15.38	10.42	3.44	54.59	16.56	30.14	16.01	259.21	33.51	11	173.82	
19/10/2024 09:50	11.96	6.35	100.43	15.49	9.66	3.31	48.21	17.04	30.74	16.23	257.24	34.89	11.96	173.81	
19/10/2024 09:55	11.33	5.58	102.23	15.37	9.77	3.49	49.41	16.93	28.45	14.02	256.79	34.15	12.19	172.77	
19/10/2024 10:00	11.78	6.04	102.38	15.38	10.05	3.26	54.31	16.57	29.67	15.22	257.8	32.94	10.48	173.44	
19/10/2024 10:05	11.57	6.04	99.76	15.42	9.82	3.22	47.29	17.04	29.39	15.31	253.41	35.44	11.62	170.48	
19/10/2024 10:10	11.56	5.67	101.39	15.37	10.05	3.45	49.31	16.96	29.05	14.25	254.68	35.47	12.2	174.08	
19/10/2024 10:15	12.17	6.03	101.24	15.37	10.12	3.2	50.51	16.91	30.61	15.16	254.56	35.31	11.11	175.98	
19/10/2024 10:20	11.96	5.91	98.35	15.52	8.02	2.76	32.22	18.36	31.14	15.22	252.47	44.4	15.26	176.88	
19/10/2024 10:25	11.34	5.57	102.12	15.37	7.17	2.17	28.55	18.67	28.5	14	256.73	44.74	13.56	178.09	
19/10/2024 10:30	11.9	5.92	101.83	15.37	8.56	2.54	41.31	17.65	29.93	14.88	256.07	38.07	11.24	175.79	
19/10/2024 10:35	11.75	5.77	99.23	15.49	8.21	2.81	35.09	18.17	30.3	14.84	253.98	42.63	14.68	179.53	
19/10/2024 10:40	11.19	5.3	102.08	15.36	7.88	2.81	37.03	17.97	28.11	13.31	256.31	37.38	13.36	175.79	
19/10/2024 10:45	11.85	5.95	102.29	15.37	9.19	2.93	45.51	17.31	29.76	14.95	256.9	35.82	11.48	174.99	
19/10/2024 10:50	11.87	6.03	100.34	15.48	8.59	2.91	35.01	18.1	30.63	15.44	257.67	43.41	14.85	174.66	
19/10/2024 10:55	11.48	5.39	102.44	15.36	8.64	2.83	34.38	18.18	28.79	13.51	256.92	44.23	14.48	175.95	
19/10/2024 11:00	11.48	5.57	102.62	15.35	9.54	2.9	46.45	17.21	28.79	13.98	257.24	37.29	11.42	174.38	
19/10/2024 11:05	11.03	5.22	100.05	15.45	8.94	2.82	38.53	17.76	28.35	13.33	254.15	39.97	12.71	170.78	
19/10/2024 11:10	11.63	5.55	102.34	15.35	9.45	3.03	38.45	17.79	29.14	13.9	256.49	42.26	13.56	171.9	
19/10/2024 11:15	12.14	5.91	102.37	15.36	10.02	3.12	47.26	17.13	30.45	14.83	256.74	37.53	11.58	172.62	
19/10/2024 11:20	12.26	6	99.76	15.49	8.75	2.76	37.95	17.83	31.57	15.36	255.24	40.19	12.8	172.37	
19/10/2024 11:25	11.3	5.4	103.1	15.35	8.55	2.85	38.05	17.87	28.3	13.53	258.26	39.21	13.05	174.56	
19/10/2024 11:30	11.77	5.82	102.46	15.35	9.56	2.86	47.38	17.12	29.48	14.57	256.72	35.7	10.74	173.32	
19/10/2024 11:35	11.74	5.95	100.32	15.39	9.4	2.94	42.98	17.39	29.6	14.99	253.3	37.47	11.79	170.25	
19/10/2024 11:40	11.32	5.4	102.98	15.34	9.53	2.77	45.48	17.2	28.32	13.5	257.5	35.76	10.38	170.66	
19/10/2024 11:45	11.86	5.56	103.23	15.35	9.89	2.76	49.68	16.86	29.69	13.91	258.5	34.15	9.48	170.26	
19/10/2024 11:50	11.57	5.19	100.36	15.46	8.96	2.72	40.03	17.64	29.73	13.27	255.4	38.65	11.83	171.25	
19/10/2024 11:55	11.82	5.63	103.05	15.35	9.13	2.81	38.97	17.75	29.61	14.11	258.2	40.23	12.4	171.79	
19/10/2024 12:00	11.07	5.35	102.75	15.35	9.44	2.65	46.06	17.19	27.73	13.41	257.3	35.85	10.07	171.24	
19/10/2024 12:05	10.93	5.48	100.19	15.48	8.73	2.7	36.61	17.92	28.18	14	255.84	41.43	12.95	171.21	
19/10/2024 12:10	11.34	5.3	102.96	15.34	8.56	2.67	38.08	17.83	28.35	13.25	257.48	38.76	12.1	172.39	
19/10/2024 12:15	12.02	6.3	103.11	15.35	9.69	2.9	46.62	17.15	30.13	15.78	258.37	36.29	10.82	171.63	
19/10/2024 12:20	11.95	6.31	101.29	15.44	9.02	2.66	39.82	17.63	30.51	16.01	257.32	38.56	11.43	169.58	
19/10/2024 12:25	11.48	5.49	103.13	15.35	9.88	2.95	40.33	17.6	28.73	13.75	258.19	41.56	12.43	169.71	
19/10/2024 12:30	11.49	5.39	102.93	15.34	10.13	2.97	47.43	17.15	28.75	13.48	257.56	37.97	11.09	176.92	
19/10/2024 12:35	11.32	5.46	100.08	15.52	8.46	2.41	36.52	17.93	29.46	14.05	258.33	40.04	11.52	171.16	
19/10/2024 12:40	11.13	5.11	102.9	15.34	8.05	2.24	35.09	18	27.85	12.79	257.36	38.55	10.71	168.12	
19/10/2024 12:45	11.64	5.64	103.34	15.35	8.97	2.37	42.01	17.42	29.15	14.12	258.77	36.16	9.52	167.3	
19/10/2024 12:50	11.26	5.54	100.43	15.5	8.15	2.52	30.89	18.43	29.32	14.31	256.97	47	14.53	174.79	
19/10/2024 12:55	11.42	5.14	101.89	15.34	8.63	3.22	32.44	18.39	28.56	12.86	254.8	47.75	17.83	179.57	
19/10/2024 13:00	11.74	5.29	102.31	15.34	9.43	2.9	42.86	17.5	29.35	13.23	255.79	40.01	12.73	174.55	
19/10/2024 13:05	11.27	5.03	99.66	15.49	8.37	2.47	34.23	18.15	29.23	12.9	254.73	42.73	12.67	173.29	
19/10/2024 13:10	10.91	4.63	101.55	15.33	8.11	2.28	31.84	18.41	27.2	11.56	253.22	45.29	12.75	177.83	
19/10/2024 13:15	11.64	5.36	102.54	15.34	9.14	2.54	43.88	17.41	29.12	13.4	256.53	37.98	10.46	174.2	
19/10/2024 13:20	10.95	4.81	99.96	15.46	8.04	2.3	32.81	18.28	28.23	12.29	253.99	43.49	12.69	174.5	
19/10/2024 13:25	11.28	5.11	102.13	15.34	8.09	2.2	32.89	18.27	28.19	12.77	255.13	42.71	11.63	173.54	
19/10/2024 13:30	11.9	5.46	101.93	15.34	9.36	2.68	43.34	17.45	29.76	13.65	254.86	38.5	10.83	173.11	
19/10/2024 13:35	11.5	5.28	99.01	15.49	8.06	2.29	31.67	18.33	29.9	13.58	252.71	44.86	12.98	172.51	
19/10/2024 13:40	11.28	5.04	101.42	15.34	7.61	2.2	28.39	18.67	28.19	12.6	253.52	47.37	13.72	176.74	
19/10/2024 13:45	12.12	5.47	101.83	15.34	8.9	2.46	41.27	17.6	30.3	13.67	254.5	39.23	10.87	173.02	
19/10/2024 13:50	11.87	5.33	98.86	15.5	7.8	2.32	28.74	18.64	31.18	13.91	253.2	49.76	14.75	178.01	
19/10/2024 13:55	11.06	5.07	102.17	15.34	7.45	2.8	24.08	19.07	27.65	12.69	255.32	56.57	21.24	182.76	
19/10/2024 14:00	12.03	5.51	102.57	15.34	8.72	2.51	39.57	17.74	30.09	13.78	256.45	42.56	13.26	175	
19/10/2024 14:05	11.74	5.42	99.92	15.51	7.7	2.12	30.17	18.48	30.76	14.06	256.14	45.89	13.12	174.45	
19/10/2024 14:10	11.05	4.98	102.37	15.33	7.45	2.38	25.78	18.89	27.57	12.43	255.47	51.64	16.46	178.62	
19/10/2024 14:15	11.79	5.61	103.44	15.34	8.83	2.7	39.4	17.8	29.47	14.02	258.48	42.07	12.87	175.57	
19/10/2024 14:20	11.39	5.46	100.53	15.51	7.3	2.09	25	18.98	29.98	14.12	257.61	56.35	16.12	183.92	
19/10/2024 14:25	11.03	4.99	102.63	15.33	6.81	1.86	21.78	19.31	27.54	12.45	256.27	59.59	16.27	190.53	
19/10/2024 14:30	11.59	5.4	101.43	15.35	8.8	2.42	37.95	17.89	29.02	13.52	253.92	45.13	12.3	177.98	
19/10/2024 14:35	11.3	5.21	99.14	15.49	7.64	2.16	29.38	18.59	29.55	13.41	258.36	47.23	13.34	177.88	
19/10/2024 14:40	11.09	5.1	103.15	15.34	7.2	2.03	24.84	19	27.72	12.75	257.83	52.78	14.89	182.05	
19/10/2024 14:45	11.78	5.85	102.52	15.34	8.31	2.07	40.4	17.87	29.46	14.64	256.43	41.16	10.43	193.58	
19/10/2024 14:50	11.57	5.89	97.8	15.64	7.3	2.15	22.34	19.2	32.58	16.11	261.39	67.08	20.2	187.76	
19/10/2024 14:55	11.25	5.22	102.89	15.35	7.66	2.67	18.56	19.61	28.15	13.06	257.56	82.26	28.72	199.43	
19/10/2024 15:00	12.1	6.01	103.38	15.36	8.91	2.78	36.53	18.12	30.33	15.08	259.15	54.62	17.71	185.44	
19/10/2024 15:05	11.71	5.77	100.32	15.54	7.36	2.2	24.08	19.08	31	14.98	259.09	58.99	17.93	186.41	
19/10/2024 15:10	11.12	5.27	103.87	15.35	6.72	1.95	21.7	19.34	27.86	13.2	260.12	60.01	17.45	193.85	
19/10/2024 15:15	11.44	5.6	104.32	15.36	8.63	2.46	41.04	17.75	28.71	14.04	261.74	43.84	12.52	183.35	
19/10/2024 15:20	11.2	5.46	101.58	15.5	8.21	2.48	33.05	18.31	29.28	14.17	260.37	45.03	13.6	178.25	
19/10/2024 15:25	11.19	5.27	103.97	15.35	8.44	2.99	29.66	18.68	28	13.19	260.16	52.86	18.71	185.79	
19/10/2024 15:30	11.5	5.73	104.54	15.35	9.04	2.78	42.88	17.61	28.83	14.36	261.98	40.72	12.78	180.69	
19/10/2024 15:35	11.11	5.51	100.59	15.57	7.37	2.15	29.91	18.61	29.37	14.3	261.66	46.01	13.54	182.92	
19/10/2024 15:40	10.71	5.42	105.68	15.36	6.55	1.86	26.84	18.93	26.87	13.61	265.16	46.11	13.1	189.08	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
19/10/2024 17:30	11.54	6.05	105.58	15.36	9.21	2.87	47.52	17.22	28.96	15.18	265	37.36	11.45	178.7	
19/10/2024 17:35	11.33	5.86	101.46	15.57	8.9	3.04	40.32	17.76	30.42	15.37	264.56	40.47	14.01	179.69	
19/10/2024 17:40	11.44	6.09	107.35	15.36	7.84	2.89	31.69	18.53	28.71	15.29	269.51	45.97	16.95	185.7	
19/10/2024 17:45	11.96	6.67	107.74	15.37	9.5	3.18	49.2	17.12	30.06	16.77	270.75	37.25	12.76	181.64	
19/10/2024 17:50	11.9	6.65	106.59	15.44	9.94	3.46	51.8	16.89	30.36	16.9	271.41	34.64	12.1	179.86	
19/10/2024 17:55	11.1	6.31	110.21	15.37	9.53	3.52	49.36	17.14	27.89	15.87	277.02	35.21	12.99	182.35	
19/10/2024 18:00	11.74	7.04	110.84	15.38	10.33	3.54	59.52	16.44	29.54	17.71	278.92	32.48	11.19	187.02	
19/10/2024 18:05	11.69	7	109.08	15.41	10.78	3.67	59.02	16.27	29.63	17.69	275.83	32.41	11.03	177.31	
19/10/2024 18:10	11.27	6.39	108.99	15.37	11.03	3.88	59.45	16.25	28.35	16.08	274.1	32.98	11.59	177.72	
19/10/2024 18:15	11.69	7.11	110.5	15.38	10.82	3.72	62.81	16.07	29.43	17.9	278.19	31.17	10.7	180.27	
19/10/2024 18:20	11.6	7.06	108.17	15.41	10.65	3.82	60.79	16.21	29.37	17.85	273.91	31.6	11.33	180.22	
19/10/2024 18:25	11.18	6.4	108.55	15.36	10.88	3.99	61.09	16.23	28.07	16.06	272.56	32.39	11.87	181.95	
19/10/2024 18:30	11.73	7	108.31	15.38	10.73	3.76	63.42	16.06	29.52	17.62	272.6	30.89	10.79	181.98	
19/10/2024 18:35	11.73	6.89	106.27	15.42	10.73	3.75	59.89	16.23	29.76	17.45	269.07	31.93	11.17	178.1	
19/10/2024 18:40	11.13	6.47	109.41	15.37	11.3	3.92	60.83	16.15	27.95	16.27	274.84	33.09	11.49	178.18	
19/10/2024 18:45	11.63	7.06	109.18	15.38	10.97	3.81	63.7	16.03	29.3	17.78	275.03	31.33	10.85	181.23	
19/10/2024 18:50	11.48	6.92	107.06	15.43	10.64	3.76	60.53	16.19	29.18	17.54	271.58	31.43	11.11	178.61	
19/10/2024 18:55	11.11	6.4	108.35	15.37	10.78	3.97	61.84	16.14	27.93	16.09	272.32	31.5	11.6	180.68	
19/10/2024 19:00	11.84	7.04	108.37	15.38	10.88	3.9	64.18	16.03	29.84	17.75	273.11	31.06	11.12	182.79	
19/10/2024 19:05	11.74	6.95	106.88	15.42	10.43	3.66	60	16.26	29.77	17.59	270.8	31.34	11.02	179.92	
19/10/2024 19:10	11.07	6.38	108.34	15.38	10.92	3.88	61.36	16.2	27.87	16.06	272.68	32.3	11.47	181.47	
19/10/2024 19:15	11.79	6.94	108.19	15.39	10.6	3.74	63.64	16.08	29.72	17.48	272.7	30.6	10.76	183.06	
19/10/2024 19:20	11.8	6.81	105.6	15.45	10.53	3.85	59.25	16.32	30.1	17.3	268.68	32.01	11.7	179.86	
19/10/2024 19:25	11.22	6.4	107.88	15.38	10.72	3.91	59.42	16.3	28.22	16.11	271.43	32.36	11.8	179.37	
19/10/2024 19:30	11.58	6.97	108.03	15.39	10.68	3.73	62.97	16.1	29.19	17.57	272.45	31.01	10.8	182.02	
19/10/2024 19:35	11.58	6.89	105.88	15.43	10.68	3.77	59.29	16.26	29.44	17.49	268.65	32.04	11.33	177.7	
19/10/2024 19:40	11.49	6.49	108.19	15.37	11.05	4	60.55	16.22	28.91	16.33	272.17	32.8	11.88	179.78	
19/10/2024 19:45	11.84	6.92	108.67	15.38	10.86	3.74	63.15	16.06	29.82	17.42	273.71	31.23	10.73	180.98	
19/10/2024 19:50	11.79	6.82	106.42	15.42	10.72	3.8	58.89	16.29	29.94	17.27	269.59	32.38	11.49	177.66	
19/10/2024 19:55	11.41	6.47	107.92	15.37	10.91	4.02	59.31	16.29	28.66	16.26	271.11	32.89	12.12	178.86	
19/10/2024 20:00	12.05	7.1	108.86	15.38	10.85	3.83	62.17	16.11	30.34	17.86	274.03	31.52	11.1	180.18	
19/10/2024 20:05	12.12	7.04	106.36	15.41	10.5	3.82	58.35	16.37	30.69	17.8	269.4	32.28	11.75	179.1	
19/10/2024 20:10	11.1	6.41	108.67	15.37	10.86	3.92	59.02	16.33	27.9	16.12	273.16	32.99	11.92	179.3	
19/10/2024 20:15	11.86	7.08	109.3	15.38	10.66	3.77	61.63	16.18	29.85	17.83	275.21	31.42	11.07	181.03	
19/10/2024 20:20	11.88	7.02	107.08	15.43	10.19	3.8	56.51	16.56	30.23	17.82	271.62	32.72	12.22	180.99	
19/10/2024 20:25	11.17	6.42	108.8	15.37	10.19	3.96	55.72	16.63	28.09	16.15	273.68	33.16	12.87	181.37	
19/10/2024 20:30	11.58	6.92	109.28	15.38	10.31	3.76	60.65	16.32	29.16	17.44	275.27	31.35	11.42	183.31	
19/10/2024 20:35	11.57	6.88	107.83	15.43	10.11	3.74	55.65	16.63	29.45	17.45	273.75	32.96	12.22	181.11	
19/10/2024 20:40	11.07	6.31	107.7	15.37	10.59	3.96	56.13	16.62	27.81	15.86	270.58	34.37	12.83	182.09	
19/10/2024 20:45	11.93	7.09	107.59	15.38	10.46	3.73	60.38	16.32	30.03	17.85	270.91	31.82	11.31	182.53	
19/10/2024 20:50	11.89	7.05	105.17	15.45	10.08	3.7	56.03	16.55	30.31	17.91	267.52	32.27	11.88	179.03	
19/10/2024 20:55	11.25	6.53	108.36	15.37	10.03	3.91	56.38	16.55	28.29	16.41	272.42	32.04	12.48	180.08	
19/10/2024 21:00	11.55	6.77	106.94	15.37	10.36	3.76	60.13	16.28	29.04	17.03	268.98	31.22	11.31	180.43	
19/10/2024 21:05	11.45	6.72	105.14	15.42	10.41	3.78	56.15	16.51	29.06	17.02	266.16	33.04	12.02	177.92	
19/10/2024 21:10	11.31	6.45	107.66	15.37	10.59	3.97	56.7	16.49	28.45	16.21	270.74	33.4	12.52	178.75	
19/10/2024 21:15	11.63	7.06	108.69	15.38	10.57	3.84	62.43	16.25	29.31	17.8	273.9	31.63	11.5	186.54	
19/10/2024 21:20	11.4	6.92	106.31	15.46	10.21	3.78	57.43	16.47	29.18	17.62	271.22	32.11	11.89	180.42	
19/10/2024 21:25	11.11	6.47	108.77	15.37	9.97	3.92	57.42	16.51	27.95	16.27	273.63	31.56	12.42	181.79	
19/10/2024 21:30	11.71	6.93	108.12	15.38	10.18	3.75	60.33	16.29	29.49	17.46	272.36	30.77	11.3	181.55	
19/10/2024 21:35	11.62	6.81	105.97	15.43	10.1	3.79	55.77	16.61	29.54	17.27	268.77	32.86	12.34	181	
19/10/2024 21:40	10.9	6.36	108.3	15.37	10.23	3.96	57.56	16.5	27.4	15.98	272.21	32.35	12.5	181.97	
19/10/2024 21:45	11.59	6.94	107.97	15.38	10.15	3.71	60.86	16.28	29.18	17.48	271.81	30.62	11.15	182.68	
19/10/2024 21:50	11.51	6.83	105.37	15.45	9.86	3.72	53.85	16.72	29.42	17.39	268.22	32.88	12.44	179.07	
19/10/2024 21:55	11.19	6.43	108.28	15.38	10.14	4.35	54.45	16.75	28.16	16.17	272.42	33.98	14.56	182.45	
19/10/2024 22:00	11.9	6.9	107.51	15.38	10.23	3.96	60.12	16.36	29.98	17.39	270.85	31.5	12.2	183.6	
19/10/2024 22:05	11.87	6.79	105.34	15.45	9.83	3.7	53.05	16.8	30.27	17.26	267.78	33.49	12.61	179.99	
19/10/2024 22:10	11.1	6.28	107.86	15.38	9.69	3.8	52.7	16.88	27.94	15.81	271.52	33.52	13.14	182.36	
19/10/2024 22:15	11.73	6.88	107.9	15.39	10.3	3.76	58.13	16.4	29.56	17.35	272.03	31.96	11.72	179.74	
19/10/2024 22:20	11.66	6.83	106.33	15.43	10.27	3.72	56.11	16.5	29.68	17.34	269.77	32.5	11.78	177.37	
19/10/2024 22:25	11.18	6.5	108.31	15.37	10.38	3.97	56.31	16.52	28.11	16.33	272.27	32.9	12.59	178.59	
19/10/2024 22:30	11.74	6.91	108.23	15.38	10.57	3.87	61.5	16.18	29.56	17.39	272.5	31.22	11.43	180.71	
19/10/2024 22:35	11.72	6.79	105.89	15.43	10.45	3.78	56.35	16.47	29.8	17.22	268.45	32.81	11.87	176.81	
19/10/2024 22:40	11.33	6.41	107.4	15.37	10.53	3.91	55.34	16.55	28.49	16.13	270.08	33.64	12.48	176.78	
19/10/2024 22:45	11.87	7.04	108.25	15.38	10.32	3.69	60.42	16.28	29.89	17.73	272.56	31.12	11.11	181.09	
19/10/2024 22:50	11.75	6.94	106.05	15.46	10.04	3.71	54.05	16.73	30.09	17.69	270.58	33.59	12.43	180.25	
19/10/2024 22:55	11.21	6.41	108.17	15.37	10.05	3.89	53.05	16.84	28.19	16.11	272.01	34.4	13.33	181.64	
19/10/2024 23:00	11.82	6.95	109.51	15.38	10.46	3.84	61.22	16.26	29.77	17.5	275.73	31.56	11.6	182.84	
19/10/2024 23:05	11.8	6.82	108.02	15.42	10.69	3.99	60.94	16.2	29.97	17.28	273.65	31.65	11.82	180.2	
19/10/2024 23:10	11.17	6.5	108.75	15.37	11	4.06	60.53	16.19	28.05	16.33	273.23	32.46	11.99	178.6	
19/10/2024 23:15	11.75	7	109.08	15.38	10.42	3.69	63.44	16.04	29.58	17.62	274.53	29.84	10.55	180.92	
19/10/2024 23:20	11.7	6.95	108.34	15.41	10.48	3.96	60.98	16.21	29.6	17.58	274.02	31.12	11.77	180.86	
19/10/2024 23:25	11.18	6.32	107.55	15.37	10.66	4.14	61.67	16.16	28						



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/10/2024 01:15	11.53	6.89	107.53	15.38	10.63	3.93	62.65	16.08	29.03	17.35	270.86	30.67	11.32	180.08	
20/10/2024 01:20	11.47	6.72	105.42	15.42	10.62	4	59.06	16.28	29.13	17.02	267.01	31.97	12.05	177.64	
20/10/2024 01:25	11.27	6.45	106.92	15.37	10.84	4.21	60.38	16.24	28.35	16.22	268.8	32.36	12.55	180.17	
20/10/2024 01:30	11.74	6.91	107.98	15.38	10.73	4.01	63.03	16.07	29.54	17.38	271.76	30.88	11.53	180.83	
20/10/2024 01:35	11.71	6.83	106.44	15.41	10.69	4.04	58.96	16.26	29.65	17.25	268.99	32.08	12.15	176.83	
20/10/2024 01:40	11.26	6.35	106.82	15.37	11.36	4.16	60.52	16.17	28.3	15.95	268.4	33.41	12.23	177.97	
20/10/2024 01:45	11.88	6.85	107.26	15.38	11.05	3.97	62.5	16.06	29.89	17.24	269.85	31.74	11.38	178.93	
20/10/2024 01:50	11.81	6.75	105.14	15.44	10.73	4.01	58.28	16.33	30.05	17.14	266.96	32.62	12.19	177.13	
20/10/2024 01:55	11.16	6.4	107.92	15.37	10.84	4.03	58.52	16.34	28.08	16.11	271.42	33.02	12.28	178.21	
20/10/2024 02:00	12.1	6.86	106.82	15.38	10.83	4.01	61.44	16.17	30.47	17.29	269.06	31.84	11.76	179.95	
20/10/2024 02:05	12.24	6.8	104.12	15.42	10.4	3.87	56.89	16.45	31.02	17.21	263.95	32.47	12.08	177.58	
20/10/2024 02:10	11.14	6.38	107.47	15.37	10.8	4.06	56.56	16.4	27.99	16.02	269.94	33.39	12.57	174.9	
20/10/2024 02:15	11.69	6.8	106.83	15.37	10.59	3.88	60.68	16.19	29.39	17.1	268.58	31.31	11.43	178.35	
20/10/2024 02:20	11.64	6.65	104.34	15.42	10.46	3.99	57.06	16.41	29.57	16.84	264.37	32.4	12.36	176.57	
20/10/2024 02:25	11.22	6.44	106.74	15.37	10.69	4.03	57.28	16.37	28.19	16.19	268.26	32.77	12.37	175.65	
20/10/2024 02:30	11.72	6.93	107.49	15.38	10.66	3.89	61.78	16.11	29.5	17.43	270.51	31	11.3	178.8	
20/10/2024 02:35	11.72	6.93	105.63	15.4	10.71	4.04	58.99	16.29	29.61	17.5	266.86	32.32	12.2	177.94	
20/10/2024 02:40	11.3	6.37	106.66	15.36	11.45	4.11	58.95	16.24	28.38	15.98	267.81	34.14	12.26	175.75	
20/10/2024 02:45	11.62	6.88	107.51	15.38	10.99	3.96	62.65	16.06	29.25	17.32	270.66	31.61	11.35	179.4	
20/10/2024 02:50	11.58	6.82	104.19	15.42	10.47	3.99	58.16	16.34	29.37	17.26	263.8	31.98	12.2	177.48	
20/10/2024 02:55	11.3	6.44	107.5	15.37	11	4.16	57.95	16.31	28.39	16.19	270.16	33.32	12.6	175.54	
20/10/2024 03:00	11.63	6.82	107.56	15.38	11.12	4.24	63.64	16.05	29.29	17.17	270.86	31.92	12.11	181.37	
20/10/2024 03:05	11.53	6.71	105.27	15.42	10.7	3.96	59.41	16.22	29.27	17.01	266.65	31.81	11.79	176.48	
20/10/2024 03:10	11.21	6.38	106.78	15.37	10.81	4.1	60.16	16.2	28.17	16.03	268.28	31.98	12.11	177.91	
20/10/2024 03:15	11.7	6.91	107.54	15.38	10.73	4.02	63.08	16.06	29.45	17.38	270.66	30.85	11.51	180.65	
20/10/2024 03:20	11.62	6.9	106.05	15.41	10.66	4.02	58.34	16.31	29.45	17.46	268.2	32.35	12.21	176.81	
20/10/2024 03:25	11.23	6.32	106.63	15.37	10.94	4.11	58	16.3	28.24	15.88	268.04	33.04	12.42	175.2	
20/10/2024 03:30	11.9	6.75	106.25	15.38	10.79	3.91	61.19	16.11	29.95	16.99	267.45	31.34	11.34	176.98	
20/10/2024 03:35	11.69	6.68	104.91	15.41	10.71	3.95	57.34	16.34	29.63	16.91	265.32	32.69	12.06	174.73	
20/10/2024 03:40	11.27	6.31	106.85	15.37	10.98	4.1	57.58	16.3	28.32	15.87	268.58	33.17	12.37	173.87	
20/10/2024 03:45	11.63	6.75	106.48	15.38	11.02	4.11	61.7	16.08	29.27	16.97	267.95	31.85	11.84	177.56	
20/10/2024 03:50	11.56	6.69	105.09	15.41	10.64	4	58.64	16.28	29.27	16.92	265.71	32.01	12.03	176.34	
20/10/2024 03:55	11.35	6.36	106.63	15.37	10.94	4.27	59.45	16.23	28.54	15.99	268	32.59	12.71	177.12	
20/10/2024 04:00	11.8	6.77	106.11	15.38	10.93	4.06	63.12	16.01	29.68	17.04	266.98	31.12	11.55	178.96	
20/10/2024 04:05	11.68	6.68	104.11	15.43	10.7	4.06	58.76	16.26	29.68	16.92	263.92	32.05	12.17	175.87	
20/10/2024 04:10	11.19	6.27	106.71	15.37	10.94	4.17	59.59	16.24	28.12	15.74	268.05	32.65	12.46	177.9	
20/10/2024 04:15	11.68	6.8	106.57	15.38	10.48	3.85	62.12	16.14	29.39	17.11	268.14	30.61	11.22	180.73	
20/10/2024 04:20	11.57	6.72	104.58	15.43	10.12	3.94	56.12	16.55	29.4	17.03	265.01	32.35	12.59	179.19	
20/10/2024 04:25	11.08	6.41	107.34	15.37	10.14	4.16	56.28	16.58	27.88	16.13	270.04	32.64	13.38	181.14	
20/10/2024 04:30	11.73	6.81	107.26	15.37	10.12	3.85	60.66	16.28	29.51	17.13	269.76	30.57	11.64	182.15	
20/10/2024 04:35	11.63	6.71	105.19	15.44	10.11	3.93	56.23	16.54	29.65	17.04	267.4	32.28	12.58	179.28	
20/10/2024 04:40	11.21	6.4	107.56	15.37	10.45	4	55.92	16.55	28.18	16.08	270.27	33.37	12.77	178.5	
20/10/2024 04:45	11.68	6.89	108.37	15.38	10.4	3.86	60.47	16.32	29.39	17.33	272.71	31.63	11.72	183.77	
20/10/2024 04:50	11.57	6.8	106.38	15.44	9.99	3.93	54.89	16.65	29.5	17.3	270.36	32.72	12.88	179.63	
20/10/2024 04:55	11.14	6.44	108.18	15.36	9.94	3.96	55.14	16.64	27.97	16.16	271.62	32.44	12.91	180.01	
20/10/2024 05:00	11.55	6.91	108.14	15.38	10.14	3.79	60.49	16.34	29.05	17.37	272.06	30.93	11.57	184.6	
20/10/2024 05:05	11.55	6.78	105.41	15.44	10.06	3.96	55.88	16.56	29.45	17.22	267.79	32.3	12.71	179.07	
20/10/2024 05:10	11.13	6.39	107.38	15.37	10.5	4.21	57.69	16.45	27.95	16.06	269.72	32.8	13.14	180.19	
20/10/2024 05:15	11.53	6.84	108.69	15.38	10.34	3.96	60.88	16.26	29.01	17.21	273.56	31.02	11.86	181.73	
20/10/2024 05:20	11.57	6.76	107.53	15.42	10.19	4.01	56.52	16.53	29.4	17.12	272.73	32.46	12.8	179.84	
20/10/2024 05:25	11.11	6.39	107.99	15.36	10.41	4.1	57.14	16.52	27.91	16.06	271.17	33.05	13.01	181.48	
20/10/2024 05:30	11.53	6.86	107.67	15.38	10.36	3.96	62.29	16.21	29.03	17.27	271.17	30.82	11.74	183.95	
20/10/2024 05:35	11.5	6.82	106.62	15.42	10.3	3.97	57.59	16.42	29.18	17.26	270.19	31.98	12.32	178.69	
20/10/2024 05:40	11.07	6.35	107.85	15.37	10.58	4.14	58.55	16.36	27.83	15.98	271.23	32.42	12.69	179.41	
20/10/2024 05:45	11.57	6.75	107.27	15.38	10.33	3.9	62.55	16.22	29.12	16.98	269.93	30.72	11.6	185.7	
20/10/2024 05:50	11.46	6.6	105.2	15.43	10.21	3.99	57.89	16.44	29.15	16.76	266.84	31.91	12.48	180.61	
20/10/2024 05:55	10.98	6.43	108.05	15.37	10.22	4.11	57.52	16.47	27.62	16.18	271.7	32.07	12.9	180.48	
20/10/2024 06:00	11.57	6.77	107.19	15.38	10.16	3.89	61.94	16.21	29.13	17.04	269.77	30.19	11.54	183.04	
20/10/2024 06:05	11.51	6.62	104.74	15.42	10.16	4.03	58.33	16.43	29.21	16.77	265.17	31.64	12.57	181.3	
20/10/2024 06:10	11.06	6.33	107.17	15.37	10.56	4.17	59.27	16.38	27.77	15.91	269.21	32.49	12.84	182.31	
20/10/2024 06:15	11.62	6.8	107.7	15.38	10.4	4.1	62.45	16.2	29.24	17.11	271.1	30.8	12.1	184.13	
20/10/2024 06:20	11.56	6.66	105.76	15.43	10.14	3.95	58.13	16.44	29.39	16.91	268.15	31.66	12.32	181.2	
20/10/2024 06:25	11.07	6.41	107.19	15.37	10.56	4.19	57.95	16.48	27.81	16.11	269.29	33.18	13.16	182.04	
20/10/2024 06:30	11.54	6.76	107.98	15.38	10.38	3.96	61.64	16.24	29.05	17.01	271.77	31.03	11.83	183.27	
20/10/2024 06:35	11.46	6.61	105.59	15.45	10.24	3.98	56.92	16.47	29.28	16.82	268.7	32.16	12.52	178.45	
20/10/2024 06:40	11.09	6.29	106.69	15.37	10.47	4.1	56.7	16.49	27.87	15.8	268.05	32.99	12.91	178.69	
20/10/2024 06:45	11.73	6.68	106.91	15.38	10.31	3.9	60.34	16.26	29.52	16.82	269.04	30.97	11.69	180.39	
20/10/2024 06:50	11.69	6.61	105.2	15.43	10.21	3.9	55.95	16.53	29.71	16.76	266.6	32.55	12.44	178.05	
20/10/2024 06:55	10.98	6.26	106.59	15.38	10.25	4.05	55.25	16.6	27.63	15.75	268.25	33.17	13.1	178.79	
20/10/2024 07:00	11.54	6.75	107.23	15.38	10.06	3.74	61.17	16.2	29.06	17	269.91	29.91	11.13	180.27	
20/10/2024 07:05	11.45	6.68	104.85	15.41	10.19	3.99	59.14	16.31	28.99	16.89	265.33	30.9	12.09	179.16	
20/10/2024 07:10	11.1	6.43	108.29	15.37	10.05	3.96	60								



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/10/2024 09:00	11.27	6.4	105.85	15.37	10.36	3.79	59.47	16.38	28.34	16.09	266.13	32.09	11.76	182.23	
20/10/2024 09:05	11.16	6.23	103.36	15.42	10.19	3.71	54.67	16.61	28.34	15.79	261.53	33.12	12.06	177	
20/10/2024 09:10	11.07	6.15	106.32	15.37	11.09	4.24	55.8	16.52	27.83	15.47	267.2	35.23	13.46	177.21	
20/10/2024 09:15	11.44	6.45	107.64	15.37	10.69	3.86	58.6	16.35	28.78	16.22	270.69	32.71	11.78	178.24	
20/10/2024 09:20	11.33	6.31	106.05	15.43	10.01	3.55	52.37	16.78	28.83	16	268.86	33.83	11.99	176.97	
20/10/2024 09:25	10.97	6.08	106.75	15.36	9.69	3.35	52.94	16.79	27.53	15.26	267.97	32.73	11.3	178.86	
20/10/2024 09:30	11.73	6.55	106.7	15.37	10.27	3.56	58.63	16.47	29.49	16.47	268.27	32.26	11.15	184.22	
20/10/2024 09:35	11.67	6.37	103.7	15.47	9.58	3.38	52.37	16.81	29.88	16.23	264.7	32.61	11.49	178.16	
20/10/2024 09:40	10.97	6.24	108.02	15.36	9.38	3.39	53.45	16.73	27.52	15.64	270.89	31.25	11.31	178.16	
20/10/2024 09:45	11.29	6.37	108.46	15.36	9.65	3.21	58.44	16.39	28.35	16	272.24	29.84	9.91	179.55	
20/10/2024 09:50	11.13	6.17	107.25	15.41	9.97	3.53	53.7	16.7	28.25	15.61	271.46	33.2	11.8	178.01	
20/10/2024 09:55	11.18	6.13	106.39	15.36	10.48	3.49	53.38	16.69	28.05	15.38	266.85	34.58	11.5	176.06	
20/10/2024 10:00	11.7	6.57	107.48	15.37	10.19	3.27	58.45	16.43	29.38	16.51	269.95	31.78	10.19	181.76	
20/10/2024 10:05	11.67	6.47	105.04	15.42	9.83	3.36	51.97	16.78	29.59	16.38	265.63	33.24	11.39	175.26	
20/10/2024 10:10	11.14	5.9	105.29	15.35	9.44	3.24	52.64	16.67	27.91	14.78	263.75	31.04	10.64	173.12	
20/10/2024 10:15	11.48	6.54	106.54	15.36	9.88	3.37	57.16	16.47	28.81	16.41	267.37	31.03	10.51	178.33	
20/10/2024 10:20	11.32	6.56	103.98	15.47	9.46	3.16	48.62	17.04	29.04	16.73	265.22	34.2	11.46	174.98	
20/10/2024 10:25	10.89	5.82	106.61	15.35	9.66	3.42	48.77	17.04	27.26	14.58	266.96	34.75	12.32	175.49	
20/10/2024 10:30	11.25	6.08	105.97	15.35	9.89	3.3	54.18	16.67	28.18	15.23	265.43	32.67	10.9	177.24	
20/10/2024 10:35	10.94	5.77	102.34	15.42	9.05	3.1	46.2	17.27	27.79	14.58	259.49	34.89	12.02	177.02	
20/10/2024 10:40	10.88	5.72	106.14	15.34	9.06	3.1	47.05	17.21	27.2	14.3	265.49	34.16	11.67	177.34	
20/10/2024 10:45	11.15	5.82	108.02	15.34	9.82	3.29	52.87	16.79	27.88	14.56	269.97	33.35	11.12	178.23	
20/10/2024 10:50	11.04	5.68	105.2	15.44	8.89	2.93	45.38	17.34	28.2	14.44	266.54	34.97	11.61	177.43	
20/10/2024 10:55	10.65	5.55	106.53	15.34	8.72	3.25	43.81	17.52	26.63	13.88	266.32	35.81	13.35	179.94	
20/10/2024 11:00	10.93	5.98	107.15	15.34	9.66	3.41	52.07	16.93	27.33	14.94	267.86	34.05	12	180.92	
20/10/2024 11:05	10.71	6.02	104.58	15.39	8.76	2.99	43.35	17.5	27.07	15.18	264.49	36.1	12.37	177.59	
20/10/2024 11:10	10.64	5.67	106.92	15.34	8.63	2.77	44.47	17.36	26.59	14.18	267.15	33.85	10.86	174.5	
20/10/2024 11:15	11.09	5.78	106.44	15.33	9.39	2.93	51.83	16.82	27.69	14.43	265.72	32.25	10.04	175.82	
20/10/2024 11:20	10.8	5.56	105.8	15.39	9.39	2.98	48.98	16.99	27.31	14	267.07	33.57	10.71	174.11	
20/10/2024 11:25	11.21	5.78	106.82	15.33	9.53	3.27	50.42	16.93	27.96	14.42	266.39	33.33	11.43	176.32	
20/10/2024 11:30	11.31	6.27	108.97	15.34	9.6	3.17	56.9	16.58	28.24	15.67	272.25	31.06	10.19	181.97	
20/10/2024 11:35	10.86	5.87	106.54	15.44	9.14	3.13	49.19	17.19	27.71	14.9	270.28	34.48	11.85	184.54	
20/10/2024 11:40	10.42	5.94	111.04	15.32	9.13	3.45	50.25	17.19	25.95	14.8	276.4	34.21	12.95	188.38	
20/10/2024 11:45	10.95	5.97	110.25	15.31	9.34	3.13	56.25	16.73	27.24	14.85	274.32	31.4	10.57	186.93	
20/10/2024 11:50	10.94	5.93	107.07	15.4	9.03	3	48.59	17.21	27.77	14.97	269.7	34.41	11.5	183.46	
20/10/2024 11:55	10.14	5.44	108.76	15.3	9.45	3.17	46.78	17.31	25.17	13.53	270.05	36.58	12.28	181.02	
20/10/2024 12:00	11.19	5.92	109.24	15.31	9.4	2.9	53.23	16.78	27.79	14.7	271.39	32.11	9.92	179.04	
20/10/2024 12:05	11.05	5.72	105.93	15.42	9.11	2.83	48.32	17.13	28.12	14.44	267.87	33.89	10.6	178.08	
20/10/2024 12:10	10.55	5.41	107.92	15.31	8.77	2.75	47.55	17.22	26.2	13.45	268.14	33.07	10.38	179.38	
20/10/2024 12:15	10.99	5.83	107.98	15.32	9.54	2.94	52.8	16.78	27.35	14.5	268.82	32.31	9.93	178.27	
20/10/2024 12:20	10.78	5.71	105.33	15.41	9.2	3.06	47.45	17.23	27.4	14.43	265.51	34.95	11.6	180	
20/10/2024 12:25	10.83	5.77	108.34	15.31	10.03	3.72	47.19	17.26	26.94	14.37	269.62	38.27	14.19	180.01	
20/10/2024 12:30	11.13	5.76	108.7	15.31	9.97	3.32	53.36	16.83	27.71	14.34	270.48	34.41	11.5	181.13	
20/10/2024 12:35	10.93	5.31	106.48	15.37	8.85	2.78	47.39	17.28	27.53	13.33	268.5	34.16	10.8	181.97	
20/10/2024 12:40	10.13	5.31	109.37	15.31	8.92	2.61	46.55	17.33	25.19	13.21	272.04	34.7	10.16	181.06	
20/10/2024 12:45	10.5	5.86	110.44	15.31	9.29	2.88	53.73	16.88	26.1	14.58	274.68	32.39	9.9	184.56	
20/10/2024 12:50	10.13	5.68	108.61	15.4	8.4	2.72	42.93	17.68	25.77	14.35	273.75	36.76	11.88	185.86	
20/10/2024 12:55	10.13	5.42	109.59	15.32	8.86	3.02	41	17.87	25.23	13.51	272.98	40.69	13.86	188.3	
20/10/2024 13:00	10.88	5.63	108.84	15.31	9.39	2.97	50	17.15	27.04	14	270.57	35.66	11.34	184.96	
20/10/2024 13:05	10.33	5.17	104.04	15.42	8.47	2.78	37.07	18.1	26.62	13.25	265.04	43.4	14.51	185.39	
20/10/2024 13:10	10.45	5.57	108.96	15.32	8.3	2.94	31.41	18.62	26.02	13.88	271.36	50.59	17.92	191.49	
20/10/2024 13:15	10.74	5.79	108.72	15.32	8.85	2.96	44.13	17.64	26.76	14.43	270.96	40.23	13.52	187.69	
20/10/2024 13:20	10.35	5.61	104.19	15.59	7.55	2.49	30.18	18.68	28.08	14.8	273.46	49.25	16.25	190.62	
20/10/2024 13:25	11.23	6	107.07	15.33	7.19	2.28	25.72	19.07	28.04	14.97	267.23	54.56	17.32	195.22	
20/10/2024 13:30	11.23	6	107.71	15.33	8.63	2.74	41.03	17.87	28.02	14.97	268.7	43.25	13.6	188.44	
20/10/2024 13:35	11.35	6.15	106.38	15.46	7.47	2.32	32.82	18.41	29.44	15.79	275.9	42.99	13.67	184.02	
20/10/2024 13:40	10.6	5.61	107.2	15.34	7.22	2.5	27.84	18.85	26.48	14.03	267.88	49.02	16.99	189.08	
20/10/2024 13:45	10.94	6.07	107.67	15.34	8.49	2.77	45.03	17.55	27.35	15.18	269.28	38.41	12.66	186.64	
20/10/2024 13:50	10.93	6.11	104.81	15.47	9.11	3.02	45.62	17.42	28.23	15.62	266.98	36.79	12.22	182.33	
20/10/2024 13:55	11.16	6.05	106.91	15.35	8.7	2.81	36.13	18.17	27.94	15.15	267.62	44.29	14.32	183.85	
20/10/2024 14:00	11.61	6.5	108.23	15.35	9.76	3.2	53.15	16.9	29.06	16.27	270.97	35.91	11.7	184.26	
20/10/2024 14:05	11.54	6.38	105.51	15.46	9.92	3.5	55.86	16.71	29.61	16.25	268.84	33.08	11.7	185.59	
20/10/2024 14:10	11.15	6.25	109.14	15.35	9.83	3.44	52.13	17.03	27.91	15.64	273.2	35.31	12.36	187.28	
20/10/2024 14:15	11.37	6.82	110.25	15.36	10.37	3.59	61.71	16.32	28.53	17.11	276.63	31.89	11.03	187.01	
20/10/2024 14:20	11.27	6.65	108.41	15.4	10.59	3.84	65.46	16.04	28.54	16.79	273.79	30.33	11	187.23	
20/10/2024 14:25	10.93	6.62	111.49	15.36	10.81	4.06	65.06	16.09	27.4	16.59	279.53	31.25	11.75	188.04	
20/10/2024 14:30	11.06	7.18	112.93	15.36	10.44	3.92	68	15.98	27.75	18.01	283.42	29.5	11.04	191.48	
20/10/2024 14:35	10.95	7.12	111.43	15.39	10.23	3.94	65.02	16.14	27.66	17.95	280.83	29.94	11.53	190.02	
20/10/2024 14:40	10.99	6.71	111.32	15.35	10.53	4.16	65.59	16.11	27.54	16.83	278.98	30.56	12.07	190.32	
20/10/2024 14:45	11.34	7.25	112.38	15.37	10.38	4.02	68.51	15.98	28.48	18.21	282.22	29.34	11.33	193.12	
20/10/2024 14:50	11.17	7.14	110.63	15.41	10.15	3.88	62.8	16.25	28.27	18.02	279.4	30.42	11.64	187.85	
20/10/2024 14:55	10.85	6.65	110.31	15.36	10.2	4.02	62.86	16.25	27.24	16.68	276.87	30.52	12.02		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/10/2024 16:45	11.66	7.39	111.27	15.38	10.33	4.09	60.63	16.42	29.33	18.6	280.01	32.25	12.75	187.32	
20/10/2024 16:50	11.62	7.35	109.92	15.42	9.82	3.81	55.26	16.73	29.54	18.61	278.79	32.8	12.75	184.14	
20/10/2024 16:55	10.82	6.75	110.94	15.37	10.34	3.97	54.53	16.76	27.18	16.96	278.76	34.72	13.33	183.06	
20/10/2024 17:00	11.37	7.29	111.62	15.38	10.38	3.83	58.61	16.4	28.61	18.35	280.84	32.22	11.85	180.51	
20/10/2024 17:05	11.27	7.18	109.4	15.44	10.27	3.52	50.49	16.76	28.73	18.21	277.39	34.59	11.86	169.67	
20/10/2024 17:10	10.85	6.78	111.29	15.37	10.83	3.56	49.98	16.77	27.28	17.06	279.73	36.47	12.01	168.37	
20/10/2024 17:15	11.54	7.32	111.68	15.38	10.75	3.47	54.9	16.43	29.07	18.44	281.36	33.6	10.81	170.21	
20/10/2024 17:20	11.54	7.25	108.28	15.43	10.18	3.45	50.1	16.79	29.37	18.39	275.04	34.56	11.77	169.53	
20/10/2024 17:25	10.73	6.69	110.7	15.37	10.27	3.53	49.39	16.85	26.98	16.82	278.41	35.22	12.12	169.45	
20/10/2024 17:30	11.39	7.22	109.77	15.38	10.99	3.78	61.74	16.04	28.69	18.18	276.37	31.85	10.96	175.73	
20/10/2024 17:35	11.44	7.16	107.86	15.38	11.71	4.32	70.14	15.44	28.82	18.02	271.56	29.8	10.99	178.56	
20/10/2024 17:40	10.78	6.68	110.29	15.36	12.09	4.86	70.11	15.43	27.05	16.76	276.72	30.71	12.35	178.05	
20/10/2024 17:45	11.25	7.15	110.67	15.37	11.54	4.55	72.07	15.46	28.28	17.99	278.26	29.46	11.6	183.95	
20/10/2024 17:50	11.35	6.98	108.79	15.38	11.23	4.19	69.6	15.53	28.59	17.57	273.94	29.07	10.84	180.19	
20/10/2024 17:55	10.69	6.76	111.12	15.36	11.36	4.14	69.67	15.52	26.82	16.95	278.8	29.37	10.71	180.12	
20/10/2024 18:00	11.29	7.39	111.77	15.37	10.83	4.05	70.59	15.61	28.4	18.58	281.14	28.46	10.62	185.43	
20/10/2024 18:05	11.34	7.34	110.52	15.39	10.68	4.2	66.61	15.85	28.61	18.48	278.5	29.4	11.58	183.33	
20/10/2024 18:10	10.66	6.72	110.86	15.36	10.95	4.33	67.42	15.81	26.75	16.88	278.34	29.92	11.83	184.15	
20/10/2024 18:15	11.24	7.16	110.95	15.37	10.53	4.06	69.74	15.77	28.28	18.01	279.08	28.56	10.98	188.64	
20/10/2024 18:20	11.29	7.04	108.83	15.4	10.56	3.99	64.11	15.98	28.56	17.77	274.95	29.88	11.28	181.17	
20/10/2024 18:25	10.81	6.77	110.37	15.37	11.33	4.27	64.53	15.94	27.16	17	277.26	31.77	11.97	180.98	
20/10/2024 18:30	11.21	7.19	111.06	15.38	10.92	4.15	67.25	15.85	28.22	18.09	279.45	30.09	11.42	184.81	
20/10/2024 18:35	11.22	7.15	108.85	15.4	10.36	3.95	64.45	16	28.34	18.03	274.94	29.42	11.23	182.88	
20/10/2024 18:40	10.55	6.72	111.23	15.36	10.45	4.21	65.2	15.96	26.45	16.87	278.94	29.39	11.82	183.33	
20/10/2024 18:45	11.11	7.28	112.29	15.37	10.52	4.15	67.4	15.85	27.91	18.28	282.06	28.96	11.4	185.22	
20/10/2024 18:50	11.05	7.16	110.84	15.39	10.6	4.09	64.52	15.99	27.91	18.05	279.42	30.04	11.6	182.79	
20/10/2024 18:55	10.67	6.69	110.66	15.36	10.66	4.3	65.06	15.97	26.74	16.78	277.42	30.04	12.12	183.4	
20/10/2024 19:00	11.18	7.22	111.3	15.37	10.51	4.15	68.1	15.86	28.1	18.16	279.79	28.99	11.42	187.33	
20/10/2024 19:05	11.23	7.05	109.33	15.41	10.65	4.07	64.43	16.02	28.44	17.8	276.38	30.36	11.59	183.53	
20/10/2024 19:10	10.61	6.79	111.56	15.36	11	4.39	65.53	15.96	26.63	17.06	280.02	30.95	12.36	184.37	
20/10/2024 19:15	11.27	7.49	112.11	15.37	10.74	4.17	67.17	15.85	28.35	18.84	282.04	29.59	11.46	184.7	
20/10/2024 19:20	11.43	7.51	110.16	15.41	10.81	4.29	64.54	16.01	28.93	18.99	278.38	30.77	12.21	183.62	
20/10/2024 19:25	10.55	6.78	112.63	15.37	11.56	4.88	65.2	16.02	26.52	17.04	282.94	32.9	13.88	185.56	
20/10/2024 19:30	10.98	7.33	113.78	15.37	10.81	4.32	67.75	15.9	27.6	18.43	286.14	30.12	12.02	188.08	
20/10/2024 19:35	10.93	7.2	111.93	15.42	10.5	4.15	63.1	16.14	27.75	18.21	283.35	30.7	12.14	184.25	
20/10/2024 19:40	11.93	6	102.14	15.32	11.19	4.38	63.36	16.09	29.73	14.94	254.5	32.33	12.65	183.12	
20/10/2024 19:45	12.48	6.52	102.86	15.33	10.53	3.91	66.25	15.94	31.16	16.28	256.81	29.56	10.96	185.33	
20/10/2024 19:50	12.37	6.45	101.44	15.37	10.5	4.03	63.39	16.11	31.11	16.19	254.83	30.51	11.72	183.92	
20/10/2024 19:55	11.92	5.91	102.42	15.32	10.58	4.25	64.47	16.09	29.71	14.74	255.25	30.57	12.29	186.33	
20/10/2024 20:00	12.39	6.47	103.38	15.33	10.63	4.08	66.37	15.96	30.91	16.15	257.92	29.92	11.46	186.54	
20/10/2024 20:05	12.43	6.43	101.93	15.36	10.41	4.13	63.01	16.17	31.16	16.09	255.25	30.58	12.15	185.03	
20/10/2024 20:10	10.42	6.58	111.22	15.36	10.27	4.3	63.5	16.14	26.16	16.52	279.16	30	12.56	185.58	
20/10/2024 20:15	10.95	7.13	111.48	15.37	10.3	4.06	66.45	15.96	27.53	17.93	280.29	29.01	11.44	186.68	
20/10/2024 20:20	10.94	6.99	109.55	15.41	10.5	4.08	62.73	16.15	27.72	17.67	276.84	30.75	11.94	183.42	
20/10/2024 20:25	10.69	6.65	110.35	15.37	10.86	4.25	61.67	16.2	26.87	16.72	277.3	32.12	12.58	182.39	
20/10/2024 20:30	11.16	7.18	110.96	15.37	10.65	4.18	65.97	15.98	28.07	18.06	279	30.15	11.8	185.96	
20/10/2024 20:35	11.17	7.13	109.69	15.4	10.32	4.02	62.18	16.16	28.23	17.99	276.93	30.28	11.79	182.38	
20/10/2024 20:40	10.56	6.57	110.23	15.36	10.5	4.27	63.09	16.12	26.5	16.5	276.68	30.55	12.42	183.55	
20/10/2024 20:45	10.93	7.04	110.86	15.37	10.35	4.03	66.67	15.93	27.47	17.69	278.59	29.02	11.29	186.22	
20/10/2024 20:50	10.73	6.91	109.7	15.39	10.63	4.18	65.45	15.96	27.07	17.43	276.48	29.96	11.79	184.32	
20/10/2024 20:55	10.57	6.58	110.32	15.35	10.58	4.3	65.84	15.92	26.49	16.49	276.54	29.55	12.01	183.91	
20/10/2024 21:00	10.89	7.11	111.24	15.37	10.28	3.96	68.87	15.78	27.35	17.86	279.39	27.94	10.76	186.64	
20/10/2024 21:05	10.92	7.03	109.39	15.39	10.59	4.1	66.96	15.84	27.54	17.7	275.62	29.07	11.27	183.85	
20/10/2024 21:10	10.59	6.71	110.55	15.36	10.7	4.38	68.22	15.79	26.57	16.82	277.26	29.09	11.9	185.42	
20/10/2024 21:15	10.68	6.95	110.85	15.37	10.32	3.98	68.32	15.76	26.83	17.46	278.45	27.92	10.75	184.69	
20/10/2024 21:20	10.69	6.91	109.31	15.39	10.5	4.1	66.06	15.91	26.95	17.41	275.35	29.28	11.45	184.16	
20/10/2024 21:25	10.55	6.63	110.12	15.36	10.92	4.27	66.88	15.86	26.44	16.62	276.06	30.12	11.77	184.41	
20/10/2024 21:30	11.17	7.11	110.52	15.37	10.68	4.09	68.78	15.76	28.06	17.85	277.64	28.9	11.04	185.78	
20/10/2024 21:35	11.33	6.96	107.2	15.4	10.81	4.17	65.19	15.87	28.64	17.58	270.53	29.88	11.54	180.05	
20/10/2024 21:40	10.71	6.5	109.04	15.36	11	4.41	65.7	15.8	26.85	16.31	273.44	29.95	12	178.91	
20/10/2024 21:45	11.19	6.97	109.34	15.37	10.74	4.16	68.7	15.74	28.12	17.51	274.75	28.93	11.19	184.67	
20/10/2024 21:50	11.21	6.82	107.61	15.39	10.65	4.14	66.18	15.86	28.31	17.2	271.34	29.41	11.42	182.57	
20/10/2024 21:55	10.56	6.56	109.69	15.36	10.94	4.36	66.63	15.83	26.51	16.46	275.22	29.97	11.95	182.54	
20/10/2024 22:00	11.03	7.06	110.05	15.37	10.87	4.24	68	15.76	27.75	17.77	276.84	29.41	11.46	183.66	
20/10/2024 22:05	11.08	6.93	108.3	15.41	10.7	3.94	64.36	15.89	28.06	17.5	273.66	29.72	10.96	178.65	
20/10/2024 22:10	10.66	6.5	108.69	15.36	11.44	4.27	65.17	15.83	26.75	16.31	272.63	31.36	11.7	178.72	
20/10/2024 22:15	11.22	7.01	108.83	15.37	11.03	4.14	67.39	15.79	28.19	17.6	273.35	30.05	11.25	183.14	
20/10/2024 22:20	11.22	6.89	106.63	15.41	10.55	4.09	63.44	16.05	28.41	17.41	269.46	30.22	11.71	181.64	
20/10/2024 22:25	10.59	6.65	109.75	15.36	10.8	4.25	63.36	16.06	26.6	16.69	275.56	31	12.21	181.94	
20/10/2024 22:30	10.95	6.99	110.44	15.37	10.39	4	66.81	15.89	27.52	17.56	277.58	28.91	11.11	185.11	
20/10/2024 22:35	10.93	6.95	108.72	15.38	10.56	4.18	64.83	15.99	27.52	17.49	273.78	29.9	11.84	183.44	
20/10/2024 22:40	10.41	6.65	111	15.36	10.91	4.5									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/10/2024 00:30	11.34	7.03	109.41	15.37	9.96	3.9	62.87	16.23	28.51	17.68	275.03	29.62	11.51	186.51	
21/10/2024 00:35	11.38	6.91	107.93	15.41	9.74	3.83	56.36	16.61	28.84	17.47	273.07	31.63	12.44	182.69	
21/10/2024 00:40	10.69	6.56	109.35	15.37	10.34	4.16	57.72	16.51	26.85	16.48	274.64	32.72	13.16	182.6	
21/10/2024 00:45	11.33	6.98	109.51	15.37	9.88	3.87	57.67	16.54	28.5	17.56	275.38	31.52	12.28	183.79	
21/10/2024 00:50	11.25	6.83	106.61	15.5	8.64	3.62	46.3	17.48	29.05	17.53	273.6	35.41	14.86	188.23	
21/10/2024 00:55	10.59	6.6	109.77	15.37	8.94	3.81	48.25	17.36	26.64	16.6	276.16	35.07	14.97	189.34	
21/10/2024 01:00	11.16	6.98	109.89	15.37	9.24	3.81	53.72	16.98	28.08	17.57	276.44	32.98	13.57	189.36	
21/10/2024 01:05	11.09	6.91	108.08	15.46	8.38	3.52	41.92	17.81	28.5	17.66	276.15	38.43	16.28	189.19	
21/10/2024 01:10	10.62	6.66	109.5	15.38	8.52	3.8	41.41	17.85	26.71	16.77	275.6	38.77	17.29	188.51	
21/10/2024 01:15	11.4	7	109.28	15.37	9.25	3.83	48.56	17.27	28.65	17.59	274.63	35.85	14.9	185.58	
21/10/2024 01:20	11.29	6.86	106.38	15.5	7.99	3.4	39.34	17.98	29.17	17.63	272.78	38.91	16.7	188.12	
21/10/2024 01:25	10.51	6.41	108.15	15.37	8.19	3.49	41.08	17.81	26.42	16.12	271.74	36.84	15.69	184.84	
21/10/2024 01:30	11.14	6.81	108.57	15.37	8.92	3.61	50.57	17.13	27.99	17.12	272.71	33.41	13.53	185.49	
21/10/2024 01:35	11	6.63	104.76	15.43	8.55	3.59	41.8	17.75	28.03	16.85	266.76	38.35	16.17	185.26	
21/10/2024 01:40	10.56	6.49	108.54	15.38	8.47	3.64	42.78	17.66	26.58	16.34	273.27	36.34	15.63	183.59	
21/10/2024 01:45	11.08	6.91	109.1	15.38	9.1	3.72	50.49	17.15	27.89	17.38	274.54	33.99	13.88	185.71	
21/10/2024 01:50	10.95	6.83	107.01	15.45	8.18	3.44	40.81	17.85	28.08	17.42	272.19	37.92	16.07	186.47	
21/10/2024 01:55	10.72	6.54	108.5	15.39	8.67	3.77	43.88	17.68	27.01	16.5	273.48	37.47	16.28	189.56	
21/10/2024 02:00	11.39	7.05	108.13	15.38	9.28	3.74	51.36	17.08	28.68	17.75	272.23	34.17	13.82	186.12	
21/10/2024 02:05	11.28	6.97	105.46	15.49	8.49	3.55	41.33	17.8	29.13	17.91	270.25	38.56	16.23	185.68	
21/10/2024 02:10	10.75	6.52	108.85	15.37	8.59	3.77	42.3	17.79	27.02	16.39	273.55	38.44	16.85	189.18	
21/10/2024 02:15	11.21	6.93	108.92	15.37	9.09	3.74	49.77	17.23	28.2	17.44	274.01	34.94	14.4	187.97	
21/10/2024 02:20	11	6.69	105.87	15.52	8.35	3.56	41.85	17.8	28.73	17.27	272.68	38.06	16.29	188.53	
21/10/2024 02:25	10.81	6.54	108.17	15.37	8.8	3.83	43.48	17.66	27.19	16.45	272.07	37.7	16.41	186.34	
21/10/2024 02:30	11.04	6.91	108.9	15.37	8.81	3.55	51.67	17.11	27.76	17.37	273.72	32.81	13.25	188.04	
21/10/2024 02:35	10.8	6.77	106.35	15.49	8.01	3.39	40.18	17.94	27.86	17.39	271.88	38.49	16.39	189.43	
21/10/2024 02:40	10.75	6.49	108.25	15.37	7.91	3.67	41.22	17.93	27	16.31	272.01	37.04	17.21	193.09	
21/10/2024 02:45	11.33	6.86	107.79	15.37	8.73	3.63	48.83	17.31	28.48	17.25	270.93	34.23	14.38	188.51	
21/10/2024 02:50	11.2	6.71	105.1	15.49	8.23	3.47	39.6	17.94	28.88	17.22	268.9	39.42	16.76	186.92	
21/10/2024 02:55	10.77	6.33	107.27	15.37	8.59	3.74	41.67	17.78	27.07	15.92	269.66	38.28	16.64	185.64	
21/10/2024 03:00	11.2	6.8	107.49	15.37	9.14	3.76	50.22	17.16	28.17	17.1	270.25	34.56	14.21	185.61	
21/10/2024 03:05	10.98	6.66	104.87	15.49	8.19	3.42	38.66	18	28.35	17.12	268.17	39.8	16.71	185.64	
21/10/2024 03:10	10.82	6.47	108.05	15.37	8.06	3.61	38.63	18.01	27.21	16.27	271.62	38.79	17.37	185.83	
21/10/2024 03:15	11.39	6.9	107.72	15.37	8.89	3.73	47.93	17.34	28.64	17.34	270.84	35.33	14.82	185.87	
21/10/2024 03:20	11.29	6.75	104.6	15.5	8.06	3.35	37.3	18.12	29.22	17.39	267.92	41	17.12	187.13	
21/10/2024 03:25	10.8	6.42	107.96	15.37	8.22	3.58	37.73	18.08	27.16	16.15	271.47	40.48	17.63	185.87	
21/10/2024 03:30	11.32	6.86	108.23	15.37	8.58	3.46	47.06	17.42	28.47	17.25	272.24	35.19	14.26	186.82	
21/10/2024 03:35	11.15	6.67	105.27	15.51	7.71	3.28	35.95	18.27	28.94	17.23	270.57	42.07	18.07	191.43	
21/10/2024 03:40	10.57	6.54	108.62	15.38	7.61	3.42	35.89	18.31	26.61	16.49	273.56	40.8	18.36	192.46	
21/10/2024 03:45	11.16	6.96	110.21	15.37	8.24	3.43	44.46	17.67	28.07	17.5	277.19	36.22	15.08	190.07	
21/10/2024 03:50	11	6.82	109.66	15.49	7.18	3.26	29.32	18.86	28.76	17.65	287.63	51.38	23.6	202.79	
21/10/2024 03:55	10.57	6.41	107.95	15.38	6.98	3.31	29.16	18.93	26.61	16.14	271.84	49.31	23.4	205.85	
21/10/2024 04:00	11.5	6.93	108.17	15.37	7.78	3.4	38.4	18.22	28.92	17.44	272.08	42.14	18.54	198.56	
21/10/2024 04:05	11.23	6.71	104.08	15.7	6.63	2.92	18.23	19.74	35.02	20.21	294.47	103.95	46.13	236.51	
21/10/2024 04:10	10.81	6.35	106.67	15.39	6.31	2.88	11.59	20.33	27.25	16.03	268.97	154.7	70.49	284.13	
21/10/2024 04:15	11.23	6.75	106.97	15.37	7.3	3.13	28.24	19	28.22	16.97	268.9	89.1	39.28	230.96	
21/10/2024 04:20	10.87	6.58	102.85	15.69	6.54	2.74	12.47	20.2	38.62	21.45	289.13	177.31	74.12	281.98	
21/10/2024 04:25	10.76	6.23	105.4	15.39	6.67	2.64	8.05	20.59	27.13	15.76	266.07	296.76	117.51	357.92	
21/10/2024 04:30	11.35	6.7	106.41	15.38	7.53	2.99	28.77	18.94	28.57	16.87	267.76	147.72	58.32	260.91	
21/10/2024 04:35	11.17	6.6	102.42	15.47	6.63	2.86	19.65	19.59	28.64	16.99	264.6	81.69	35.54	216.38	
21/10/2024 04:40	11.08	6.27	104.23	15.39	6.55	2.81	13.14	20.14	27.93	15.81	262.75	120.33	51.72	241.53	
21/10/2024 04:45	11.73	6.58	104.01	15.37	7.44	3.01	27.48	19	29.5	16.56	261.62	76.45	31.71	211.93	
21/10/2024 04:50	11.36	6.37	99.89	15.67	6.63	2.66	11.11	20.3	56.06	27.13	286.62	335.6	134.7	386.12	
21/10/2024 04:55	11.1	6.23	104.56	15.39	6.56	2.69	6.03	20.78	28.02	15.74	263.91	738.98	302.78	679.16	
21/10/2024 05:00	11.59	6.75	106.4	15.38	6.71	2.74	14.71	20.1	29.21	17.01	268.12	357.12	145.35	409.79	
21/10/2024 05:05	11.4	6.61	104.21	15.59	6.95	2.44	1.81	21.12	28.1	16.44	259.55	11.31	4.51	22.61	
21/10/2024 05:10	10.79	6.39	107.21	15.42	7.45	2.53	0.39	21.26	27.33	16.21	271.82	0	0	0	
21/10/2024 05:15	11.54	6.79	107.61	15.38	7.4	2.54	4.41	21	29.07	17.11	271.1	7.04	2.98	15.49	
21/10/2024 05:20	11.29	6.66	103.81	15.62	6.96	2.49	0.58	21.26	28.04	16.75	263.97	0	0	0	
21/10/2024 05:25	10.91	6.45	107.77	15.39	7.16	2.6	0.64	21.26	27.52	16.28	271.96	0	0	0	
21/10/2024 05:30	11.64	6.88	108.07	15.38	7.38	2.59	4.51	21	29.3	17.33	272.14	207.97	70.83	107.82	
21/10/2024 05:35	11.41	6.67	103.71	15.71	7.07	2.45	0.61	21.26	29.13	17.3	275	0	0	0	
21/10/2024 05:40	10.91	6.39	107.22	15.4	7.31	2.53	0.69	21.26	27.55	16.17	270.9	0	0	0	
21/10/2024 05:45	11.56	6.96	108.18	15.39	7.2	2.63	7.68	20.72	29.15	17.54	272.77	358.14	123.48	310.24	
21/10/2024 05:50	11.16	6.85	104.26	15.63	6.9	2.46	1.27	21.19	27.81	17.26	265.95	34.8	13.41	37.66	
21/10/2024 05:55	10.96	6.46	107.43	15.39	7.25	2.53	0.41	21.26	27.64	16.31	271.05	0	0	0	
21/10/2024 06:00	11.35	6.81	108.18	15.38	7.84	3.04	24.31	19.37	28.6	17.17	272.6	19.68	8.03	103.26	
21/10/2024 06:05	10.95	6.64	105.28	15.54	7.26	3.24	27.56	18.98	28.9	17.41	271.86	55.4	24.96	202.1	
21/10/2024 06:10	11.02	6.37	107.01	15.38	7.17	3.27	27.67	18.99	27.75	16.05	269.44	52.13	23.75	201.12	
21/10/2024 06:15	11.55	6.89	108.15	15.38	8.43	3.56	42.74	17.86	29.06	17.35	272.11	41.69	17.85	195.74	
21/10/2024 06:20	11.46	6.85	106.9	15.48	7.95	3.42	35.95	18.31	29.64	17.59	275.97	43.51	18.85	193.49	
21/10/2024 06:25	11.1	6.36	106.17	15.38	7.91	3.42	35.48	18.3	27.96	16.04	267.49	42.19	18.27	189.36	
21/10/2024 06:30	11.49	6.85	106.98	15.38	8.58	3.55									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/10/2024 08:15	11.4	6.72	108.13	15.39	7.67	2.61	4.33	21.01	28.76	16.96	272.81	7.02	2.97	14.98	
21/10/2024 08:20	11.32	6.57	105.7	15.6	7.26	2.49	0.76	21.26	27.9	16.35	263.62	0	0	0	
21/10/2024 08:25	10.44	5.97	97.9	15.86	7.44	2.6	0.92	21.26	28.83	16.52	270.43	0	0	0	
21/10/2024 08:30	11.24	6.45	103.24	15.58	7.9	2.84	4.86	21	29.4	16.87	269.98	74.94	27.26	68.98	
21/10/2024 08:35	11.27	6.3	102.11	15.7	7.37	2.54	1.4	21.19	28.33	16	259.41	46.86	17.63	43.94	
21/10/2024 08:40	11.03	6.37	107.22	15.41	7.5	2.63	0.7	21.26	27.9	16.15	271.4	0	0	0	
21/10/2024 08:45	11.13	6.52	107.17	15.38	8.37	3.31	4.9	20.98	28.01	16.42	269.73	237.41	104.5	139.31	
21/10/2024 08:50	11.02	6.45	102.4	15.65	8.27	3.21	0.82	21.26	27.46	16.3	260.99	0	0	0	
21/10/2024 08:55	9.47	5.44	82	16.75	8.23	3.03	0.59	21.26	31.85	18.37	274.86	0	0	0	
21/10/2024 09:00	9.08	5.45	69.42	17.43	9.58	4.59	4.02	21.01	36.41	21.86	278.16	2.73	1.47	13.99	
21/10/2024 09:05	9.1	5.56	65.83	17.57	10.11	5.16	0.98	21.29	52.86	31.61	343.74	0	0	0	
21/10/2024 09:10	10.9	6.23	105.2	15.43	10.16	5.49	1.02	21.29	27.75	15.91	267.7	0	0	0	
21/10/2024 09:15	11.36	6.42	105.21	15.43	11.9	7.74	5.41	21	28.85	16.32	267.26	4.57	2.32	14.29	
21/10/2024 09:20	11.4	6.7	99.82	15.8	13.9	10.2	1.5	21.33	26.68	15.28	250.55	0	0	0	
21/10/2024 09:25	8.1	4.13	29.37	19.6	14.28	10.57	1.33	21.34	47.42	26.2	206.04	0	0	0	
21/10/2024 09:30	8.52	3.11	0.24	21.27	14.56	12.13	4.48	21.12	0	0	0	22.01	20.53	32.76	
21/10/2024 09:35	9.05	3.32	6.21	20.87	13.03	5.23	66.52	15.79	2.34	1.02	15.45	35.69	14.45	181.29	
21/10/2024 09:40	10.96	5.86	105.09	15.36	12.72	4.64	67.03	15.6	27.54	14.72	263.92	33.33	12.17	175.64	
21/10/2024 09:45	11.12	6.23	105.92	15.37	11.94	4.26	66.11	15.76	27.93	15.65	266.16	32.28	11.48	178.44	
21/10/2024 09:50	10.76	5.99	104.33	15.38	11.36	3.96	61.37	16.05	27.12	15.08	262.7	32.56	11.35	175.84	
21/10/2024 09:55	11.19	6.28	105.99	15.36	11.83	4.21	63.05	15.91	28.08	15.75	265.86	32.95	11.72	175.65	
21/10/2024 10:00	10.94	5.98	105.57	15.36	11.64	4.09	65.1	15.83	27.42	14.98	264.64	31.95	11.2	178.19	
21/10/2024 10:05	10.68	5.68	103.81	15.38	10.98	3.64	62.01	15.98	26.92	14.28	261.29	31.05	10.31	175.18	
21/10/2024 10:10	10.9	5.88	105.75	15.34	10.66	3.53	62.38	15.96	27.26	14.7	264.4	30	9.95	175.6	
21/10/2024 10:15	11.48	6.72	106.1	15.35	10.94	3.78	64.11	15.92	28.74	16.83	265.62	30.56	10.5	178.58	
21/10/2024 10:20	11.73	6.98	103.14	15.43	10.54	3.57	55.85	16.48	29.9	17.68	263.01	33.37	11.31	175.65	
21/10/2024 10:25	11.05	6.1	105.89	15.34	8.81	3.2	42.19	17.67	27.64	15.28	264.89	37.87	13.77	181.3	
21/10/2024 10:30	10.94	6.17	106.33	15.34	10.11	3.47	55.86	16.6	27.33	15.43	265.66	33.52	11.58	180.33	
21/10/2024 10:35	10.69	6.1	105.19	15.36	11.18	3.76	61.35	16.03	26.85	15.28	263.5	31.9	10.74	175.1	
21/10/2024 10:40	10.57	5.49	105.8	15.33	11.56	4.52	61.97	16.03	26.38	13.7	263.93	32.99	12.89	176.8	
21/10/2024 10:45	11.78	6.85	106.77	15.34	11.39	4.18	64.31	15.91	29.46	17.14	267.04	31.76	11.63	178.78	
21/10/2024 10:50	11.88	6.85	105.23	15.37	11.22	3.79	60.81	16.1	29.86	17.2	264.07	32.48	10.95	175.99	
21/10/2024 10:55	11.11	5.97	105.36	15.33	12.16	4.27	62.56	16.05	27.75	14.9	263.02	34.87	12.24	179.48	
21/10/2024 11:00	11.43	5.99	105.18	15.33	11.39	3.84	64.62	15.94	28.51	14.94	262.43	31.99	10.75	180.51	
21/10/2024 11:05	11.53	5.78	104.27	15.36	10.99	3.57	57.62	16.24	28.95	14.48	261.46	32.8	10.67	171.99	
21/10/2024 11:10	11.29	5.87	103.83	15.32	11.78	4.25	57.33	16.29	28.12	14.64	258.68	35.52	12.82	172.82	
21/10/2024 11:15	11.96	6.49	105.09	15.32	11.67	4.07	61.03	16.08	29.81	16.17	261.84	33.75	11.75	175.61	
21/10/2024 11:20	12.34	6.59	102.8	15.39	10.41	3.32	57.42	16.29	31.13	16.55	258.64	31.4	10.03	173.04	
21/10/2024 11:25	10.96	5.91	106.09	15.32	11.17	3.58	56.98	16.32	27.3	14.71	264.21	33.92	10.87	173.01	
21/10/2024 11:30	11.01	5.81	106.73	15.32	11.02	3.55	61.01	16.1	27.4	14.45	265.68	32.04	10.29	176.32	
21/10/2024 11:35	10.59	5.27	104.9	15.36	10.49	3.41	58.39	16.27	26.61	13.23	262.75	31.57	10.3	175.39	
21/10/2024 11:40	11.07	5.99	106.37	15.32	10.19	3.6	58.14	16.28	27.59	14.93	265.06	30.67	10.82	175.03	
21/10/2024 11:45	11.07	5.97	107.02	15.32	10.82	3.72	66.26	15.88	27.61	14.89	266.79	30.04	10.32	183.72	
21/10/2024 11:50	11.26	6.08	105.15	15.33	11.28	3.66	66.45	15.65	28.14	15.17	262.56	29.9	9.71	176.1	
21/10/2024 11:55	10.27	5.42	107.06	15.31	11.86	3.99	67.36	15.63	25.56	13.48	266.39	31.3	10.52	177.76	
21/10/2024 12:00	10.66	5.86	107.56	15.33	11.26	3.68	67.98	15.67	26.6	14.62	268.44	29.9	9.75	180.32	
21/10/2024 12:05	10.06	5.32	105.32	15.36	10.81	3.43	63.45	15.93	25.28	13.33	264	30.29	9.63	177.55	
21/10/2024 12:10	10.11	5.43	107.48	15.32	10.78	3.27	64.06	15.94	25.18	13.54	267.77	30.19	9.15	179.38	
21/10/2024 12:15	10.54	5.98	108.64	15.32	10.57	3.48	64.16	16.04	26.28	14.91	270.87	30.28	9.95	183.11	
21/10/2024 12:20	10.21	5.74	106.54	15.37	9.77	3.22	55.59	16.63	25.72	14.42	267.34	31.86	10.55	180.98	
21/10/2024 12:25	10.71	5.84	107.81	15.32	9.84	3.31	56.63	16.55	26.69	14.56	268.78	31.47	10.59	181	
21/10/2024 12:30	11.28	6.29	107.32	15.33	10.29	3.45	59.89	16.34	28.17	15.71	267.98	31.39	10.48	181.91	
21/10/2024 12:35	11.68	6.51	105.55	15.39	9.66	3.11	52.34	16.85	29.52	16.38	265.48	33.22	10.7	179.79	
21/10/2024 12:40	10.78	5.84	107.33	15.33	9.86	3.42	52.23	16.91	26.93	14.59	268.06	34.36	11.93	182.01	
21/10/2024 12:45	11.24	6.09	107.43	15.33	10.09	3.52	56.99	16.63	28.06	15.2	268.17	32.95	11.44	184.52	
21/10/2024 12:50	10.95	5.73	105.4	15.39	9.22	3.13	48.77	17.21	27.67	14.4	265.04	34.84	11.87	183.91	
21/10/2024 12:55	10.39	5.55	107.94	15.34	9.17	2.83	50.41	17.08	25.97	13.89	270.01	33.34	10.29	183.25	
21/10/2024 13:00	11.08	6.16	108.45	15.33	9.81	3.22	56.25	16.69	27.65	15.37	270.58	32.45	10.55	184.6	
21/10/2024 13:05	10.98	6.05	106.29	15.39	9.01	2.84	48.93	17.14	27.79	15.23	267.23	33.45	10.55	181.05	
21/10/2024 13:10	10.7	5.52	105.77	15.34	9.08	3.14	48.89	17.15	26.73	13.8	264.4	33.69	11.66	181.45	
21/10/2024 13:15	11.23	6	106.6	15.33	9.64	3.23	54.81	16.77	28.01	14.96	265.91	32.55	10.86	183.32	
21/10/2024 13:20	10.84	5.84	103.44	15.49	8.46	2.76	40.59	17.8	28.15	15.03	264.66	38.56	12.53	182.49	
21/10/2024 13:25	10.58	5.5	106.18	15.33	8.3	3.13	36.17	18.21	26.43	13.73	265.14	42.81	16.13	186.65	
21/10/2024 13:30	11.32	5.85	106.35	15.33	9.23	3.1	47.38	17.33	28.25	14.59	265.38	37.07	12.65	183.98	
21/10/2024 13:35	11.33	5.77	102.7	15.43	8.25	2.83	38.42	18.02	29.08	14.75	263.06	40.48	13.97	186.11	
21/10/2024 13:40	10.56	5.83	107.52	15.38	8.58	3.52	34.41	18.38	26.59	14.69	270.83	47.25	19.38	189.52	
21/10/2024 13:45	11.19	6.26	107.66	15.37	9.34	3.31	47.81	17.32	28.13	15.75	270.69	38.47	14.06	185.73	
21/10/2024 13:50	10.84	5.93	103.81	15.58	8	2.51	35.35	18.24	28.84	15.44	272.14	44.73	14.18	187.64	
21/10/2024 13:55	10.47	5.57	106.88	15.36	6.84	1.67	27.66	18.9	26.25	13.97	267.94	47.6	11.63	192.36	
21/10/2024 14:00	11.2	5.86	106.77	15.33	7.26	1.94	30.76	18.71	27.97	14.64	266.61	47.07	12.03	191.03	
21/10/2024 14:05	10.81	5.57	102.34	15.67	6.95	1.44	3.34	20.91	27.77	14.45	274	21.92	4.34	35.87	
21/10/2024 14:10	10.58	5.49	106.9	15.32	7.23	1.45	0.63	21.17	26.37	13.7	266.49	0	0	0	
21/10/2024 14:15	10.92	5.82	106.47	15.31	7.29	1.84	11.86	20.28	27.16	14.48	264.76	43.13	11.6		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/10/2024 16:00	11.09	6.04	107.54	15.33	7.71	2.61	30.51	18.73	27.68	15.07	268.53	69.78	22.92	203.97	
21/10/2024 16:05	10.81	5.81	104.87	15.5	7.64	2.54	30.77	18.66	28.04	14.91	269.48	537.48	130.95	409.13	
21/10/2024 16:10	10.12	5.74	108.6	15.34	7.14	2.31	34.8	18.32	25.3	14.35	271.55	38.52	12.48	187.72	
21/10/2024 16:15	10.74	6.09	107.8	15.34	9.19	3	53.41	16.87	26.85	15.23	269.47	33.42	10.87	185.08	
21/10/2024 16:20	10.73	5.96	105.5	15.35	11.03	3.51	65.98	15.7	26.91	14.92	264.29	29.5	9.4	176.29	
21/10/2024 16:25	10.56	6.11	109.35	15.33	11.69	4.11	64.97	15.8	26.38	15.26	273.1	31.86	11.21	177.13	
21/10/2024 16:30	10.63	6.19	109.33	15.34	9.76	3.43	53.63	16.84	26.58	15.48	273.37	33.95	11.7	183.14	
21/10/2024 16:35	10.38	6.02	105.46	15.58	7.12	1.94	4.49	20.84	50.48	22.16	299.59	40.38	10.09	50.04	
21/10/2024 16:40	10.83	6.36	108.75	15.36	7.38	2.08	2.45	21.16	27.18	15.97	272.94	0	0	0	
21/10/2024 16:45	11.41	6.86	109.5	15.36	9.21	3.03	36.92	18.37	28.6	17.2	274.53	16.17	5.75	99.87	
21/10/2024 16:50	11.4	6.74	107.48	15.4	10.41	3.68	57.66	16.46	28.86	17	270.94	32.76	11.58	180.73	
21/10/2024 16:55	10.98	6.49	108.77	15.37	10.69	3.85	55.78	16.61	27.6	16.32	273.38	34.65	12.47	180.84	
21/10/2024 17:00	11.15	7.05	109.91	15.37	10.14	3.53	52.71	16.83	28.03	17.73	276.31	34.7	11.83	178.39	
21/10/2024 17:05	10.97	6.93	107.57	15.38	8.48	2.93	30.67	18.59	27.61	17.43	270.57	227.91	75.49	267.93	
21/10/2024 17:10	10.84	6.58	110.2	15.36	12.17	4.13	66.83	15.42	27.19	16.5	276.41	30.87	10.47	169.47	
21/10/2024 17:15	11.46	7.18	110.92	15.37	11.47	3.79	62.62	15.88	28.82	18.06	278.96	31.84	10.42	172.81	
21/10/2024 17:20	11.45	7.12	109.16	15.44	10.52	3.42	47.72	16.98	29.23	18.07	276.53	37.54	12.24	169.3	
21/10/2024 17:25	11	6.71	110.37	15.38	10.41	3.52	45.59	17.2	27.72	16.9	278.07	39.14	13.23	171.5	
21/10/2024 17:30	11.59	7.34	111.88	15.38	9.95	3.56	50.4	17.11	29.18	18.47	281.55	36.69	12.91	182.92	
21/10/2024 17:35	11.44	7.21	110.71	15.47	7.87	3.15	33.49	18.49	29.48	18.43	285.4	46.92	18.94	194.28	
21/10/2024 17:40	11.1	6.84	111.42	15.38	8.16	3.24	32.64	18.56	27.96	17.24	280.69	48.44	19.22	193.84	
21/10/2024 17:45	11.85	7.42	111.66	15.38	9.07	3.43	46.32	17.7	29.85	18.7	281.2	41.14	15.61	206.02	
21/10/2024 17:50	12.08	7.4	111.05	15.39	10.47	3.85	58.05	16.48	30.47	18.65	280.01	34.34	12.71	183.92	
21/10/2024 17:55	11.09	6.95	112.28	15.36	12.16	4.41	69.34	15.54	27.84	17.45	281.86	31.54	11.44	179.9	
21/10/2024 18:00	11.32	7.52	113.45	15.38	10.51	3.93	59.69	16.47	28.5	18.94	285.59	33.34	12.38	187.01	
21/10/2024 18:05	11.09	7.42	111.07	15.5	7.54	3.12	30.75	18.76	28.91	19.11	284.39	51.63	21.61	202.66	
21/10/2024 18:10	10.59	6.9	112.38	15.4	7.34	3.27	31.03	18.78	26.74	17.46	284.08	48.14	21.42	203.43	
21/10/2024 18:15	11.3	7.5	112.77	15.38	8.26	3.42	41.49	18.02	28.44	18.88	283.84	41.5	17.17	198.51	
21/10/2024 18:20	11.03	7.33	109.31	15.58	7.18	2.97	25.92	19.16	29.57	19.35	285.06	61.76	25.85	211.03	
21/10/2024 18:25	10.68	6.96	112.57	15.39	7.13	3.17	25.44	19.23	26.94	17.58	284.05	59.4	26.46	212.08	
21/10/2024 18:30	11.39	7.48	112.25	15.38	8.37	3.47	41.82	17.99	28.7	18.84	282.78	45.08	19	201.28	
21/10/2024 18:35	11.3	7.36	110.4	15.5	8.02	3.26	35.59	18.33	29.52	18.99	286.71	44.6	18.24	193.76	
21/10/2024 18:40	10.67	6.97	111.97	15.38	7.91	3.31	31.02	18.73	26.87	17.58	282.1	50.6	21.21	198.5	
21/10/2024 18:45	11.33	7.45	112.33	15.38	8.43	3.48	40.32	18.07	28.52	18.75	282.79	43.08	17.63	196.17	
21/10/2024 18:50	11.1	7.31	110.24	15.52	7.22	3.03	24.77	19.24	29.51	19.1	286.84	69.15	28.85	215.05	
21/10/2024 18:55	10.66	6.9	111.41	15.4	7.13	3.03	23.61	19.34	26.93	17.47	281.71	63.51	27.03	210.45	
21/10/2024 19:00	11.58	7.56	112.76	15.39	8.99	3.59	44.07	17.7	29.2	19.07	284.3	46.71	19.14	197	
21/10/2024 19:05	11.55	7.5	110.84	15.47	9.11	3.65	44.24	17.64	29.68	19.14	282.28	39.37	15.89	189.4	
21/10/2024 19:10	10.79	6.9	111.55	15.4	9.53	3.81	43.95	17.68	27.27	17.47	282.15	41.08	16.44	189.44	
21/10/2024 19:15	11.73	7.42	111.91	15.39	9.4	3.75	44.72	17.59	29.56	18.71	282.11	39.64	15.66	187.57	
21/10/2024 19:20	11.7	7.29	110.21	15.52	7.14	3	25.38	19.18	30.85	19.03	289.78	64.03	27.25	211.66	
21/10/2024 19:25	10.85	6.84	110.92	15.4	6.92	3.16	25.14	19.25	27.39	17.3	280.25	58.2	26.55	211.39	
21/10/2024 19:30	11.46	7.37	111.32	15.38	7.95	3.41	37.61	18.3	28.86	18.55	280.24	46.24	19.99	201.35	
21/10/2024 19:35	11.24	7.22	110.23	15.51	7.16	3.12	26.68	19.1	29.67	18.83	294.67	59.87	26.36	209.71	
21/10/2024 19:40	10.7	6.88	111.45	15.38	7.34	3.28	25.05	19.27	26.95	17.35	280.75	62.7	28.03	213.84	
21/10/2024 19:45	11.72	7.44	112.13	15.37	7.46	3.07	16.47	20.02	29.47	18.72	281.97	55.02	25.82	132.78	
21/10/2024 19:50	12.03	7.49	112.19	15.37	7.22	2.59	1.05	21.22	30.25	18.83	282.09	0	0	0	
21/10/2024 19:55	11.48	7.36	105.7	15.61	8.05	3.23	5.74	20.93	28.35	18.44	262.46	121.26	57.47	86.99	
21/10/2024 20:00	10.58	7.31	102	15.95	7.9	3.62	9.52	20.5	32.85	21.89	286.27	84.38	42.52	105.52	
21/10/2024 20:05	9.74	6.29	80.42	16.92						38.31	22.86	245.59			
21/10/2024 20:10	11.3	7.59	111.48	15.32						28.12	18.9	277.46			
21/10/2024 20:15	11.47	7.69	111.43	15.33						28.6	19.18	277.99			
21/10/2024 20:20	11.52	7.83	111.73	15.34						28.82	19.6	279.47			
21/10/2024 20:25	11.54	7.9	111.95	15.36						28.93	19.82	280.72			
21/10/2024 20:30	11.59	7.98	111.97	15.37						29.12	20.05	281.24			
21/10/2024 20:35	11.81	8.12	112.08	15.37						29.69	20.41	281.83			
21/10/2024 20:40	11.63	7.85	112.24	15.37						29.25	19.75	282.36			
21/10/2024 20:45	11.87	7.99	111.27	15.38						29.88	20.12	280.18			
21/10/2024 20:50	11.95	7.89	110.18	15.38						30.11	19.87	277.53			
21/10/2024 20:55	11.97	7.96	111.08	15.38						30.16	20.05	279.79			
21/10/2024 21:00	11.87	7.93	111.22	15.39						29.92	19.99	280.36			
21/10/2024 21:05	12	7.92	111.19	15.38						30.25	19.95	280.23			
21/10/2024 21:10	11.8	7.8	110.79	15.38						29.71	19.64	279.07			
21/10/2024 21:15	11.72	7.89	111.36	15.38						29.53	19.88	280.6			
21/10/2024 21:20	11.91	7.97	111.68	15.39						30.02	20.08	281.51			
21/10/2024 21:25	11.75	7.84	111.13	15.38						29.61	19.77	280.08			
21/10/2024 21:30	11.78	7.86	111.25	15.38						29.69	19.82	280.39			
21/10/2024 21:35	11.83	7.87	111.44	15.38						29.79	19.83	280.72			
21/10/2024 21:40	11.83	7.78	111.58	15.38						29.81	19.6	281.06			
21/10/2024 21:45	12.03	7.83	110.55	15.39						30.32	19.75	278.67			
21/10/2024 21:50	11.92	7.75	110.92	15.38						30.03	19.53	279.33			
21/10/2024 21:55	11.69	7.84	111.64	15.38						29.45	19.74	281.26			
21/10/2024 22:00	11.84	7.91	111.72	15.38						29.84	19.92	281.48			
21/10/2024 22:05	11.64	7.73	111.41	15.38						29.32	19.47	280.56			
21/10/2024 22:10	11.77	7.82	111.54	15.38						29.65	19.71	281.05			
21/10/2024 22:15	11.8	7.79	111.65	15.38						29.74	19.61	281.28			
21/10/2024 22:20	11.66	7.78	111.57	15.38						29.37	19.59	280.9			
21/10/2024 22:25	11.69	7.83	111.75	15.38						29.44	19.71	281.36			
21/10/2024 22:30	11.82	7.78	111.19	15.38						29.76	19.57	279.91			
21/10/2024 22:35	11.82	7.81	111												



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/10/2024 23:45	11.73	7.87	112.47	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.53	19.81	283.17	Maintenance	Maintenance	Maintenance	
21/10/2024 23:50	11.81	7.88	112.17	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.72	19.82	282.27	Maintenance	Maintenance	Maintenance	
21/10/2024 23:55	11.65	7.67	110.77	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.32	19.31	278.7	Maintenance	Maintenance	Maintenance	
22/10/2024 00:00	11.84	7.68	110.71	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.78	19.33	278.57	Maintenance	Maintenance	Maintenance	
22/10/2024 00:05	11.83	7.7	110.77	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.75	19.37	278.69	Maintenance	Maintenance	Maintenance	
22/10/2024 00:10	11.74	7.74	111.17	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.56	19.5	279.95	Maintenance	Maintenance	Maintenance	
22/10/2024 00:15	11.64	7.74	111.09	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.29	19.47	279.64	Maintenance	Maintenance	Maintenance	
22/10/2024 00:20	11.81	7.78	111.19	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.73	19.57	279.87	Maintenance	Maintenance	Maintenance	
22/10/2024 00:25	11.82	7.76	110.82	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.76	19.53	278.92	Maintenance	Maintenance	Maintenance	
22/10/2024 00:30	11.79	7.73	111.39	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.68	19.47	280.37	Maintenance	Maintenance	Maintenance	
22/10/2024 00:35	11.83	7.79	110.9	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.78	19.61	279.19	Maintenance	Maintenance	Maintenance	
22/10/2024 00:40	11.92	7.69	110.45	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30	19.36	278.09	Maintenance	Maintenance	Maintenance	
22/10/2024 00:45	11.88	7.73	110.77	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.93	19.47	278.99	Maintenance	Maintenance	Maintenance	
22/10/2024 00:50	11.83	7.76	110.82	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.79	19.52	278.97	Maintenance	Maintenance	Maintenance	
22/10/2024 00:55	11.84	7.7	110.91	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.81	19.38	279.12	Maintenance	Maintenance	Maintenance	
22/10/2024 01:00	11.99	7.77	110.65	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.19	19.57	278.66	Maintenance	Maintenance	Maintenance	
22/10/2024 01:05	11.94	7.69	110.13	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.07	19.36	277.33	Maintenance	Maintenance	Maintenance	
22/10/2024 01:10	11.88	7.61	109.78	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.91	19.15	276.34	Maintenance	Maintenance	Maintenance	
22/10/2024 01:15	11.94	7.66	109.82	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.06	19.28	276.42	Maintenance	Maintenance	Maintenance	
22/10/2024 01:20	11.94	7.67	110.13	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.05	19.29	277.1	Maintenance	Maintenance	Maintenance	
22/10/2024 01:25	12.02	7.69	110.04	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.22	19.34	276.74	Maintenance	Maintenance	Maintenance	
22/10/2024 01:30	11.97	7.71	110.81	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.09	19.38	278.65	Maintenance	Maintenance	Maintenance	
22/10/2024 01:35	11.89	7.77	111.11	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.91	19.55	279.54	Maintenance	Maintenance	Maintenance	
22/10/2024 01:40	11.77	7.69	111.28	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.61	19.33	279.81	Maintenance	Maintenance	Maintenance	
22/10/2024 01:45	11.69	7.75	111.82	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.41	19.49	281.3	Maintenance	Maintenance	Maintenance	
22/10/2024 01:50	11.69	7.86	112.34	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.4	19.78	282.66	Maintenance	Maintenance	Maintenance	
22/10/2024 01:55	11.68	7.78	112.39	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.4	19.57	282.82	Maintenance	Maintenance	Maintenance	
22/10/2024 02:00	11.7	7.82	112	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.45	19.69	281.86	Maintenance	Maintenance	Maintenance	
22/10/2024 02:05	11.56	7.75	111.76	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.07	19.48	281.03	Maintenance	Maintenance	Maintenance	
22/10/2024 02:10	11.72	7.77	111.49	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.49	19.56	280.54	Maintenance	Maintenance	Maintenance	
22/10/2024 02:15	11.8	7.77	111.03	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.71	19.56	279.5	Maintenance	Maintenance	Maintenance	
22/10/2024 02:20	11.84	7.77	110.8	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.81	19.57	278.87	Maintenance	Maintenance	Maintenance	
22/10/2024 02:25	11.81	7.65	110.37	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.72	19.25	277.79	Maintenance	Maintenance	Maintenance	
22/10/2024 02:30	11.57	7.67	110.44	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.13	19.31	277.99	Maintenance	Maintenance	Maintenance	
22/10/2024 02:35	11.9	7.73	110.06	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.94	19.44	276.96	Maintenance	Maintenance	Maintenance	
22/10/2024 02:40	11.93	7.59	108.9	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.01	19.09	273.97	Maintenance	Maintenance	Maintenance	
22/10/2024 02:45	12.15	7.39	107.6	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.55	18.58	270.65	Maintenance	Maintenance	Maintenance	
22/10/2024 02:50	12.04	7.52	108.47	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.3	18.93	273.08	Maintenance	Maintenance	Maintenance	
22/10/2024 02:55	11.96	7.57	109.85	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.08	19.05	276.32	Maintenance	Maintenance	Maintenance	
22/10/2024 03:00	11.95	7.65	110.08	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.06	19.24	276.83	Maintenance	Maintenance	Maintenance	
22/10/2024 03:05	12.04	7.66	109.61	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.29	19.26	275.83	Maintenance	Maintenance	Maintenance	
22/10/2024 03:10	11.96	7.65	109.56	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.1	19.26	275.7	Maintenance	Maintenance	Maintenance	
22/10/2024 03:15	11.87	7.65	109.85	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.88	19.25	276.46	Maintenance	Maintenance	Maintenance	
22/10/2024 03:20	11.92	7.66	109.74	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30	19.27	276.13	Maintenance	Maintenance	Maintenance	
22/10/2024 03:25	11.89	7.57	109.41	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.91	19.03	275.16	Maintenance	Maintenance	Maintenance	
22/10/2024 03:30	11.84	7.5	109.07	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.78	18.87	274.35	Maintenance	Maintenance	Maintenance	
22/10/2024 03:35	11.96	7.71	109.81	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.09	19.41	276.25	Maintenance	Maintenance	Maintenance	
22/10/2024 03:40	11.84	7.58	109.65	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.79	19.07	275.76	Maintenance	Maintenance	Maintenance	
22/10/2024 03:45	11.63	7.48	109.29	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.24	18.81	274.66	Maintenance	Maintenance	Maintenance	
22/10/2024 03:50	11.75	7.58	109.81	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.53	19.04	275.99	Maintenance	Maintenance	Maintenance	
22/10/2024 03:55	11.73	7.67	110.64	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.49	19.29	278.19	Maintenance	Maintenance	Maintenance	
22/10/2024 04:00	11.71	7.79	111.11	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.43	19.58	279.38	Maintenance	Maintenance	Maintenance	
22/10/2024 04:05	11.77	7.67	110.48	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.59	19.28	277.85	Maintenance	Maintenance	Maintenance	
22/10/2024 04:10	11.85	7.54	109.09	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.8	18.96	274.4	Maintenance	Maintenance	Maintenance	
22/10/2024 04:15	11.91	7.58	109	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.99	19.08	274.42	Maintenance	Maintenance	Maintenance	
22/10/2024 04:20	11.93	7.58	109.65	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.01	19.07	275.87	Maintenance	Maintenance	Maintenance	
22/10/2024 04:25	11.81	7.77	110.39	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.73	19.55	277.83	Maintenance	Maintenance	Maintenance	
22/10/2024 04:30	11.76	7.75	110.42	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.6	19.49	277.9	Maintenance	Maintenance	Maintenance	
22/10/2024 04:35	11.81	7.68	110.02	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.71	19.33	276.8	Maintenance	Maintenance	Maintenance	
22/10/2024 04:40	11.77	7.63	109.69	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.6	19.21	275.97	Maintenance	Maintenance	Maintenance	
22/10/2024 04:45	11.77	7.57	109.78	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.61	19.05	276.29	Maintenance	Maintenance	Maintenance	
22/10/2024 04:50	11.91	7.67	110.05	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.96	19.28	276.87	Maintenance	Maintenance	Maintenance	
22/10/2024 04:55	11.89	7.59	109.11	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.92	19.1	274.54	Maintenance	Maintenance	Maintenance	
22/10/2024 05:00	11.94	7.51	108.44	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.03	18.9	272.76	Maintenance	Maintenance	Maintenance	
22/10/2024 05:05	12	7.62	109.12	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.19	19.17	274.43	Maintenance	Maintenance	Maintenance	
22/10/2024 05:10	11.9	7.64	109.69	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.94	19.21	275.98	Maintenance	Maintenance	Maintenance	
22/10/2024 05:15	11.91	7.72	109.89	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.96	19.42	276.45	Maintenance	Maintenance	Maintenance	
22/10/2024 05:20	11.71	7.63	110.15	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.47	19.2	277.19	Maintenance	Maintenance	Maintenance	
22/10/2024 05:25	11.89	7.68	110.19	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.91	19.32	277.16	Maintenance	Maintenance	Maintenance	
22/10/2024 05:30	11.92	7.65	109.63	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30	19.25	275.79	Maintenance	Maintenance	Maintenance	
22/10/2024 05:35	11.87	7.65	109.34	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.85	19.25	275.03	Maintenance	Maintenance	Maintenance	
22/10/2024 05:40	11.78	7.73	110.32	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.61	19.43	277.32	Maintenance	Maintenance	Maintenance	
22/10/2024 05:45	11.82	7.61	110.03	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.7	19.13	276.53	Maintenance	Maintenance	Maintenance	
22/10/2024 05:50	11.86	7.63	108.95	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.82	19.18	273.82	Maintenance	Maintenance	Maintenance	
22/10/2024 05:55	11.79	7.58	109.12	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.63	19.05	274.28	Maintenance	Maintenance	Maintenance	
22/10/2024 06:00	11.84	7.67	109.72	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.77	19.3	275.89	Maintenance	Maintenance	Maintenance	
22/10/2024 06:05	11.89	7.65	109.5	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.89	19.22	275.16	Maintenance	Maintenance	Maintenance	
22/10/2024 06:10	12.01	7.58	109.03	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.19	19.06	274.04	Maintenance	Maintenance	Maintenance	
22/10/2024 06:15	12.01	7.63	108.48	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.19	19.18	272.78	Maintenance	Maintenance	Maintenance	
22/10/2024 06:20	11.95	7.53	108.38	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.05	18.94	272.52	Maintenance	Maintenance	Maintenance	
22/10/2024 06:25	11.92	7.59	108.54	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.98	19.08	272.99	Maintenance	Maintenance	Maintenance	
22/10/2024 06:30	12.15	7.6	108.63	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.55	19.11	273.21	Maintenance	Maintenance	Maintenance	
22/10/2024 06:35	12.07	7.61	108.6	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.35	19.13	273.14	Maintenance	Maintenance	Maintenance	
22/10/2024 06:40	11.96	7.61	108.86	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.06	19.14	273.67	Maintenance	Maintenance	Maintenance	
22/10/2024 06:45	11.86	7.56	109.28	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.81	19	274.65	Maintenance	Maintenance	Maintenance	
22/10/2024 06:5															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/10/2024 07:30	11.94	7.66	109.77	15.37	maintenanc	maintenanc	maintenanc	maintenanc	30.02	19.24	275.9	maintenanc	maintenanc	maintenanc	
22/10/2024 07:35	11.88	7.53	109.81	15.37	maintenanc	maintenanc	maintenanc	maintenanc	29.84	18.93	275.89	maintenanc	maintenanc	maintenanc	
22/10/2024 07:40	12.1	7.61	109.09	15.37	maintenanc	maintenanc	maintenanc	maintenanc	30.4	19.13	274.17	maintenanc	maintenanc	maintenanc	
22/10/2024 07:45	11.95	7.56	109.1	15.37	maintenanc	maintenanc	maintenanc	maintenanc	30.04	19.01	274.27	maintenanc	maintenanc	maintenanc	
22/10/2024 07:50	12.04	7.56	108.57	15.37	maintenanc	maintenanc	maintenanc	maintenanc	30.26	19	272.8	maintenanc	maintenanc	maintenanc	
22/10/2024 07:55	11.99	7.62	108.75	15.37	maintenanc	maintenanc	maintenanc	maintenanc	30.14	19.15	273.35	maintenanc	maintenanc	maintenanc	
22/10/2024 08:00	11.99	7.55	108.56	15.37	maintenanc	maintenanc	maintenanc	maintenanc	30.12	18.98	272.68	maintenanc	maintenanc	maintenanc	
22/10/2024 08:05	11.93	7.56	108.6	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.95	18.99	272.69	maintenanc	maintenanc	maintenanc	
22/10/2024 08:10	12.07	7.53	108.15	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.3	18.9	271.53	maintenanc	maintenanc	maintenanc	
22/10/2024 08:15	12.02	7.6	107.93	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.19	19.07	270.96	maintenanc	maintenanc	maintenanc	
22/10/2024 08:20	12.16	7.55	107.71	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.52	18.94	270.38	maintenanc	maintenanc	maintenanc	
22/10/2024 08:25	12.04	7.53	107.8	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.23	18.9	270.71	maintenanc	maintenanc	maintenanc	
22/10/2024 08:30	12.07	7.59	108.08	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.32	19.07	271.4	maintenanc	maintenanc	maintenanc	
22/10/2024 08:35	11.85	7.49	108.09	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.75	18.82	271.41	maintenanc	maintenanc	maintenanc	
22/10/2024 08:40	12.18	7.51	107.8	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.57	18.85	270.66	maintenanc	maintenanc	maintenanc	
22/10/2024 08:45	12.06	7.5	107.69	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.29	18.83	270.4	maintenanc	maintenanc	maintenanc	
22/10/2024 08:50	12.04	7.45	107.72	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.23	18.71	270.39	maintenanc	maintenanc	maintenanc	
22/10/2024 08:55	12.08	7.52	108.14	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.31	18.87	271.28	maintenanc	maintenanc	maintenanc	
22/10/2024 09:00	12.21	7.46	107.62	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.62	18.7	269.83	maintenanc	maintenanc	maintenanc	
22/10/2024 09:05	12.07	7.5	107.94	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.26	18.8	270.58	maintenanc	maintenanc	maintenanc	
22/10/2024 09:10	12.05	7.46	107.5	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.2	18.71	269.43	maintenanc	maintenanc	maintenanc	
22/10/2024 09:15	12.04	7.38	107.18	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.17	18.5	268.54	maintenanc	maintenanc	maintenanc	
22/10/2024 09:20	12.03	7.49	107.76	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.14	18.76	270.09	maintenanc	maintenanc	maintenanc	
22/10/2024 09:25	12	7.46	107.79	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.06	18.68	270.11	maintenanc	maintenanc	maintenanc	
22/10/2024 09:30	12.01	7.46	107.78	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.1	18.68	270.08	maintenanc	maintenanc	maintenanc	
22/10/2024 09:35	12.16	7.33	106.09	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.46	18.36	265.84	maintenanc	maintenanc	maintenanc	
22/10/2024 09:40	12.23	7.24	105.58	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.61	18.13	264.34	maintenanc	maintenanc	maintenanc	
22/10/2024 09:45	12.25	7.3	106.1	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.69	18.3	265.78	maintenanc	maintenanc	maintenanc	
22/10/2024 09:50	12.12	7.32	106.74	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.35	18.33	267.38	maintenanc	maintenanc	maintenanc	
22/10/2024 09:55	12.12	7.27	106.59	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.36	18.21	266.97	maintenanc	maintenanc	maintenanc	
22/10/2024 10:00	12.09	7.26	106.29	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.27	18.18	266.12	maintenanc	maintenanc	maintenanc	
22/10/2024 10:05	12.08	7.26	106.55	15.35	maintenanc	maintenanc	maintenanc	maintenanc	30.24	18.17	266.67	maintenanc	maintenanc	maintenanc	
22/10/2024 10:10	12.1	7.34	107.11	15.34	maintenanc	maintenanc	maintenanc	maintenanc	30.27	18.37	268.01	maintenanc	maintenanc	maintenanc	
22/10/2024 10:15	11.96	7.32	107.67	15.34	maintenanc	maintenanc	maintenanc	maintenanc	29.89	18.29	269.13	maintenanc	maintenanc	maintenanc	
22/10/2024 10:20	11.95	7.3	107.62	15.34	maintenanc	maintenanc	maintenanc	maintenanc	29.86	18.25	268.89	maintenanc	maintenanc	maintenanc	
22/10/2024 10:25	11.9	7.33	108.12	15.34	maintenanc	maintenanc	maintenanc	maintenanc	29.72	18.31	270.13	maintenanc	maintenanc	maintenanc	
22/10/2024 10:30	11.99	7.3	107.93	15.33	maintenanc	maintenanc	maintenanc	maintenanc	29.94	18.22	269.51	maintenanc	maintenanc	maintenanc	
22/10/2024 10:35	12.02	7.29	107.36	15.33	maintenanc	maintenanc	maintenanc	maintenanc	30	18.19	267.84	maintenanc	maintenanc	maintenanc	
22/10/2024 10:40	11.96	7.23	107.53	15.33	maintenanc	maintenanc	maintenanc	maintenanc	29.83	18.02	268.2	maintenanc	maintenanc	maintenanc	
22/10/2024 10:45	12	7.32	107.74	15.32	maintenanc	maintenanc	maintenanc	maintenanc	29.92	18.26	268.58	maintenanc	maintenanc	maintenanc	
22/10/2024 10:50	11.97	7.14	107.52	15.32	maintenanc	maintenanc	maintenanc	maintenanc	29.81	17.79	267.85	maintenanc	maintenanc	maintenanc	
22/10/2024 10:55	12.16	7.21	107.35	15.32	maintenanc	maintenanc	maintenanc	maintenanc	30.27	17.95	267.26	maintenanc	maintenanc	maintenanc	
22/10/2024 11:00	11.79	7.07	107.28	15.31	maintenanc	maintenanc	maintenanc	maintenanc	29.31	17.58	266.76	maintenanc	maintenanc	maintenanc	
22/10/2024 11:05	12.18	7.23	107.45	15.31	maintenanc	maintenanc	maintenanc	maintenanc	30.28	17.96	267.13	maintenanc	maintenanc	maintenanc	
22/10/2024 11:10	12.03	7.06	107.14	15.3	maintenanc	maintenanc	maintenanc	maintenanc	29.87	17.55	266.17	maintenanc	maintenanc	maintenanc	
22/10/2024 11:15	12.13	7.17	107.27	15.3	maintenanc	maintenanc	maintenanc	maintenanc	30.12	17.81	266.41	maintenanc	maintenanc	maintenanc	
22/10/2024 11:20	11.96	7.04	107.27	15.3	maintenanc	maintenanc	maintenanc	maintenanc	29.68	17.47	266.14	maintenanc	maintenanc	maintenanc	
22/10/2024 11:25	12.26	7.14	107.13	15.3	maintenanc	maintenanc	maintenanc	maintenanc	30.42	17.72	265.81	maintenanc	maintenanc	maintenanc	
22/10/2024 11:30	12.04	7.04	106.92	15.29	maintenanc	maintenanc	maintenanc	maintenanc	29.85	17.45	265.14	maintenanc	maintenanc	maintenanc	
22/10/2024 11:35	11.97	6.95	106.56	15.29	maintenanc	maintenanc	maintenanc	maintenanc	29.66	17.23	264.15	maintenanc	maintenanc	maintenanc	
22/10/2024 11:40	12.08	7.06	106.89	15.29	maintenanc	maintenanc	maintenanc	maintenanc	29.93	17.51	264.89	maintenanc	maintenanc	maintenanc	
22/10/2024 11:45	11.95	6.92	106.48	15.29	maintenanc	maintenanc	maintenanc	maintenanc	29.6	17.15	263.77	maintenanc	maintenanc	maintenanc	
22/10/2024 11:50	12.19	7.03	106.63	15.29	maintenanc	maintenanc	maintenanc	maintenanc	30.22	17.43	264.24	maintenanc	maintenanc	maintenanc	
22/10/2024 11:55	12.04	6.91	106.66	15.29	maintenanc	maintenanc	maintenanc	maintenanc	29.82	17.12	264.12	maintenanc	maintenanc	maintenanc	
22/10/2024 12:00	12.14	6.98	106.49	15.29	maintenanc	maintenanc	maintenanc	maintenanc	30.07	17.3	263.78	maintenanc	maintenanc	maintenanc	
22/10/2024 12:05	12.29	6.95	106.26	15.29	maintenanc	maintenanc	maintenanc	maintenanc	30.42	17.22	263.11	maintenanc	maintenanc	maintenanc	
22/10/2024 12:10	12.26	6.75	105.62	15.28	maintenanc	maintenanc	maintenanc	maintenanc	30.35	16.71	261.36	maintenanc	maintenanc	maintenanc	
22/10/2024 12:15	12.26	6.82	105.21	15.28	maintenanc	maintenanc	maintenanc	maintenanc	30.33	16.88	260.31	maintenanc	maintenanc	maintenanc	
22/10/2024 12:20	12.3	6.85	105.17	15.28	maintenanc	maintenanc	maintenanc	maintenanc	30.42	16.93	260.06	maintenanc	maintenanc	maintenanc	
22/10/2024 12:25	12.37	6.76	105.04	15.28	maintenanc	maintenanc	maintenanc	maintenanc	30.56	16.71	259.6	maintenanc	maintenanc	maintenanc	
22/10/2024 12:30	12.22	6.53	104.07	15.26	maintenanc	maintenanc	maintenanc	maintenanc	30.13	16.11	256.63	maintenanc	maintenanc	maintenanc	
22/10/2024 12:35	12.38	6.59	104.04	15.26	maintenanc	maintenanc	maintenanc	maintenanc	30.52	16.24	256.46	maintenanc	maintenanc	maintenanc	
22/10/2024 12:40	12.62	6.61	103.62	15.26	maintenanc	maintenanc	maintenanc	maintenanc	31.1	16.3	255.41	maintenanc	maintenanc	maintenanc	
22/10/2024 12:45	12.39	6.52	103.95	15.26	maintenanc	maintenanc	maintenanc	maintenanc	30.52	16.06	256.07	maintenanc	maintenanc	maintenanc	
22/10/2024 12:50	12.36	6.46	104.18	15.25	maintenanc	maintenanc	maintenanc	maintenanc	30.41	15.9	256.39	maintenanc	maintenanc	maintenanc	
22/10/2024 12:55	12.28	6.57	104.11	15.26	maintenanc	maintenanc	maintenanc	maintenanc	30.24	16.17	256.4	maintenanc	maintenanc	maintenanc	
22/10/2024 13:00	12.35	6.57	103.98	15.26	maintenanc	maintenanc	maintenanc	maintenanc	30.44	16.19	256.21	maintenanc	maintenanc	maintenanc	
22/10/2024 13:05	12.39	6.55	103.67	15.26	maintenanc	maintenanc	maintenanc	maintenanc	30.52	16.12	255.35	maintenanc	maintenanc	maintenanc	
22/10/2024 13:10	12.43	6.51	103.73	15.25	maintenanc	maintenanc	maintenanc	maintenanc	30.58	16.02	255.17	maintenanc	maintenanc	maintenanc	
22/10/2024 13:15	12.3	6.34	103.86	15.24	maintenanc	maintenanc	maintenanc	maintenanc	30.22	15.57	255.16	maintenanc	maintenanc	maintenanc	
22/10/2024 13:20	12.29	6.34	103.87	15.23	maintenanc	maintenanc	maintenanc	maintenanc	30.16	15.55	254.86	maintenanc	maintenanc	maintenanc	
22/10/2024 13:25	12.33	6.45	104.12	15.24	maintenanc	maintenanc	maintenanc	maintenanc	30.26	15.84	255.5	maintenanc	maintenanc	maintenanc	
22/10/2024 13:30	12.18	6.35	103.93	15.24	maintenanc	maintenanc	maintenanc	maintenanc	29.9	15.59	255.17	maintenanc	maintenanc	maintenanc	
22/10/2024 13:35	12.28	6.56	104.57	15.25	maintenanc	maintenanc	maintenanc	maintenanc	30.22	16.13	257.2	maintenanc	maintenanc	maintenanc	
22/10/2024 13:40	12.21	6.42	104.27	15.26	maintenanc	maintenanc	maintenanc	maintenanc	30.08	15.81	256.9	maintenanc	maintenanc	maintenanc	
22/10/2024 13:45	12.38	6.49	103.48	15.27	maintenanc	maintenanc	maintenanc	maintenanc	30.55	16.01	255.36	maintenanc	maintenanc	maintenanc	
22/10/2024 13:50	12.49	6.45	102.86	15.27	maintenanc	maintenanc	maintenanc	maintenanc	30.85	15.94	254.17	maintenanc	maintenanc	maintenanc	
22/10/2024 13:55	12.49	6.33	103.18	15.27	maintenanc	maintenanc									



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/10/2024 15:15	12.08	6.86	106.57	15.3	Maintenance	Maintenance	Maintenance	Maintenance	29.99	17.03	264.61	Maintenance	Maintenance	Maintenance	
22/10/2024 15:20	12.2	6.79	106.13	15.3	Maintenance	Maintenance	Maintenance	Maintenance	30.31	16.87	263.65	Maintenance	Maintenance	Maintenance	
22/10/2024 15:25	12.32	6.75	105.16	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.63	16.77	261.36	Maintenance	Maintenance	Maintenance	
22/10/2024 15:30	12.29	6.82	105.94	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.56	16.96	263.32	Maintenance	Maintenance	Maintenance	
22/10/2024 15:35	12.11	6.87	106.87	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.1	17.06	265.54	Maintenance	Maintenance	Maintenance	
22/10/2024 15:40	12.13	6.84	106.34	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.15	17	264.28	Maintenance	Maintenance	Maintenance	
22/10/2024 15:45	12.16	6.8	105.27	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.2	16.89	261.53	Maintenance	Maintenance	Maintenance	
22/10/2024 15:50	12.21	6.77	105.43	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.34	16.83	261.95	Maintenance	Maintenance	Maintenance	
22/10/2024 15:55	11.93	6.98	107.25	15.31	Maintenance	Maintenance	Maintenance	Maintenance	29.63	17.35	266.51	Maintenance	Maintenance	Maintenance	
22/10/2024 16:00	11.68	7	108.82	15.3	Maintenance	Maintenance	Maintenance	Maintenance	29.02	17.39	270.26	Maintenance	Maintenance	Maintenance	
22/10/2024 16:05	11.6	7.13	108.87	15.3	Maintenance	Maintenance	Maintenance	Maintenance	28.82	17.7	270.43	Maintenance	Maintenance	Maintenance	
22/10/2024 16:10	11.84	6.93	107.22	15.3	Maintenance	Maintenance	Maintenance	Maintenance	29.42	17.22	266.34	Maintenance	Maintenance	Maintenance	
22/10/2024 16:15	11.67	7.09	108.18	15.31	Maintenance	Maintenance	Maintenance	Maintenance	29.01	17.62	268.99	Maintenance	Maintenance	Maintenance	
22/10/2024 16:20	11.79	7.12	108.53	15.31	Maintenance	Maintenance	Maintenance	Maintenance	29.34	17.72	269.97	Maintenance	Maintenance	Maintenance	
22/10/2024 16:25	11.96	7.03	107.46	15.31	Maintenance	Maintenance	Maintenance	Maintenance	29.77	17.48	267.37	Maintenance	Maintenance	Maintenance	
22/10/2024 16:30	11.99	6.95	106.59	15.32	Maintenance	Maintenance	Maintenance	Maintenance	29.85	17.31	265.32	Maintenance	Maintenance	Maintenance	
22/10/2024 16:35	11.92	6.92	107.09	15.32	Maintenance	Maintenance	Maintenance	Maintenance	29.68	17.23	266.63	Maintenance	Maintenance	Maintenance	
22/10/2024 16:40	12.01	7.09	107.19	15.32	Maintenance	Maintenance	Maintenance	Maintenance	29.9	17.65	266.98	Maintenance	Maintenance	Maintenance	
22/10/2024 16:45	12.11	7.05	106.98	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.17	17.55	266.46	Maintenance	Maintenance	Maintenance	
22/10/2024 16:50	12.09	6.99	106.43	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.14	17.43	265.31	Maintenance	Maintenance	Maintenance	
22/10/2024 16:55	12.1	7.06	106.32	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.18	17.61	265.27	Maintenance	Maintenance	Maintenance	
22/10/2024 17:00	12.17	7.06	106.53	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.38	17.61	265.82	Maintenance	Maintenance	Maintenance	
22/10/2024 17:05	12.2	7.12	106.93	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.46	17.78	266.86	Maintenance	Maintenance	Maintenance	
22/10/2024 17:10	12.12	7.17	107.96	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.25	17.9	269.51	Maintenance	Maintenance	Maintenance	
22/10/2024 17:15	12.16	7.26	108.82	15.34	Maintenance	Maintenance	Maintenance	Maintenance	30.38	18.15	271.81	Maintenance	Maintenance	Maintenance	
22/10/2024 17:20	12.12	7.31	109.89	15.34	Maintenance	Maintenance	Maintenance	Maintenance	30.27	18.26	274.56	Maintenance	Maintenance	Maintenance	
22/10/2024 17:25	11.82	7.31	110.19	15.34	Maintenance	Maintenance	Maintenance	Maintenance	29.53	18.26	275.34	Maintenance	Maintenance	Maintenance	
22/10/2024 17:30	11.15	7.48	109.74	15.33	Maintenance	Maintenance	Maintenance	Maintenance	27.84	18.68	273.97	Maintenance	Maintenance	Maintenance	
22/10/2024 17:35	11.19	7.4	109.21	15.33	Maintenance	Maintenance	Maintenance	Maintenance	27.93	18.45	272.5	Maintenance	Maintenance	Maintenance	
22/10/2024 17:40	10.81	7.61	111.14	15.33	Maintenance	Maintenance	Maintenance	Maintenance	26.98	18.99	277.46	Maintenance	Maintenance	Maintenance	
22/10/2024 17:45	11.12	7.59	111.39	15.34	Maintenance	Maintenance	Maintenance	Maintenance	27.79	18.97	278.33	Maintenance	Maintenance	Maintenance	
22/10/2024 17:50	11.04	7.57	111.26	15.34	Maintenance	Maintenance	Maintenance	Maintenance	27.58	18.91	277.98	Maintenance	Maintenance	Maintenance	
22/10/2024 17:55	11.4	7.67	112.82	15.35	Maintenance	Maintenance	Maintenance	Maintenance	28.55	19.2	282.48	Maintenance	Maintenance	Maintenance	
22/10/2024 18:00	11.77	7.49	110.8	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.46	18.76	277.41	Maintenance	Maintenance	Maintenance	
22/10/2024 18:05	11.88	7.45	110.39	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.75	18.67	276.45	Maintenance	Maintenance	Maintenance	
22/10/2024 18:10	11.86	7.52	110.74	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.72	18.84	277.42	Maintenance	Maintenance	Maintenance	
22/10/2024 18:15	12.08	7.4	110.24	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.25	18.54	276.14	Maintenance	Maintenance	Maintenance	
22/10/2024 18:20	12.01	7.47	110.21	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.1	18.72	276.16	Maintenance	Maintenance	Maintenance	
22/10/2024 18:25	11.93	7.45	110.54	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.88	18.68	276.95	Maintenance	Maintenance	Maintenance	
22/10/2024 18:30	12	7.52	110.53	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.06	18.83	276.95	Maintenance	Maintenance	Maintenance	
22/10/2024 18:35	11.89	7.53	111.05	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.77	18.86	278.12	Maintenance	Maintenance	Maintenance	
22/10/2024 18:40	11.84	7.46	110.73	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.66	18.68	277.41	Maintenance	Maintenance	Maintenance	
22/10/2024 18:45	11.79	7.5	110.13	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.53	18.79	275.81	Maintenance	Maintenance	Maintenance	
22/10/2024 18:50	11.87	7.53	110.54	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.74	18.86	276.9	Maintenance	Maintenance	Maintenance	
22/10/2024 18:55	11.87	7.52	110.56	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.73	18.85	276.96	Maintenance	Maintenance	Maintenance	
22/10/2024 19:00	11.75	7.55	110.81	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.44	18.92	277.57	Maintenance	Maintenance	Maintenance	
22/10/2024 19:05	11.86	7.5	110.31	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.69	18.77	276.22	Maintenance	Maintenance	Maintenance	
22/10/2024 19:10	11.81	7.54	110.31	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.59	18.9	276.31	Maintenance	Maintenance	Maintenance	
22/10/2024 19:15	11.91	7.52	110.61	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.82	18.84	277.06	Maintenance	Maintenance	Maintenance	
22/10/2024 19:20	11.93	7.58	111.28	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.88	18.99	278.64	Maintenance	Maintenance	Maintenance	
22/10/2024 19:25	11.88	7.6	111.28	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.75	19.04	278.68	Maintenance	Maintenance	Maintenance	
22/10/2024 19:30	11.81	7.51	111.03	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.58	18.81	278.04	Maintenance	Maintenance	Maintenance	
22/10/2024 19:35	11.86	7.57	110.72	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.71	18.97	277.37	Maintenance	Maintenance	Maintenance	
22/10/2024 19:40	11.81	7.58	111.18	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.59	18.99	278.46	Maintenance	Maintenance	Maintenance	
22/10/2024 19:45	11.91	7.55	110.93	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.82	18.91	277.82	Maintenance	Maintenance	Maintenance	
22/10/2024 19:50	11.78	7.63	111.47	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.51	19.12	279.19	Maintenance	Maintenance	Maintenance	
22/10/2024 19:55	11.81	7.57	111.25	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.57	18.97	278.59	Maintenance	Maintenance	Maintenance	
22/10/2024 20:00	11.85	7.67	111.26	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.67	19.21	278.66	Maintenance	Maintenance	Maintenance	
22/10/2024 20:05	11.81	7.64	111.48	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.58	19.12	279.17	Maintenance	Maintenance	Maintenance	
22/10/2024 20:10	11.87	7.6	111.22	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.73	19.03	278.56	Maintenance	Maintenance	Maintenance	
22/10/2024 20:15	11.8	7.65	111.68	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.56	19.16	279.73	Maintenance	Maintenance	Maintenance	
22/10/2024 20:20	11.8	7.6	111.27	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.55	19.03	278.62	Maintenance	Maintenance	Maintenance	
22/10/2024 20:25	11.94	7.6	110.6	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.92	19.06	277.22	Maintenance	Maintenance	Maintenance	
22/10/2024 20:30	12.06	7.49	109.56	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.23	18.77	274.73	Maintenance	Maintenance	Maintenance	
22/10/2024 20:35	12.17	7.46	109.45	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.52	18.7	274.47	Maintenance	Maintenance	Maintenance	
22/10/2024 20:40	11.95	7.6	110.63	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.96	19.06	277.32	Maintenance	Maintenance	Maintenance	
22/10/2024 20:45	11.82	7.59	111.3	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.61	19.03	278.93	Maintenance	Maintenance	Maintenance	
22/10/2024 20:50	12.09	7.56	110.48	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.3	18.94	276.97	Maintenance	Maintenance	Maintenance	
22/10/2024 20:55	11.98	7.5	110.07	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.03	18.81	275.93	Maintenance	Maintenance	Maintenance	
22/10/2024 21:00	11.95	7.59	111.23	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.97	19.05	279.01	Maintenance	Maintenance	Maintenance	
22/10/2024 21:05	11.88	7.7	111.81	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.81	19.33	280.57	Maintenance	Maintenance	Maintenance	
22/10/2024 21:10	11.79	7.62	111.28	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.57	19.12	279.04	Maintenance	Maintenance	Maintenance	
22/10/2024 21:15	11.89	7.65	111.39	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.8	19.19	279.28	Maintenance	Maintenance	Maintenance	
22/10/2024 21:20	12.01	7.66	111.56	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.11	19.19	279.62	Maintenance	Maintenance	Maintenance	
22/10/2024 21:25	11.96	7.63	111.26	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.99	19.13	278.94	Maintenance	Maintenance	Maintenance	
22/10/2024 21:30	11.95	7.63	110.45	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.97	19.13	276.99	Maintenance	Maintenance	Maintenance	
22/10/2024 21:35	12.01	7.54	109.85	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.13	18.91	275.47	Maintenance	Maintenance	Maintenance	
22/10/2024 21:40	12.02	7.58	109.77	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.14	19	275.27	Maintenance	Maintenance	Maintenance	
22/10/2024 21:45	11.98	7.52	109.46	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.05	18.86	274.59	Maintenance	Maintenance	Maintenance	
22/10/2024 21:50	12.14	7.48	108.96	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.45	18.76	273.34	Maintenance	Maintenance	Maintenance	
22/10/2024 21:55	12.1	7.51	108.84	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.39	18.87	273.27	Maintenance	Maintenance	Maintenance	
22/10/2024 22:00	11.96	7.5	109.32	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.03	18.84	274.37	Maintenance	Maintenance	Maintenance	
22/10/2024 22:05	12.18	7.53	109.22	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.59	18.91	274.2	Maintenance	Maintenance	Maintenance	
22/10/2024 22:10	12.05	7.59	110.19	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.27	19.07	276.81	Maintenance	Maintenance	Maintenance	
22/10/2024 22:15	12.05	7.54	109.63	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.24	18.94	275.25	Maintenance	Maintenance	Maintenance	
22/10/2024 22:															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/10/2024 23:00	12	7.53	108.93	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.15	18.92	273.69	Maintenance	Maintenance	Maintenance	
22/10/2024 23:05	12.37	7.39	106.92	15.37	Maintenance	Maintenance	Maintenance	Maintenance	31.08	18.55	268.58	Maintenance	Maintenance	Maintenance	
22/10/2024 23:10	12.41	7.43	106.92	15.37	Maintenance	Maintenance	Maintenance	Maintenance	31.17	18.67	268.6	Maintenance	Maintenance	Maintenance	
22/10/2024 23:15	12.38	7.44	107.86	15.37	Maintenance	Maintenance	Maintenance	Maintenance	31.09	18.7	270.91	Maintenance	Maintenance	Maintenance	
22/10/2024 23:20	12.22	7.58	108.76	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.71	19.03	273.18	Maintenance	Maintenance	Maintenance	
22/10/2024 23:25	12.15	7.55	108.91	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.53	18.97	273.64	Maintenance	Maintenance	Maintenance	
22/10/2024 23:30	12.19	7.61	109.13	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.63	19.12	274.16	Maintenance	Maintenance	Maintenance	
22/10/2024 23:35	12.09	7.63	109.25	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.39	19.18	274.53	Maintenance	Maintenance	Maintenance	
22/10/2024 23:40	11.95	7.64	109.87	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.03	19.21	276.1	Maintenance	Maintenance	Maintenance	
22/10/2024 23:45	12.01	7.7	109.93	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.17	19.35	276.2	Maintenance	Maintenance	Maintenance	
22/10/2024 23:50	12	7.64	109.38	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.16	19.2	274.77	Maintenance	Maintenance	Maintenance	
22/10/2024 23:55	12.1	7.66	109.48	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.41	19.25	275.13	Maintenance	Maintenance	Maintenance	
23/10/2024 00:00	11.89	7.64	109.29	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.88	19.19	274.66	Maintenance	Maintenance	Maintenance	
23/10/2024 00:05	12.02	7.62	108.74	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.21	19.15	273.25	Maintenance	Maintenance	Maintenance	
23/10/2024 00:10	12.19	7.59	107.85	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.64	19.08	271.13	Maintenance	Maintenance	Maintenance	
23/10/2024 00:15	12.2	7.49	106.75	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.66	18.82	268.31	Maintenance	Maintenance	Maintenance	
23/10/2024 00:20	12.42	7.51	106.84	15.37	Maintenance	Maintenance	Maintenance	Maintenance	31.21	18.89	268.54	Maintenance	Maintenance	Maintenance	
23/10/2024 00:25	12.19	7.48	107.09	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.61	18.8	269.02	Maintenance	Maintenance	Maintenance	
23/10/2024 00:30	12.05	7.54	107.54	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.27	18.92	270.07	Maintenance	Maintenance	Maintenance	
23/10/2024 00:35	12.23	7.56	107.79	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.73	18.98	270.71	Maintenance	Maintenance	Maintenance	
23/10/2024 00:40	12.23	7.55	107.61	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.72	18.97	270.26	Maintenance	Maintenance	Maintenance	
23/10/2024 00:45	12.17	7.55	107.45	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.57	18.97	269.87	Maintenance	Maintenance	Maintenance	
23/10/2024 00:50	12.26	7.55	107.9	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.77	18.95	270.78	Maintenance	Maintenance	Maintenance	
23/10/2024 00:55	12.31	7.61	108.22	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.92	19.12	271.78	Maintenance	Maintenance	Maintenance	
23/10/2024 01:00	12.12	7.64	108.8	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.43	19.18	273.1	Maintenance	Maintenance	Maintenance	
23/10/2024 01:05	12.13	7.69	109.32	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.47	19.32	274.57	Maintenance	Maintenance	Maintenance	
23/10/2024 01:10	11.84	7.74	109.75	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.74	19.43	275.62	Maintenance	Maintenance	Maintenance	
23/10/2024 01:15	11.92	7.72	109.87	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.93	19.38	275.89	Maintenance	Maintenance	Maintenance	
23/10/2024 01:20	11.97	7.74	109.82	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.06	19.44	275.9	Maintenance	Maintenance	Maintenance	
23/10/2024 01:25	12.02	7.69	109.36	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.19	19.31	274.67	Maintenance	Maintenance	Maintenance	
23/10/2024 01:30	12.01	7.75	109.53	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.17	19.46	275.1	Maintenance	Maintenance	Maintenance	
23/10/2024 01:35	11.92	7.71	109.46	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.94	19.36	274.78	Maintenance	Maintenance	Maintenance	
23/10/2024 01:40	12.07	7.67	108.86	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.3	19.25	273.36	Maintenance	Maintenance	Maintenance	
23/10/2024 01:45	12.27	7.72	108.69	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.82	19.4	273.11	Maintenance	Maintenance	Maintenance	
23/10/2024 01:50	12.02	7.63	108.84	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.19	19.17	273.45	Maintenance	Maintenance	Maintenance	
23/10/2024 01:55	12.1	7.73	109.05	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.38	19.41	273.86	Maintenance	Maintenance	Maintenance	
23/10/2024 02:00	12.08	7.67	109.13	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.37	19.27	274.28	Maintenance	Maintenance	Maintenance	
23/10/2024 02:05	12.13	7.68	108.84	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.48	19.31	273.53	Maintenance	Maintenance	Maintenance	
23/10/2024 02:10	12.14	7.69	109.03	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.52	19.33	273.97	Maintenance	Maintenance	Maintenance	
23/10/2024 02:15	11.99	7.67	108.93	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.11	19.27	273.61	Maintenance	Maintenance	Maintenance	
23/10/2024 02:20	12.11	7.75	109.34	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.43	19.47	274.88	Maintenance	Maintenance	Maintenance	
23/10/2024 02:25	11.84	7.74	109.8	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.73	19.44	275.8	Maintenance	Maintenance	Maintenance	
23/10/2024 02:30	11.87	7.76	109.6	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.84	19.5	275.47	Maintenance	Maintenance	Maintenance	
23/10/2024 02:35	12.1	7.77	109.91	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.39	19.51	276.12	Maintenance	Maintenance	Maintenance	
23/10/2024 02:40	12.09	7.75	108.95	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.38	19.48	273.74	Maintenance	Maintenance	Maintenance	
23/10/2024 02:45	12.14	7.71	108.75	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.51	19.37	273.35	Maintenance	Maintenance	Maintenance	
23/10/2024 02:50	12.13	7.73	108.84	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.48	19.43	273.53	Maintenance	Maintenance	Maintenance	
23/10/2024 02:55	11.98	7.68	108.24	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.11	19.31	272.02	Maintenance	Maintenance	Maintenance	
23/10/2024 03:00	12.04	7.66	108.15	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.27	19.26	271.84	Maintenance	Maintenance	Maintenance	
23/10/2024 03:05	12.09	7.73	108.37	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.38	19.42	272.39	Maintenance	Maintenance	Maintenance	
23/10/2024 03:10	12.01	7.74	108.94	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.17	19.44	273.62	Maintenance	Maintenance	Maintenance	
23/10/2024 03:15	12.35	7.75	108.37	15.37	Maintenance	Maintenance	Maintenance	Maintenance	31.03	19.47	272.32	Maintenance	Maintenance	Maintenance	
23/10/2024 03:20	12.08	7.69	108.04	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.38	19.35	271.69	Maintenance	Maintenance	Maintenance	
23/10/2024 03:25	12.34	7.73	108.17	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.06	19.45	272.28	Maintenance	Maintenance	Maintenance	
23/10/2024 03:30	12.44	7.76	108.67	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.31	19.54	273.6	Maintenance	Maintenance	Maintenance	
23/10/2024 03:35	12.52	7.79	108.73	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.52	19.62	273.83	Maintenance	Maintenance	Maintenance	
23/10/2024 03:40	12.32	7.8	108.72	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.01	19.64	273.69	Maintenance	Maintenance	Maintenance	
23/10/2024 03:45	12.26	7.92	109.21	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.86	19.94	274.91	Maintenance	Maintenance	Maintenance	
23/10/2024 03:50	12.25	7.88	108.97	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.83	19.83	274.27	Maintenance	Maintenance	Maintenance	
23/10/2024 03:55	12.55	7.94	109.37	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.6	19.98	275.31	Maintenance	Maintenance	Maintenance	
23/10/2024 04:00	12.39	7.88	108.96	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.2	19.83	274.4	Maintenance	Maintenance	Maintenance	
23/10/2024 04:05	12.52	7.88	108.46	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.54	19.86	273.27	Maintenance	Maintenance	Maintenance	
23/10/2024 04:10	12.49	7.95	108.32	15.39	Maintenance	Maintenance	Maintenance	Maintenance	31.48	20.04	273.09	Maintenance	Maintenance	Maintenance	
23/10/2024 04:15	12.55	7.96	109.23	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.62	20.05	275.29	Maintenance	Maintenance	Maintenance	
23/10/2024 04:20	12.57	8.04	109.98	15.39	Maintenance	Maintenance	Maintenance	Maintenance	31.68	20.27	277.21	Maintenance	Maintenance	Maintenance	
23/10/2024 04:25	12.47	8.02	109.26	15.39	Maintenance	Maintenance	Maintenance	Maintenance	31.45	20.22	275.45	Maintenance	Maintenance	Maintenance	
23/10/2024 04:30	12.23	8.01	109.43	15.39	Maintenance	Maintenance	Maintenance	Maintenance	30.83	20.2	275.86	Maintenance	Maintenance	Maintenance	
23/10/2024 04:35	12.33	8.09	109.4	15.39	Maintenance	Maintenance	Maintenance	Maintenance	31.08	20.39	275.79	Maintenance	Maintenance	Maintenance	
23/10/2024 04:40	12.44	8.05	110.37	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.35	20.27	278.05	Maintenance	Maintenance	Maintenance	
23/10/2024 04:45	12.32	8.09	109.82	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.04	20.37	276.67	Maintenance	Maintenance	Maintenance	
23/10/2024 04:50	12.15	8.17	110.27	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.62	20.58	277.83	Maintenance	Maintenance	Maintenance	
23/10/2024 04:55	11.98	8.16	110.66	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.18	20.57	278.86	Maintenance	Maintenance	Maintenance	
23/10/2024 05:00	12.1	8.25	110.58	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.49	20.78	278.62	Maintenance	Maintenance	Maintenance	
23/10/2024 05:05	12	8.19	110.36	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.23	20.63	278.06	Maintenance	Maintenance	Maintenance	
23/10/2024 05:10	12.19	8.15	109.89	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.7	20.52	276.74	Maintenance	Maintenance	Maintenance	
23/10/2024 05:15	12.39	8.17	109.42	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.22	20.58	275.65	Maintenance	Maintenance	Maintenance	
23/10/2024 05:20	12.29	8.07	109.36	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.96	20.34	275.58	Maintenance	Maintenance	Maintenance	
23/10/2024 05:25	12.18	8.13	108.81	15.39	Maintenance	Maintenance	Maintenance	Maintenance	30.7	20.48	274.27	Maintenance	Maintenance	Maintenance	
23/10/2024 05:30	12.34	8.1	109.29	15.38	Maintenance	Maintenance	Maintenance	Maintenance	31.08	20.41	275.35	Maintenance	Maintenance	Maintenance	
23/10/2024 05:35	12.26	8.09	109.38	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.9	20.38	275.64	Maintenance	Maintenance	Maintenance	
23/10/2024 05:40	12.22	8.13	108.78	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.8	20.48	274.14	Maintenance	Maintenance	Maintenance	
23/10/2024 05:45	12.19	8.13	109.64	15.39	Maintenance	Maintenance	Maintenance	Maintenance	30.72	20.5	276.34	Maintenance	Maintenance	Maintenance	
23/10/2024 05:50	11.94	8.32	112.17	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.06	20.95	282.51	Maintenance	Maintenance	Maintenance	
23/10/2024 05:55	11.93	8.37	111.91	15.39	Maintenance	Maintenance	Maintenance	Maintenance	30.07	21.09	282.13	Maintenance	Maintenance	Maintenance	
23/10/2024 06:00	12.03	8.15	110.14	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.31	20.55	277.52	Maintenance	Maintenance	Maintenance	
23/1															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/10/2024 06:45	11.89	8.45	113.19	15.39	Maintenance	Maintenance	Maintenance	Maintenance	30	21.3	285.49	Maintenance	Maintenance	Maintenance	
23/10/2024 06:50	11.82	8.4	113.17	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.78	21.16	285.07	Maintenance	Maintenance	Maintenance	
23/10/2024 06:55	11.95	8.4	112.52	15.39	Maintenance	Maintenance	Maintenance	Maintenance	30.12	21.17	283.66	Maintenance	Maintenance	Maintenance	
23/10/2024 07:00	11.86	8.33	112.51	15.39	Maintenance	Maintenance	Maintenance	Maintenance	29.91	21.01	283.65	Maintenance	Maintenance	Maintenance	
23/10/2024 07:05	11.98	8.34	112.35	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.16	21.01	282.97	Maintenance	Maintenance	Maintenance	
23/10/2024 07:10	11.98	8.34	112.15	15.38	Maintenance	Maintenance	Maintenance	Maintenance	30.19	21.01	282.52	Maintenance	Maintenance	Maintenance	
23/10/2024 07:15	11.89	8.28	112.02	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.96	20.85	282.1	Maintenance	Maintenance	Maintenance	
23/10/2024 07:20	11.84	8.36	112.32	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.82	21.04	282.75	Maintenance	Maintenance	Maintenance	
23/10/2024 07:25	11.77	8.29	112.44	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.66	20.89	283.23	Maintenance	Maintenance	Maintenance	
23/10/2024 07:30	11.8	8.36	112.42	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.7	21.05	283.11	Maintenance	Maintenance	Maintenance	
23/10/2024 07:35	11.86	8.3	112.16	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.87	20.9	282.54	Maintenance	Maintenance	Maintenance	
23/10/2024 07:40	11.84	8.35	112.33	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.8	21.01	282.82	Maintenance	Maintenance	Maintenance	
23/10/2024 07:45	11.7	8.31	112.22	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.45	20.91	282.47	Maintenance	Maintenance	Maintenance	
23/10/2024 07:50	11.8	8.28	112.08	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.69	20.83	282.13	Maintenance	Maintenance	Maintenance	
23/10/2024 07:55	11.76	8.34	112.4	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.6	20.99	282.84	Maintenance	Maintenance	Maintenance	
23/10/2024 08:00	11.74	8.31	112.39	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.53	20.9	282.8	Maintenance	Maintenance	Maintenance	
23/10/2024 08:05	11.84	8.3	112.2	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.81	20.88	282.39	Maintenance	Maintenance	Maintenance	
23/10/2024 08:10	11.79	8.28	112.49	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.65	20.84	282.92	Maintenance	Maintenance	Maintenance	
23/10/2024 08:15	11.86	8.24	111.83	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.82	20.73	281.26	Maintenance	Maintenance	Maintenance	
23/10/2024 08:20	11.72	8.2	111.53	15.38	Maintenance	Maintenance	Maintenance	Maintenance	29.49	20.63	280.62	Maintenance	Maintenance	Maintenance	
23/10/2024 08:25	11.76	8.17	111.47	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.59	20.55	280.37	Maintenance	Maintenance	Maintenance	
23/10/2024 08:30	11.9	8.15	110.92	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.93	20.49	278.9	Maintenance	Maintenance	Maintenance	
23/10/2024 08:35	11.84	8.1	110.65	15.37	Maintenance	Maintenance	Maintenance	Maintenance	29.75	20.37	278.13	Maintenance	Maintenance	Maintenance	
23/10/2024 08:40	12.05	8.11	110.29	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.29	20.39	277.23	Maintenance	Maintenance	Maintenance	
23/10/2024 08:45	12.07	8.08	110.53	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.34	20.31	277.93	Maintenance	Maintenance	Maintenance	
23/10/2024 08:50	12.03	8.14	110.59	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.24	20.45	277.88	Maintenance	Maintenance	Maintenance	
23/10/2024 08:55	12.03	8.08	110.5	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.23	20.3	277.66	Maintenance	Maintenance	Maintenance	
23/10/2024 09:00	12	8	109.96	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.14	20.1	276.3	Maintenance	Maintenance	Maintenance	
23/10/2024 09:05	12.11	8.03	109.71	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.42	20.17	275.65	Maintenance	Maintenance	Maintenance	
23/10/2024 09:10	12.04	7.97	109.77	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.24	20	275.62	Maintenance	Maintenance	Maintenance	
23/10/2024 09:15	12.09	7.97	109.16	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.35	20.02	274.15	Maintenance	Maintenance	Maintenance	
23/10/2024 09:20	12.19	7.93	109.02	15.37	Maintenance	Maintenance	Maintenance	Maintenance	30.64	19.92	273.91	Maintenance	Maintenance	Maintenance	
23/10/2024 09:25	12.14	7.91	109.54	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.49	19.85	275.01	Maintenance	Maintenance	Maintenance	
23/10/2024 09:30	12.03	7.94	109.35	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.21	19.93	274.54	Maintenance	Maintenance	Maintenance	
23/10/2024 09:35	12.19	7.9	109.38	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.6	19.82	274.43	Maintenance	Maintenance	Maintenance	
23/10/2024 09:40	12.14	7.9	109.44	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.45	19.82	274.6	Maintenance	Maintenance	Maintenance	
23/10/2024 09:45	12.25	7.89	109.08	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.73	19.81	273.68	Maintenance	Maintenance	Maintenance	
23/10/2024 09:50	12.01	7.85	109.11	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.1	19.69	273.47	Maintenance	Maintenance	Maintenance	
23/10/2024 09:55	12.13	7.91	109.14	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.38	19.81	273.26	Maintenance	Maintenance	Maintenance	
23/10/2024 10:00	12.05	7.86	109.88	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.19	19.69	275.17	Maintenance	Maintenance	Maintenance	
23/10/2024 10:05	12.01	7.84	109.7	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.06	19.63	274.69	Maintenance	Maintenance	Maintenance	
23/10/2024 10:10	12.2	7.85	109.63	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.55	19.66	274.44	Maintenance	Maintenance	Maintenance	
23/10/2024 10:15	12.09	7.74	109	15.34	Maintenance	Maintenance	Maintenance	Maintenance	30.22	19.35	272.58	Maintenance	Maintenance	Maintenance	
23/10/2024 10:20	12.12	7.77	109.2	15.34	Maintenance	Maintenance	Maintenance	Maintenance	30.29	19.43	272.96	Maintenance	Maintenance	Maintenance	
23/10/2024 10:25	12.12	7.66	108.89	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.28	19.13	271.95	Maintenance	Maintenance	Maintenance	
23/10/2024 10:30	12.08	7.67	108.87	15.34	Maintenance	Maintenance	Maintenance	Maintenance	30.17	19.17	271.95	Maintenance	Maintenance	Maintenance	
23/10/2024 10:35	12	7.63	108.6	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.96	19.04	271.06	Maintenance	Maintenance	Maintenance	
23/10/2024 10:40	12.14	7.6	108.75	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.28	18.96	271.18	Maintenance	Maintenance	Maintenance	
23/10/2024 10:45	12.15	7.69	109.18	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.29	19.18	272.23	Maintenance	Maintenance	Maintenance	
23/10/2024 10:50	11.99	7.55	108.96	15.32	Maintenance	Maintenance	Maintenance	Maintenance	29.89	18.82	271.64	Maintenance	Maintenance	Maintenance	
23/10/2024 10:55	12.08	7.67	109.12	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.1	19.11	271.88	Maintenance	Maintenance	Maintenance	
23/10/2024 11:00	11.95	7.62	109.21	15.32	Maintenance	Maintenance	Maintenance	Maintenance	29.77	18.97	272.02	Maintenance	Maintenance	Maintenance	
23/10/2024 11:05	11.89	7.59	109.18	15.32	Maintenance	Maintenance	Maintenance	Maintenance	29.6	18.89	271.85	Maintenance	Maintenance	Maintenance	
23/10/2024 11:10	11.87	7.57	109.04	15.32	Maintenance	Maintenance	Maintenance	Maintenance	29.54	18.84	271.4	Maintenance	Maintenance	Maintenance	
23/10/2024 11:15	11.92	7.61	109.4	15.32	Maintenance	Maintenance	Maintenance	Maintenance	29.68	18.93	272.35	Maintenance	Maintenance	Maintenance	
23/10/2024 11:20	11.91	7.53	108.93	15.31	Maintenance	Maintenance	Maintenance	Maintenance	29.61	18.71	270.85	Maintenance	Maintenance	Maintenance	
23/10/2024 11:25	11.92	7.54	108.78	15.31	Maintenance	Maintenance	Maintenance	Maintenance	29.64	18.73	270.37	Maintenance	Maintenance	Maintenance	
23/10/2024 11:30	11.82	7.38	108.46	15.3	Maintenance	Maintenance	Maintenance	Maintenance	29.34	18.32	269.32	Maintenance	Maintenance	Maintenance	
23/10/2024 11:35	11.99	7.44	108.23	15.3	Maintenance	Maintenance	Maintenance	Maintenance	29.76	18.45	268.61	Maintenance	Maintenance	Maintenance	
23/10/2024 11:40	11.93	7.33	108.12	15.3	Maintenance	Maintenance	Maintenance	Maintenance	29.59	18.19	268.17	Maintenance	Maintenance	Maintenance	
23/10/2024 11:45	12.1	7.44	108.61	15.3	Maintenance	Maintenance	Maintenance	Maintenance	30.02	18.46	269.48	Maintenance	Maintenance	Maintenance	
23/10/2024 11:50	12.03	7.29	108.2	15.29	Maintenance	Maintenance	Maintenance	Maintenance	29.84	18.07	268.27	Maintenance	Maintenance	Maintenance	
23/10/2024 11:55	12.07	7.36	107.86	15.29	Maintenance	Maintenance	Maintenance	Maintenance	29.89	18.24	267.17	Maintenance	Maintenance	Maintenance	
23/10/2024 12:00	12.07	7.37	108.74	15.29	Maintenance	Maintenance	Maintenance	Maintenance	29.88	18.26	269.31	Maintenance	Maintenance	Maintenance	
23/10/2024 12:05	11.88	7.32	108.46	15.28	Maintenance	Maintenance	Maintenance	Maintenance	29.41	18.11	268.45	Maintenance	Maintenance	Maintenance	
23/10/2024 12:10	12.16	7.35	107.7	15.28	Maintenance	Maintenance	Maintenance	Maintenance	30.1	18.18	266.52	Maintenance	Maintenance	Maintenance	
23/10/2024 12:15	12.06	7.17	107.83	15.28	Maintenance	Maintenance	Maintenance	Maintenance	29.82	17.74	266.61	Maintenance	Maintenance	Maintenance	
23/10/2024 12:20	12.4	7.11	105.71	15.28	Maintenance	Maintenance	Maintenance	Maintenance	30.65	17.57	261.37	Maintenance	Maintenance	Maintenance	
23/10/2024 12:25	12.42	7.03	105.94	15.28	Maintenance	Maintenance	Maintenance	Maintenance	30.72	17.39	261.95	Maintenance	Maintenance	Maintenance	
23/10/2024 12:30	12.48	7.01	105.04	15.27	Maintenance	Maintenance	Maintenance	Maintenance	30.83	17.33	259.56	Maintenance	Maintenance	Maintenance	
23/10/2024 12:35	12.54	7.11	105.34	15.28	Maintenance	Maintenance	Maintenance	Maintenance	30.98	17.58	260.37	Maintenance	Maintenance	Maintenance	
23/10/2024 12:40	12.3	6.92	105.04	15.27	Maintenance	Maintenance	Maintenance	Maintenance	30.39	17.09	259.48	Maintenance	Maintenance	Maintenance	
23/10/2024 12:45	12.53	6.97	104.46	15.27	Maintenance	Maintenance	Maintenance	Maintenance	30.95	17.22	258.05	Maintenance	Maintenance	Maintenance	
23/10/2024 12:50	12.4	6.9	104.64	15.27	Maintenance	Maintenance	Maintenance	Maintenance	30.61	17.04	258.33	Maintenance	Maintenance	Maintenance	
23/10/2024 12:55	12.44	6.8	104.16	15.27	Maintenance	Maintenance	Maintenance	Maintenance	30.71	16.79	257.11	Maintenance	Maintenance	Maintenance	
23/10/2024 13:00	12.61	6.92	104.09	15.27	Maintenance	Maintenance	Maintenance	Maintenance	31.14	17.08	257.02	Maintenance	Maintenance	Maintenance	
23/10/2024 13:05	12.6	6.74	103.17	15.27	Maintenance	Maintenance	Maintenance	Maintenance	31.12	16.64	254.81	Maintenance	Maintenance	Maintenance	
23/10/2024 13:10	12.78	6.71	102.08	15.27	Maintenance	Maintenance	Maintenance	Maintenance	31.54	16.56	251.86	Maintenance	Maintenance	Maintenance	
23/10/2024 13:15	12.62	6.75	102.8	15.27	Maintenance	Maintenance	Maintenance	Maintenance	31.15	16.66	253.74	Maintenance	Maintenance	Maintenance	
23/10/2024 13:20	12.66	6.69	102.63	15.27	Maintenance	Maintenance	Maintenance	Maintenance	31.25	16.5	253.26	Maintenance	Maintenance	Maintenance	
23/10/2024 13:25	12.54	6.81	102.88	15.27	Maintenance	Maintenance	Maintenance	Maintenance	30.95	16.81	253.89	Maintenance	Maintenance	Maintenance	
23/10/2024 13:30	12.63	6.69	102.73	15.27	Maintenance	Maintenance	Maintenance	Maintenance	31.16	16.51	253.55	Maintenance	Maintenance	Maintenance	
23/10/2024 13:35	12.61	6.77	102.4	15.27	Maintenance	Maintenance	Maintenance	Maintenance	31.15	16.71	252.87	Maintenance	Maintenance	Maintenance	
23/10/2024 13:40	12.79	6.6	101.64	15.27	Maintenance	Maintenance	Maintenance	Maintenance	31.59	16.29	251.04	Maintenance	Maintenance	Maintenance	
23/10/2024 13:45	12.96	6.62	100.11	15.27	Maintenance	Maintenance	Maintenance	Maintenance	32.02	16.36	247.37	Maintenance	Maintenance	Maintenance	
23/10/2024 13:50	12.94	6.4													



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/10/2024 14:30	12.98	6.69	100.34	15.28	Maintenance	Maintenance	Maintenance	Maintenance	32.1	16.54	248.2	Maintenance	Maintenance	Maintenance	
23/10/2024 14:35	12.91	6.61	100.37	15.28	Maintenance	Maintenance	Maintenance	Maintenance	31.94	16.37	248.34	Maintenance	Maintenance	Maintenance	
23/10/2024 14:40	12.82	6.63	100.23	15.28	Maintenance	Maintenance	Maintenance	Maintenance	31.73	16.42	248.08	Maintenance	Maintenance	Maintenance	
23/10/2024 14:45	12.85	6.58	100.32	15.29	Maintenance	Maintenance	Maintenance	Maintenance	31.83	16.31	248.51	Maintenance	Maintenance	Maintenance	
23/10/2024 14:50	12.87	6.65	100.41	15.29	Maintenance	Maintenance	Maintenance	Maintenance	31.91	16.49	248.86	Maintenance	Maintenance	Maintenance	
23/10/2024 14:55	12.77	6.67	100.51	15.29	Maintenance	Maintenance	Maintenance	Maintenance	31.63	16.53	248.92	Maintenance	Maintenance	Maintenance	
23/10/2024 15:00	12.72	6.66	100.76	15.29	Maintenance	Maintenance	Maintenance	Maintenance	31.53	16.5	249.71	Maintenance	Maintenance	Maintenance	
23/10/2024 15:05	12.79	6.72	101.27	15.29	Maintenance	Maintenance	Maintenance	Maintenance	31.72	16.66	251.08	Maintenance	Maintenance	Maintenance	
23/10/2024 15:10	12.63	6.77	101.86	15.3	Maintenance	Maintenance	Maintenance	Maintenance	31.34	16.78	252.7	Maintenance	Maintenance	Maintenance	
23/10/2024 15:15	12.7	6.83	102.2	15.3	Maintenance	Maintenance	Maintenance	Maintenance	31.51	16.96	253.66	Maintenance	Maintenance	Maintenance	
23/10/2024 15:20	12.5	6.83	102.27	15.3	Maintenance	Maintenance	Maintenance	Maintenance	31.03	16.97	253.98	Maintenance	Maintenance	Maintenance	
23/10/2024 15:25	12.58	6.95	102.77	15.31	Maintenance	Maintenance	Maintenance	Maintenance	31.28	17.27	255.43	Maintenance	Maintenance	Maintenance	
23/10/2024 15:30	12.44	6.88	102.84	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.92	17.09	255.6	Maintenance	Maintenance	Maintenance	
23/10/2024 15:35	12.51	7	103.03	15.31	Maintenance	Maintenance	Maintenance	Maintenance	31.09	17.41	256.14	Maintenance	Maintenance	Maintenance	
23/10/2024 15:40	12.32	6.94	103.42	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.63	17.25	257.17	Maintenance	Maintenance	Maintenance	
23/10/2024 15:45	12.38	7.04	103.8	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.81	17.51	258.23	Maintenance	Maintenance	Maintenance	
23/10/2024 15:50	12.41	7.05	104.36	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.87	17.54	259.66	Maintenance	Maintenance	Maintenance	
23/10/2024 15:55	12.4	7.05	104.44	15.31	Maintenance	Maintenance	Maintenance	Maintenance	30.85	17.53	259.81	Maintenance	Maintenance	Maintenance	
23/10/2024 16:00	12.38	7.14	104.39	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.82	17.77	259.93	Maintenance	Maintenance	Maintenance	
23/10/2024 16:05	12.14	7.09	104.6	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.23	17.64	260.41	Maintenance	Maintenance	Maintenance	
23/10/2024 16:10	12.23	7.21	105.23	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.46	17.96	262.05	Maintenance	Maintenance	Maintenance	
23/10/2024 16:15	12.25	7.15	105.1	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.52	17.8	261.79	Maintenance	Maintenance	Maintenance	
23/10/2024 16:20	12.3	7.13	104.53	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.63	17.75	260.36	Maintenance	Maintenance	Maintenance	
23/10/2024 16:25	12.23	7.22	105.41	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.47	18	262.68	Maintenance	Maintenance	Maintenance	
23/10/2024 16:30	12.23	7.19	105.77	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.48	17.93	263.65	Maintenance	Maintenance	Maintenance	
23/10/2024 16:35	12.17	7.21	105.14	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.34	17.97	262.12	Maintenance	Maintenance	Maintenance	
23/10/2024 16:40	12.21	7.21	105.21	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.43	17.98	262.28	Maintenance	Maintenance	Maintenance	
23/10/2024 16:45	12.17	7.22	105.35	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.36	17.99	262.7	Maintenance	Maintenance	Maintenance	
23/10/2024 16:50	12.26	7.26	105.76	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.57	18.09	263.71	Maintenance	Maintenance	Maintenance	
23/10/2024 16:55	12.23	7.26	106.16	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.5	18.11	264.76	Maintenance	Maintenance	Maintenance	
23/10/2024 17:00	12.13	7.31	106.39	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.25	18.24	265.35	Maintenance	Maintenance	Maintenance	
23/10/2024 17:05	12.16	7.23	106.29	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.31	18.03	264.91	Maintenance	Maintenance	Maintenance	
23/10/2024 17:10	12.22	7.37	106.53	15.32	Maintenance	Maintenance	Maintenance	Maintenance	30.45	18.36	265.55	Maintenance	Maintenance	Maintenance	
23/10/2024 17:15	11.95	7.37	107.18	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.8	18.38	267.22	Maintenance	Maintenance	Maintenance	
23/10/2024 17:20	11.87	7.34	107.26	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.6	18.32	267.54	Maintenance	Maintenance	Maintenance	
23/10/2024 17:25	12.07	7.46	107.73	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.13	18.62	268.89	Maintenance	Maintenance	Maintenance	
23/10/2024 17:30	11.82	7.46	108.43	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.47	18.6	270.44	Maintenance	Maintenance	Maintenance	
23/10/2024 17:35	12.01	7.48	108.12	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.97	18.66	269.78	Maintenance	Maintenance	Maintenance	
23/10/2024 17:40	11.94	7.51	108.64	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.79	18.74	271.14	Maintenance	Maintenance	Maintenance	
23/10/2024 17:45	11.97	7.44	108.09	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.85	18.56	269.53	Maintenance	Maintenance	Maintenance	
23/10/2024 17:50	12.04	7.5	107.88	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.04	18.71	269.16	Maintenance	Maintenance	Maintenance	
23/10/2024 17:55	12.11	7.38	107.7	15.33	Maintenance	Maintenance	Maintenance	Maintenance	30.21	18.42	268.74	Maintenance	Maintenance	Maintenance	
23/10/2024 18:00	11.94	7.5	108.35	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.8	18.71	270.37	Maintenance	Maintenance	Maintenance	
23/10/2024 18:05	11.88	7.48	108.43	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.65	18.68	270.57	Maintenance	Maintenance	Maintenance	
23/10/2024 18:10	12.02	7.46	108.54	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.99	18.62	270.79	Maintenance	Maintenance	Maintenance	
23/10/2024 18:15	11.92	7.54	108.39	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.74	18.81	270.47	Maintenance	Maintenance	Maintenance	
23/10/2024 18:20	11.89	7.51	108.59	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.64	18.74	270.81	Maintenance	Maintenance	Maintenance	
23/10/2024 18:25	11.76	7.63	109.14	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.34	19.02	272.26	Maintenance	Maintenance	Maintenance	
23/10/2024 18:30	11.91	7.57	108.87	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.73	18.89	271.68	Maintenance	Maintenance	Maintenance	
23/10/2024 18:35	11.94	7.59	109.38	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.8	18.94	273.01	Maintenance	Maintenance	Maintenance	
23/10/2024 18:40	11.85	7.63	109.52	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.56	19.03	273.23	Maintenance	Maintenance	Maintenance	
23/10/2024 18:45	11.9	7.6	109.56	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.7	18.98	273.45	Maintenance	Maintenance	Maintenance	
23/10/2024 18:50	11.82	7.76	110.85	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.51	19.39	276.77	Maintenance	Maintenance	Maintenance	
23/10/2024 18:55	11.79	7.81	111.32	15.33	Maintenance	Maintenance	Maintenance	Maintenance	29.44	19.5	277.93	Maintenance	Maintenance	Maintenance	
23/10/2024 19:00	11.51	7.8	111.15	15.33	Maintenance	Maintenance	Maintenance	Maintenance	28.73	19.48	277.52	Maintenance	Maintenance	Maintenance	
23/10/2024 19:05	11.58	7.89	111.73	15.34	Maintenance	Maintenance	Maintenance	Maintenance	28.93	19.72	279.13	Maintenance	Maintenance	Maintenance	
23/10/2024 19:10	11.8	7.89	112.06	15.34	Maintenance	Maintenance	Maintenance	Maintenance	29.49	19.7	280.01	Maintenance	Maintenance	Maintenance	
23/10/2024 19:15	11.7	7.9	112.18	15.34	Maintenance	Maintenance	Maintenance	Maintenance	29.26	19.75	280.48	Maintenance	Maintenance	Maintenance	
23/10/2024 19:20	11.79	7.87	111.78	15.34	Maintenance	Maintenance	Maintenance	Maintenance	29.49	19.69	279.47	Maintenance	Maintenance	Maintenance	
23/10/2024 19:25	11.69	7.88	112.03	15.34	Maintenance	Maintenance	Maintenance	Maintenance	29.23	19.72	280.19	Maintenance	Maintenance	Maintenance	
23/10/2024 19:30	11.7	7.91	112.14	15.34	Maintenance	Maintenance	Maintenance	Maintenance	29.28	19.79	280.55	Maintenance	Maintenance	Maintenance	
23/10/2024 19:35	11.79	7.89	111.88	15.34	Maintenance	Maintenance	Maintenance	Maintenance	29.49	19.74	279.93	Maintenance	Maintenance	Maintenance	
23/10/2024 19:40	11.63	7.84	111.27	15.34	Maintenance	Maintenance	Maintenance	Maintenance	29.1	19.61	278.38	Maintenance	Maintenance	Maintenance	
23/10/2024 19:45	11.89	7.82	110.22	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.75	19.57	275.86	Maintenance	Maintenance	Maintenance	
23/10/2024 19:50	12.11	7.74	109.61	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.3	19.36	274.34	Maintenance	Maintenance	Maintenance	
23/10/2024 19:55	12.02	7.81	109.56	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.08	19.53	274.15	Maintenance	Maintenance	Maintenance	
23/10/2024 20:00	12.25	7.7	108.47	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.68	19.29	271.58	Maintenance	Maintenance	Maintenance	
23/10/2024 20:05	12.35	7.67	107.86	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.9	19.19	269.92	Maintenance	Maintenance	Maintenance	
23/10/2024 20:10	12.23	7.63	107.4	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.62	19.11	268.96	Maintenance	Maintenance	Maintenance	
23/10/2024 20:15	12.41	7.57	106.81	15.35	Maintenance	Maintenance	Maintenance	Maintenance	31.09	18.96	267.5	Maintenance	Maintenance	Maintenance	
23/10/2024 20:20	12.39	7.5	105.34	15.35	Maintenance	Maintenance	Maintenance	Maintenance	31.04	18.79	263.83	Maintenance	Maintenance	Maintenance	
23/10/2024 20:25	12.49	7.54	105.85	15.35	Maintenance	Maintenance	Maintenance	Maintenance	31.28	18.89	265.08	Maintenance	Maintenance	Maintenance	
23/10/2024 20:30	12.31	7.55	106.28	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.83	18.9	266.22	Maintenance	Maintenance	Maintenance	
23/10/2024 20:35	12.48	7.7	107.28	15.35	Maintenance	Maintenance	Maintenance	Maintenance	31.26	19.29	268.69	Maintenance	Maintenance	Maintenance	
23/10/2024 20:40	12.19	7.64	107.38	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.54	19.14	269.01	Maintenance	Maintenance	Maintenance	
23/10/2024 20:45	12.27	7.73	108.08	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.73	19.36	270.75	Maintenance	Maintenance	Maintenance	
23/10/2024 20:50	12.05	7.8	108.69	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.19	19.54	272.3	Maintenance	Maintenance	Maintenance	
23/10/2024 20:55	12.09	7.77	108.5	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.31	19.48	271.9	Maintenance	Maintenance	Maintenance	
23/10/2024 21:00	12.01	7.82	109.05	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.1	19.6	273.24	Maintenance	Maintenance	Maintenance	
23/10/2024 21:05	11.9	7.8	109	15.35	Maintenance	Maintenance	Maintenance	Maintenance	29.81	19.53	273.03	Maintenance	Maintenance	Maintenance	
23/10/2024 21:10	12.09	7.85	108.79	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.32	19.69	272.71	Maintenance	Maintenance	Maintenance	
23/10/2024 21:15	12.15	7.82	108.95	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.45	19.6	272.98	Maintenance	Maintenance	Maintenance	
23/10/2024 21:20	12.06	7.79	108.66	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.22	19.53	272.24	Maintenance	Maintenance	Maintenance	
23/10/2024 21:25	12.07	7.79	108.38	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.25	19.52	271.65	Maintenance	Maintenance	Maintenance	
23/10/2024 21:30	12.14	7.76	108.36	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.43	19.44	271.54	Maintenance	Maintenance	Maintenance	
23/10/2024 21:35	12														



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/10/2024 22:15	12.52	7.75	107.24	15.36	Maintenance	Maintenance	Maintenance	Maintenance	31.39	19.44	268.98	Maintenance	Maintenance	Maintenance	
23/10/2024 22:20	12.4	7.7	107.53	15.36	Maintenance	Maintenance	Maintenance	Maintenance	31.1	19.32	269.72	Maintenance	Maintenance	Maintenance	
23/10/2024 22:25	12.33	7.77	107.81	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.9	19.49	270.22	Maintenance	Maintenance	Maintenance	
23/10/2024 22:30	12.12	7.84	109.27	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.38	19.66	274	Maintenance	Maintenance	Maintenance	
23/10/2024 22:35	12.12	7.99	110.53	15.35	Maintenance	Maintenance	Maintenance	Maintenance	30.38	20.04	277.04	Maintenance	Maintenance	Maintenance	
23/10/2024 22:40	12.06	8.03	110.98	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.25	20.13	278.27	Maintenance	Maintenance	Maintenance	
23/10/2024 22:45	11.97	8	111.19	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30	20.07	278.77	Maintenance	Maintenance	Maintenance	
23/10/2024 22:50	12.07	8.08	110.81	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.26	20.26	277.85	Maintenance	Maintenance	Maintenance	
23/10/2024 22:55	11.98	7.99	110.85	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.06	20.03	278.06	Maintenance	Maintenance	Maintenance	
23/10/2024 23:00	12.07	8.03	110.77	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.28	20.14	277.86	Maintenance	Maintenance	Maintenance	
23/10/2024 23:05	11.95	8.04	111.1	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.97	20.17	278.59	Maintenance	Maintenance	Maintenance	
23/10/2024 23:10	12.13	8.04	110.87	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.41	20.17	278.02	Maintenance	Maintenance	Maintenance	
23/10/2024 23:15	12.07	8.07	111.02	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.28	20.25	278.49	Maintenance	Maintenance	Maintenance	
23/10/2024 23:20	11.91	8.03	111.18	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.87	20.12	278.72	Maintenance	Maintenance	Maintenance	
23/10/2024 23:25	12.12	8.09	110.92	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.4	20.29	278.13	Maintenance	Maintenance	Maintenance	
23/10/2024 23:30	12.16	8.07	110.78	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.5	20.25	277.91	Maintenance	Maintenance	Maintenance	
23/10/2024 23:35	12.03	8.04	110.28	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.17	20.18	276.65	Maintenance	Maintenance	Maintenance	
23/10/2024 23:40	12.06	8.06	110.61	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.23	20.22	277.39	Maintenance	Maintenance	Maintenance	
23/10/2024 23:45	12.16	8.09	110.44	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.53	20.29	277.13	Maintenance	Maintenance	Maintenance	
23/10/2024 23:50	12.43	8.09	110.1	15.36	Maintenance	Maintenance	Maintenance	Maintenance	31.19	20.28	276.22	Maintenance	Maintenance	Maintenance	
23/10/2024 23:55	12.11	8.05	110.14	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.39	20.19	276.33	Maintenance	Maintenance	Maintenance	
24/10/2024 00:00	12.32	8.11	110.41	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.9	20.34	276.95	Maintenance	Maintenance	Maintenance	
24/10/2024 00:05	12.16	8	110.03	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.51	20.07	275.96	Maintenance	Maintenance	Maintenance	
24/10/2024 00:10	12.07	8.06	110.06	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.27	20.22	276.14	Maintenance	Maintenance	Maintenance	
24/10/2024 00:15	12.18	8	109.52	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.56	20.08	274.78	Maintenance	Maintenance	Maintenance	
24/10/2024 00:20	12.26	7.98	108.92	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.78	20.03	273.35	Maintenance	Maintenance	Maintenance	
24/10/2024 00:25	12.24	8.03	109.62	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.71	20.13	274.96	Maintenance	Maintenance	Maintenance	
24/10/2024 00:30	12.08	8.14	110.86	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.32	20.42	278.22	Maintenance	Maintenance	Maintenance	
24/10/2024 00:35	12.24	8.21	111.17	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.71	20.59	278.81	Maintenance	Maintenance	Maintenance	
24/10/2024 00:40	12.11	8.13	110.92	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.38	20.41	278.36	Maintenance	Maintenance	Maintenance	
24/10/2024 00:45	12.05	8.22	111.38	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.23	20.62	279.53	Maintenance	Maintenance	Maintenance	
24/10/2024 00:50	12.03	8.15	111.46	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.17	20.45	279.57	Maintenance	Maintenance	Maintenance	
24/10/2024 00:55	12.17	8.23	111.58	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.52	20.65	279.82	Maintenance	Maintenance	Maintenance	
24/10/2024 01:00	12.11	8.18	111.72	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.37	20.51	280.17	Maintenance	Maintenance	Maintenance	
24/10/2024 01:05	12.04	8.23	111.55	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.21	20.64	279.85	Maintenance	Maintenance	Maintenance	
24/10/2024 01:10	11.86	8.23	112.11	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.73	20.63	281.1	Maintenance	Maintenance	Maintenance	
24/10/2024 01:15	11.95	8.21	111.28	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.98	20.59	279.12	Maintenance	Maintenance	Maintenance	
24/10/2024 01:20	12.12	8.18	110.76	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.4	20.52	277.87	Maintenance	Maintenance	Maintenance	
24/10/2024 01:25	11.86	8.19	111.36	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.75	20.56	279.43	Maintenance	Maintenance	Maintenance	
24/10/2024 01:30	11.91	8.23	111.17	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.88	20.64	278.87	Maintenance	Maintenance	Maintenance	
24/10/2024 01:35	11.9	8.21	111.44	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.84	20.59	279.37	Maintenance	Maintenance	Maintenance	
24/10/2024 01:40	11.93	8.3	111.93	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.95	20.83	280.95	Maintenance	Maintenance	Maintenance	
24/10/2024 01:45	11.8	8.32	112.98	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.62	20.89	283.56	Maintenance	Maintenance	Maintenance	
24/10/2024 01:50	11.92	8.4	112.48	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.92	21.09	282.35	Maintenance	Maintenance	Maintenance	
24/10/2024 01:55	11.87	8.35	112.6	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.77	20.94	282.45	Maintenance	Maintenance	Maintenance	
24/10/2024 02:00	11.91	8.35	112.3	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.89	20.95	281.86	Maintenance	Maintenance	Maintenance	
24/10/2024 02:05	11.89	8.3	111.87	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.84	20.83	280.71	Maintenance	Maintenance	Maintenance	
24/10/2024 02:10	11.88	8.31	112.18	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.81	20.86	281.52	Maintenance	Maintenance	Maintenance	
24/10/2024 02:15	11.88	8.36	112.57	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.8	20.97	282.38	Maintenance	Maintenance	Maintenance	
24/10/2024 02:20	11.85	8.29	111.96	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.72	20.8	280.75	Maintenance	Maintenance	Maintenance	
24/10/2024 02:25	11.78	8.34	112.06	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.55	20.91	281.09	Maintenance	Maintenance	Maintenance	
24/10/2024 02:30	11.74	8.3	112.13	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.44	20.81	281.2	Maintenance	Maintenance	Maintenance	
24/10/2024 02:35	11.93	8.3	110.99	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.93	20.82	278.39	Maintenance	Maintenance	Maintenance	
24/10/2024 02:40	11.94	8.2	110.96	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.92	20.56	278.19	Maintenance	Maintenance	Maintenance	
24/10/2024 02:45	11.89	8.36	112.07	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.84	20.97	281.22	Maintenance	Maintenance	Maintenance	
24/10/2024 02:50	11.76	8.33	112.21	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.51	20.9	281.61	Maintenance	Maintenance	Maintenance	
24/10/2024 02:55	11.83	8.45	113.03	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.7	21.21	283.74	Maintenance	Maintenance	Maintenance	
24/10/2024 03:00	11.79	8.41	112.84	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.59	21.11	283.28	Maintenance	Maintenance	Maintenance	
24/10/2024 03:05	11.81	8.44	112.9	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.63	21.18	283.35	Maintenance	Maintenance	Maintenance	
24/10/2024 03:10	11.79	8.41	112.62	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.6	21.1	282.65	Maintenance	Maintenance	Maintenance	
24/10/2024 03:15	11.72	8.38	112.57	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.41	21.03	282.46	Maintenance	Maintenance	Maintenance	
24/10/2024 03:20	11.81	8.43	112.43	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.62	21.15	282.03	Maintenance	Maintenance	Maintenance	
24/10/2024 03:25	11.74	8.36	112.62	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.46	20.98	282.63	Maintenance	Maintenance	Maintenance	
24/10/2024 03:30	11.85	8.41	112.7	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.74	21.1	282.9	Maintenance	Maintenance	Maintenance	
24/10/2024 03:35	11.87	8.41	112.75	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.76	21.08	282.73	Maintenance	Maintenance	Maintenance	
24/10/2024 03:40	11.81	8.45	112.84	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.62	21.19	282.93	Maintenance	Maintenance	Maintenance	
24/10/2024 03:45	11.72	8.41	112.8	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.39	21.09	282.96	Maintenance	Maintenance	Maintenance	
24/10/2024 03:50	11.76	8.47	112.82	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.48	21.25	282.92	Maintenance	Maintenance	Maintenance	
24/10/2024 03:55	11.66	8.42	112.9	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.25	21.12	283.22	Maintenance	Maintenance	Maintenance	
24/10/2024 04:00	11.74	8.51	113.2	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.46	21.35	284.07	Maintenance	Maintenance	Maintenance	
24/10/2024 04:05	11.81	8.42	112.46	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.64	21.13	282.14	Maintenance	Maintenance	Maintenance	
24/10/2024 04:10	11.78	8.43	112.45	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.55	21.15	282.19	Maintenance	Maintenance	Maintenance	
24/10/2024 04:15	11.78	8.4	112.25	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.59	21.09	281.84	Maintenance	Maintenance	Maintenance	
24/10/2024 04:20	11.79	8.46	112.1	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.6	21.23	281.42	Maintenance	Maintenance	Maintenance	
24/10/2024 04:25	11.83	8.46	112.38	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.69	21.24	282.07	Maintenance	Maintenance	Maintenance	
24/10/2024 04:30	11.93	8.44	111.93	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.94	21.19	280.97	Maintenance	Maintenance	Maintenance	
24/10/2024 04:35	11.93	8.36	111.43	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.95	20.98	279.72	Maintenance	Maintenance	Maintenance	
24/10/2024 04:40	11.96	8.4	110.78	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.02	21.09	278.09	Maintenance	Maintenance	Maintenance	
24/10/2024 04:45	12.01	8.34	110.68	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.13	20.93	277.79	Maintenance	Maintenance	Maintenance	
24/10/2024 04:50	11.95	8.37	110.69	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.99	21	277.86	Maintenance	Maintenance	Maintenance	
24/10/2024 04:55	11.77	8.31	110.62	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.54	20.85	277.63	Maintenance	Maintenance	Maintenance	
24/10/2024 05:00	12.07	8.37	110.54	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.3	21.01	277.46	Maintenance	Maintenance	Maintenance	
24/10/2024 05:05	12.01	8.34	110.72	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.15	20.92	277.89	Maintenance	Maintenance	Maintenance	
24/10/2024 05:10	12.07	8.42	110.85	15.36	Maintenance	Maintenance	Maintenance	Maintenance	30.31	21.13	278.29	Maintenance	Maintenance	Maintenance	
24/10/2024 05:15	11.82	8.34	110.82	15.36	Maintenance	Maintenance	Maintenance	Maintenance	29.69	20.95	278.21	Maintenance	Maintenance	Maintenance	
24/10/2024 05:20</															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
24/10/2024 06:00	11.98	8.36	109.88	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.07	20.98	275.83	maintenanc	maintenanc	maintenanc	
24/10/2024 06:05	11.99	8.29	109.88	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.09	20.82	275.89	maintenanc	maintenanc	maintenanc	
24/10/2024 06:10	12.1	8.37	109.75	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.38	21	275.52	maintenanc	maintenanc	maintenanc	
24/10/2024 06:15	11.98	8.31	109.97	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.06	20.86	276	maintenanc	maintenanc	maintenanc	
24/10/2024 06:20	12.09	8.37	109.98	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.35	21	275.98	maintenanc	maintenanc	maintenanc	
24/10/2024 06:25	11.99	8.27	109.14	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.08	20.75	273.73	maintenanc	maintenanc	maintenanc	
24/10/2024 06:30	12.04	8.37	109.98	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.22	20.99	275.97	maintenanc	maintenanc	maintenanc	
24/10/2024 06:35	11.99	8.36	110	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.09	20.97	275.96	maintenanc	maintenanc	maintenanc	
24/10/2024 06:40	12	8.42	110.2	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.11	21.11	276.44	maintenanc	maintenanc	maintenanc	
24/10/2024 06:45	11.95	8.38	110.35	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.96	21.02	276.69	maintenanc	maintenanc	maintenanc	
24/10/2024 06:50	12.02	8.42	110.3	15.36	maintenanc	maintenanc	maintenanc	maintenanc	30.17	21.13	276.78	maintenanc	maintenanc	maintenanc	
24/10/2024 06:55	11.87	8.39	110.46	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.79	21.04	277.15	maintenanc	maintenanc	maintenanc	
24/10/2024 07:00	11.81	8.45	110.68	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.63	21.19	277.68	maintenanc	maintenanc	maintenanc	
24/10/2024 07:05	11.9	8.46	111.16	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.86	21.22	278.93	maintenanc	maintenanc	maintenanc	
24/10/2024 07:10	11.68	8.53	112.19	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.31	21.41	281.47	maintenanc	maintenanc	maintenanc	
24/10/2024 07:15	11.56	8.59	112.57	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29	21.55	282.36	maintenanc	maintenanc	maintenanc	
24/10/2024 07:20	11.48	8.55	112.81	15.36	maintenanc	maintenanc	maintenanc	maintenanc	28.8	21.46	283.05	maintenanc	maintenanc	maintenanc	
24/10/2024 07:25	11.57	8.57	112.77	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.02	21.51	282.96	maintenanc	maintenanc	maintenanc	
24/10/2024 07:30	11.68	8.54	112.5	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.31	21.44	282.31	maintenanc	maintenanc	maintenanc	
24/10/2024 07:35	11.59	8.54	112.37	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.07	21.41	281.89	maintenanc	maintenanc	maintenanc	
24/10/2024 07:40	11.68	8.48	111.91	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.29	21.26	280.59	maintenanc	maintenanc	maintenanc	
24/10/2024 07:45	11.7	8.44	111.7	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.34	21.17	280.04	maintenanc	maintenanc	maintenanc	
24/10/2024 07:50	11.86	8.46	111.17	15.36	maintenanc	maintenanc	maintenanc	maintenanc	29.75	21.23	278.89	maintenanc	maintenanc	maintenanc	
24/10/2024 07:55	11.61	8.44	112.05	15.35	maintenanc	maintenanc	maintenanc	maintenanc	29.08	21.13	280.61	maintenanc	maintenanc	maintenanc	
24/10/2024 08:00	11.81	8.53	112.74	15.35	maintenanc	maintenanc	maintenanc	maintenanc	29.57	21.36	282.34	maintenanc	maintenanc	maintenanc	
24/10/2024 08:05	11.74	8.45	112.06	15.35	maintenanc	maintenanc	maintenanc	maintenanc	29.39	21.16	280.63	maintenanc	maintenanc	maintenanc	
24/10/2024 08:10	11.61	8.46	112.56	15.34	maintenanc	maintenanc	maintenanc	maintenanc	29.05	21.17	281.63	maintenanc	maintenanc	maintenanc	
24/10/2024 08:15	11.75	8.5	113.28	15.34	maintenanc	maintenanc	maintenanc	maintenanc	29.38	21.25	283.31	maintenanc	maintenanc	maintenanc	
24/10/2024 08:20	11.59	8.42	112.85	15.34	maintenanc	maintenanc	maintenanc	maintenanc	28.99	21.06	282.24	maintenanc	maintenanc	maintenanc	
24/10/2024 08:25	11.94	8.4	112.12	15.34	maintenanc	maintenanc	maintenanc	maintenanc	29.86	21.01	280.38	maintenanc	maintenanc	maintenanc	
24/10/2024 08:30	11.94	8.32	111.48	15.34	maintenanc	maintenanc	maintenanc	maintenanc	29.85	20.78	278.58	maintenanc	maintenanc	maintenanc	
24/10/2024 08:35	12.13	8.26	109.94	15.34	maintenanc	maintenanc	maintenanc	maintenanc	30.31	20.65	274.82	maintenanc	maintenanc	maintenanc	
24/10/2024 08:40	12.12	8.08	108.89	15.34	maintenanc	maintenanc	maintenanc	maintenanc	30.28	20.21	272.16	maintenanc	maintenanc	maintenanc	
24/10/2024 08:45	12.08	8.08	109.01	15.34	maintenanc	maintenanc	maintenanc	maintenanc	30.2	20.22	272.63	maintenanc	maintenanc	maintenanc	
24/10/2024 08:50	12.22	8.07	108.64	15.34	maintenanc	maintenanc	maintenanc	maintenanc	30.55	20.17	271.56	maintenanc	maintenanc	maintenanc	
24/10/2024 08:55	12.25	8.01	108.46	15.34	maintenanc	maintenanc	maintenanc	maintenanc	30.59	20.02	270.93	maintenanc	maintenanc	maintenanc	
24/10/2024 09:00	12.29	8.01	107.96	15.34	maintenanc	maintenanc	maintenanc	maintenanc	30.71	20.01	269.7	maintenanc	maintenanc	maintenanc	
24/10/2024 09:05	12.4	7.91	107.1	15.34	maintenanc	maintenanc	maintenanc	maintenanc	31	19.77	267.64	maintenanc	maintenanc	maintenanc	
24/10/2024 09:10	12.61	7.89	106.64	15.34	maintenanc	maintenanc	maintenanc	maintenanc	31.52	19.73	266.6	maintenanc	maintenanc	maintenanc	
24/10/2024 09:15	12.5	7.88	106.44	15.34	maintenanc	maintenanc	maintenanc	maintenanc	31.23	19.7	266.07	maintenanc	maintenanc	maintenanc	
24/10/2024 09:20	12.5	7.83	106.48	15.34	maintenanc	maintenanc	maintenanc	maintenanc	31.24	19.56	266.11	maintenanc	maintenanc	maintenanc	
24/10/2024 09:25	12.59	7.89	106.3	15.34	maintenanc	maintenanc	maintenanc	maintenanc	31.48	19.71	265.68	maintenanc	maintenanc	maintenanc	
24/10/2024 09:30	12.58	7.83	107.08	15.33	maintenanc	maintenanc	maintenanc	maintenanc	31.4	19.55	267.37	maintenanc	maintenanc	maintenanc	
24/10/2024 09:35	12.49	7.89	106.74	15.33	maintenanc	maintenanc	maintenanc	maintenanc	31.17	19.68	266.37	maintenanc	maintenanc	maintenanc	
24/10/2024 09:40	12.47	7.8	106.06	15.33	maintenanc	maintenanc	maintenanc	maintenanc	31.12	19.48	264.68	maintenanc	maintenanc	maintenanc	
24/10/2024 09:45	12.74	7.74	105.22	15.33	maintenanc	maintenanc	maintenanc	maintenanc	31.8	19.32	262.61	maintenanc	maintenanc	maintenanc	
24/10/2024 09:50	12.63	7.74	104.82	15.33	maintenanc	maintenanc	maintenanc	maintenanc	31.52	19.32	261.6	maintenanc	maintenanc	maintenanc	
24/10/2024 09:55	12.67	7.65	104.92	15.33	maintenanc	maintenanc	maintenanc	maintenanc	31.6	19.07	261.62	maintenanc	maintenanc	maintenanc	
24/10/2024 10:00	12.73	7.73	104.93	15.32	maintenanc	maintenanc	maintenanc	maintenanc	31.73	19.26	261.52	maintenanc	maintenanc	maintenanc	
24/10/2024 10:05	12.7	7.63	105.32	15.32	maintenanc	maintenanc	maintenanc	maintenanc	31.65	19.02	262.44	maintenanc	maintenanc	maintenanc	
24/10/2024 10:10	12.5	7.67	104.93	15.32	maintenanc	maintenanc	maintenanc	maintenanc	31.15	19.12	261.48	maintenanc	maintenanc	maintenanc	
24/10/2024 10:15	12.72	7.6	104.95	15.32	maintenanc	maintenanc	maintenanc	maintenanc	31.66	18.92	261.35	maintenanc	maintenanc	maintenanc	
24/10/2024 10:20	12.67	7.66	105.13	15.32	maintenanc	maintenanc	maintenanc	maintenanc	31.55	19.07	261.77	maintenanc	maintenanc	maintenanc	
24/10/2024 10:25	12.8	7.58	104.47	15.31	maintenanc	maintenanc	maintenanc	maintenanc	31.84	18.87	259.94	maintenanc	maintenanc	maintenanc	
24/10/2024 10:30	12.7	7.57	104.51	15.31	maintenanc	maintenanc	maintenanc	maintenanc	31.57	18.82	259.86	maintenanc	maintenanc	maintenanc	
24/10/2024 10:35	12.77	7.48	104.09	15.31	maintenanc	maintenanc	maintenanc	maintenanc	31.73	18.59	258.75	maintenanc	maintenanc	maintenanc	
24/10/2024 10:40	12.78	7.52	104.39	15.31	maintenanc	maintenanc	maintenanc	maintenanc	31.77	18.69	259.38	maintenanc	maintenanc	maintenanc	
24/10/2024 10:45	12.73	7.47	104.2	15.3	maintenanc	maintenanc	maintenanc	maintenanc	31.63	18.57	258.87	maintenanc	maintenanc	maintenanc	
24/10/2024 10:50	12.56	7.49	104.66	15.3	maintenanc	maintenanc	maintenanc	maintenanc	31.19	18.61	259.99	maintenanc	maintenanc	maintenanc	
24/10/2024 10:55	12.74	7.42	104.6	15.3	maintenanc	maintenanc	maintenanc	maintenanc	31.62	18.42	259.71	maintenanc	maintenanc	maintenanc	
24/10/2024 11:00	12.71	7.46	104.43	15.3	maintenanc	maintenanc	maintenanc	maintenanc	31.55	18.52	259.21	maintenanc	maintenanc	maintenanc	
24/10/2024 11:05	12.75	7.39	104.73	15.29	maintenanc	maintenanc	maintenanc	maintenanc	31.6	18.32	259.64	maintenanc	maintenanc	maintenanc	
24/10/2024 11:10	12.76	7.43	104.7	15.29	maintenanc	maintenanc	maintenanc	maintenanc	31.64	18.42	259.52	maintenanc	maintenanc	maintenanc	
24/10/2024 11:15	12.82	7.32	104.86	15.29	maintenanc	maintenanc	maintenanc	maintenanc	31.75	18.12	259.73	maintenanc	maintenanc	maintenanc	
24/10/2024 11:20	12.82	7.42	105.22	15.29	maintenanc	maintenanc	maintenanc	maintenanc	31.75	18.37	260.61	maintenanc	maintenanc	maintenanc	
24/10/2024 11:25	12.62	7.47	105.54	15.29	maintenanc	maintenanc	maintenanc	maintenanc	31.27	18.5	261.51	maintenanc	maintenanc	maintenanc	
24/10/2024 11:30	12.6	7.29	105.74	15.28	maintenanc	maintenanc	maintenanc	maintenanc	31.18	18.04	261.7	maintenanc	maintenanc	maintenanc	
24/10/2024 11:35	12.66	7.41	105.63	15.28	maintenanc	maintenanc	maintenanc	maintenanc	31.33	18.35	261.37	maintenanc	maintenanc	maintenanc	
24/10/2024 11:40	12.73	7.43	105.93	15.28	maintenanc	maintenanc	maintenanc	maintenanc	31.48	18.37	261.98	maintenanc	maintenanc	maintenanc	
24/10/2024 11:45	12.73	7.43	106.36	15.27	maintenanc	maintenanc	maintenanc	maintenanc	31.46	18.35	262.81	maintenanc	maintenanc	maintenanc	
24/10/2024 11:50	12.65	7.38	106.57	15.27	maintenanc	maintenanc	maintenanc	maintenanc	31.21	18.22	263.01	maintenanc	maintenanc	maintenanc	
24/10/2024 11:55	12.51	7.16	106.46	15.25	maintenanc	maintenanc	maintenanc	maintenanc	30.81	17.62	262.11	maintenanc	maintenanc	maintenanc	
24/10/2024 12:00	12.26	7.27	105.96	15.25	maintenanc	maintenanc	maintenanc	maintenanc	30.17	17.9	260.76	maintenanc	maintenanc	maintenanc	
24/10/2024 12:05	12.47	7.22	106.88	15.24	maintenanc	maintenanc	maintenanc	maintenanc	30.64	17.74	262.69	maintenanc	maintenanc	maintenanc	
24/10/2024 12:10	12.23	7.06	106.09	15.25	maintenanc	maintenanc	maintenanc	maintenanc	30.07	17.36	260.89	maintenanc	maintenanc	maintenanc	
24/10/2024 12:15	12.07	7.12	106.17	15.27	maintenanc	maintenanc	maintenanc	maintenanc	29.83	17.59	262.32	maintenanc	maintenanc	maintenanc	
24/10/2024 12:20	11.98	7.24	107.3	15.31	maintenanc	maintenanc	maintenanc	maintenanc	29.8	18.02	266.95	maintenanc	maintenanc	maintenanc	
24/10/2024 12:25	11.93	7.31	107.33	15.35	maintenanc	maintenanc	maintenanc</								



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
24/10/2024 13:45	11.89	7.57	107.58	15.57	maintenanc	maintenanc	maintenanc	maintenanc	31.02	19.77	280.75	maintenanc	maintenanc	maintenanc	
24/10/2024 13:50	12.1	7.52	107.47	15.59	maintenanc	maintenanc	maintenanc	maintenanc	31.66	19.67	281.14	maintenanc	maintenanc	maintenanc	
24/10/2024 13:55	12.1	7.47	106.97	15.59	maintenanc	maintenanc	maintenanc	maintenanc	31.71	19.58	280.25	maintenanc	maintenanc	maintenanc	
24/10/2024 14:00	11.97	7.47	106.82	15.6	maintenanc	maintenanc	maintenanc	maintenanc	31.38	19.58	280.16	maintenanc	maintenanc	maintenanc	
24/10/2024 14:05	11.96	7.44	106.82	15.6	maintenanc	maintenanc	maintenanc	maintenanc	31.38	19.54	280.3	maintenanc	maintenanc	maintenanc	
24/10/2024 14:10	11.97	7.43	106.84	15.61	maintenanc	maintenanc	maintenanc	maintenanc	31.43	19.51	280.5	maintenanc	maintenanc	maintenanc	
24/10/2024 14:15	12.1	7.37	106.29	15.61	maintenanc	maintenanc	maintenanc	maintenanc	31.79	19.38	279.28	maintenanc	maintenanc	maintenanc	
24/10/2024 14:20	11.87	7.42	106.83	15.61	maintenanc	maintenanc	maintenanc	maintenanc	31.19	19.49	280.66	maintenanc	maintenanc	maintenanc	
24/10/2024 14:25	11.83	7.45	107.44	15.61	maintenanc	maintenanc	maintenanc	maintenanc	31.12	19.59	282.55	maintenanc	maintenanc	maintenanc	
24/10/2024 14:30	11.85	7.47	107.26	15.62	maintenanc	maintenanc	maintenanc	maintenanc	31.17	19.64	282.13	maintenanc	maintenanc	maintenanc	
24/10/2024 14:35	11.61	7.37	107.13	15.6	maintenanc	maintenanc	maintenanc	maintenanc	30.44	19.34	280.9	maintenanc	maintenanc	maintenanc	
24/10/2024 14:40	11.59	7.45	107.41	15.58	maintenanc	maintenanc	maintenanc	maintenanc	30.26	19.45	280.42	maintenanc	maintenanc	maintenanc	
24/10/2024 14:45	11.5	7.74	107.52	15.52	maintenanc	maintenanc	maintenanc	maintenanc	29.7	20	277.74	maintenanc	maintenanc	maintenanc	
24/10/2024 14:50	12.52	8.13	107.97	15.48	maintenanc	maintenanc	maintenanc	maintenanc	32.09	20.86	276.81	maintenanc	maintenanc	maintenanc	
24/10/2024 14:55	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:00	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:05	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:10	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:15	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:20	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:25	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:30	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:35	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:40	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:45	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:50	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 15:55	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 16:00	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 16:05	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	maintenanc	
24/10/2024 16:10	11.45	8.18	107.59	15.43	7.4	3.1	69.04	15.58	29.09	20.76	273.24	19.34	8.09	180.4	
24/10/2024 16:15	11.45	8.18	107.59	15.43	8.1	2.89	69.33	15.56	29.09	20.76	273.24	21.1	7.52	180.52	
24/10/2024 16:20	11.45	8.18	107.59	15.43	7.96	2.69	68.84	15.57	29.09	20.76	273.24	20.73	7	179.35	
24/10/2024 16:25	11.45	8.18	107.59	15.43	7.78	2.24	68.77	15.57	29.09	20.76	273.24	20.28	5.84	179.18	
24/10/2024 16:30	10.04	6.94	107.13	15.45	7.95	2.77	70.08	15.59	25.58	17.66	273.11	20.8	7.24	183.29	
24/10/2024 16:35	6.51	4.61	110.79	15.48	8.41	3.14	70.77	15.59	16.71	11.83	284.31	21.99	8.22	185.1	
24/10/2024 16:40	6.7	4.72	110.36	15.5	6.16	1.91	62.04	16.37	17.24	12.14	283.83	18.98	5.87	189.91	
24/10/2024 16:45	6.33	4.35	108.16	15.59	5.69	1.78	55.35	16.88	16.58	11.33	282.29	19.69	6.16	191.45	
24/10/2024 16:50	6.48	4.75	110.88	15.6	5.69	1.81	54.94	16.92	17.01	12.48	291	19.84	6.33	191.66	
24/10/2024 16:55	6.63	4.74	111.02	15.62	2.56	1.12	23.38	19.73	17.45	12.48	292.45	33.14	13.74	284.11	
24/10/2024 17:00	6.07	4.43	107.99	15.83	2.27	0.8	18.34	19.96	17.31	12.35	296.08	34.61	12.6	273.93	
24/10/2024 17:05	6.74	4.84	111.41	15.62	2.16	0.97	16.23	20.1	17.74	12.75	293.33	37.39	16.81	281.52	
24/10/2024 17:10	6.58	4.85	111.27	15.61	2.93	0.71	24.21	19.4	17.29	12.74	292.41	160.84	28.57	535.32	
24/10/2024 17:15	6.08	4.45	106.5	15.81	2.52	0.56	9.03	20.7	22.3	14.21	444.57	227.22	47.96	734.99	
24/10/2024 17:20	6.94	5.08	111.91	15.61	2.81	0.53	7.88	20.78	18.24	13.35	294.06	338.11	63.9	946.7	
24/10/2024 17:25	6.89	5.1	112.06	15.58	3.25	1.29	30.07	18.8	17.99	13.3	292.52	21.88	9.28	199.34	
24/10/2024 17:30	6.06	4.71	109.76	15.67	2.12	1.33	18.1	19.71	16.8	12.86	299.17	25.64	16.2	212.87	
24/10/2024 17:35	5.88	4.92	111.95	15.41	maintenanc	maintenanc	maintenanc	maintenanc	14.89	12.46	283.49	maintenanc	maintenanc	maintenanc	
24/10/2024 17:40	5.93	5.03	112.03	15.45	maintenanc	maintenanc	maintenanc	maintenanc	15.13	12.82	285.69	maintenanc	maintenanc	maintenanc	
24/10/2024 17:45	6.16	5.11	112.24	15.52	maintenanc	maintenanc	maintenanc	maintenanc	15.91	13.2	289.89	maintenanc	maintenanc	maintenanc	
24/10/2024 17:50	6.26	5.15	111.8	15.58	maintenanc	maintenanc	maintenanc	maintenanc	16.36	13.46	292.22	maintenanc	maintenanc	maintenanc	
24/10/2024 17:55	6.35	5.18	111.26	15.63	maintenanc	maintenanc	maintenanc	maintenanc	16.76	13.68	293.65	maintenanc	maintenanc	maintenanc	
24/10/2024 18:00	6.42	5.23	110.87	15.67	maintenanc	maintenanc	maintenanc	maintenanc	17.07	13.92	294.92	maintenanc	maintenanc	maintenanc	
24/10/2024 18:05	6.49	5.31	111.58	15.7	maintenanc	maintenanc	maintenanc	maintenanc	17.34	14.2	298.23	maintenanc	maintenanc	maintenanc	
24/10/2024 18:10	6.57	5.32	111.56	15.72	maintenanc	maintenanc	maintenanc	maintenanc	17.65	14.3	299.59	maintenanc	maintenanc	maintenanc	
24/10/2024 18:15	6.5	5.37	112.04	15.74	maintenanc	maintenanc	maintenanc	maintenanc	17.53	14.46	301.93	maintenanc	maintenanc	maintenanc	
24/10/2024 18:20	6.58	5.4	111.84	15.75	maintenanc	maintenanc	maintenanc	maintenanc	17.75	14.59	301.98	maintenanc	maintenanc	maintenanc	
24/10/2024 18:25	6.76	5.34	110.71	15.76	maintenanc	maintenanc	maintenanc	maintenanc	18.3	14.45	299.55	maintenanc	maintenanc	maintenanc	
24/10/2024 18:30	6.86	5.28	110.07	15.77	maintenanc	maintenanc	maintenanc	maintenanc	18.58	14.3	298.31	maintenanc	maintenanc	maintenanc	
24/10/2024 18:35	6.76	5.37	111.22	15.77	maintenanc	maintenanc	maintenanc	maintenanc	18.32	14.56	301.6	maintenanc	maintenanc	maintenanc	
24/10/2024 18:40	6.7	5.39	111.47	15.78	maintenanc	maintenanc	maintenanc	maintenanc	18.18	14.62	302.45	maintenanc	maintenanc	maintenanc	
24/10/2024 18:45	6.68	5.47	112.64	15.78	maintenanc	maintenanc	maintenanc	maintenanc	18.15	14.86	305.98	maintenanc	maintenanc	maintenanc	
24/10/2024 18:50	6.69	5.52	112.85	15.79	maintenanc	maintenanc	maintenanc	maintenanc	18.18	15	306.74	maintenanc	maintenanc	maintenanc	
24/10/2024 18:55	6.71	5.52	113.23	15.79	maintenanc	maintenanc	maintenanc	maintenanc	18.25	15.02	307.95	maintenanc	maintenanc	maintenanc	
24/10/2024 19:00	6.7	5.53	113.34	15.79	maintenanc	maintenanc	maintenanc	maintenanc	18.25	15.05	308.57	maintenanc	maintenanc	maintenanc	
24/10/2024 19:05	6.71	5.6	113.96	15.8	maintenanc	maintenanc	maintenanc	maintenanc	18.27	15.26	310.4	maintenanc	maintenanc	maintenanc	
24/10/2024 19:10	6.6	5.61	114.5	15.8	maintenanc	maintenanc	maintenanc	maintenanc	17.98	15.28	312.09	maintenanc	maintenanc	maintenanc	
24/10/2024 19:15	6.68	5.62	114.18	15.8	maintenanc	maintenanc	maintenanc	maintenanc	18.2	15.31	311.27	maintenanc	maintenanc	maintenanc	
24/10/2024 19:20	6.65	5.59	114.17	15.8	maintenanc	maintenanc	maintenanc	maintenanc	18.11	15.24	311.23	maintenanc	maintenanc	maintenanc	
24/10/2024 19:25	6.75	5.63	114.59	15.8	maintenanc	maintenanc	maintenanc	maintenanc	18.41	15.35	312.53	maintenanc	maintenanc	maintenanc	
24/10/2024 19:30	6.71	5.64	114.82	15.8	maintenanc	maintenanc	maintenanc	maintenanc	18.31	15.37	313.2	maintenanc	maintenanc	maintenanc	
24/10/2024 19:35	6.65	5.6	113.93	15.81	maintenanc	maintenanc	maintenanc	maintenanc	18.14	15.27	310.86	maintenanc	maintenanc	maintenanc	
24/10/2024 19:40	6.86	5.55	113.42	15.81	maintenanc	maintenanc	maintenanc	maintenanc	18.71	15.14	309.55	maintenanc	maintenanc	maintenanc	
24/10/2024 19:45	6.79	5.57	114	15.81	maintenanc	maintenanc	maintenanc	maintenanc	18.54	15.2	311.23	maintenanc	maintenanc	maintenanc	
24/10/2024 19:50	6.83	5.57	113.74	15.81	maintenanc	maintenanc	maintenanc	maintenanc	18.65	15.21	310.63	maintenanc	maintenanc	maintenanc	
24/10/2024 19:55	6.75	5.56	113.58	15.81	maintenanc	maintenanc	maintenanc	maintenanc	18.42	15.17	310.18	maintenanc	maintenanc	maintenanc	
24/10/2024 20:00	6.81	5.52	113.64	15.81	maintenanc	maintenanc	maintenanc	maintenanc	18.59	15.08	310.37	maintenanc	maintenanc	maintenanc	
24/10/2024 20:05	6.81	5.52	113.41	15.81	maintenanc	maintenanc	maintenanc	maintenanc	18.6	15.08	309.63	maintenanc	maintenanc	maintenanc	
24/10/2024 20:10	6.84	5.54	113.93	15.81	maintenanc	maintenanc	maintenanc	maintenanc	18.67	15.13	311.05	maintenanc	maintenanc	maintenanc	
24															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
24/10/2024 21:30	7.05	5.54	113.55	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.23	15.11	309.94	Maintenance	Maintenance	Maintenance	
24/10/2024 21:35	7.03	5.56	113.49	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.18	15.16	309.74	Maintenance	Maintenance	Maintenance	
24/10/2024 21:40	6.94	5.61	114.45	15.81	Maintenance	Maintenance	Maintenance	Maintenance	18.94	15.31	312.51	Maintenance	Maintenance	Maintenance	
24/10/2024 21:45	7.02	5.62	114.16	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.16	15.36	311.77	Maintenance	Maintenance	Maintenance	
24/10/2024 21:50	6.93	5.58	114	15.81	Maintenance	Maintenance	Maintenance	Maintenance	18.93	15.25	311.34	Maintenance	Maintenance	Maintenance	
24/10/2024 21:55	7.04	5.51	112.82	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.22	15.06	308.12	Maintenance	Maintenance	Maintenance	
24/10/2024 22:00	7.13	5.49	112.35	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.47	14.98	306.79	Maintenance	Maintenance	Maintenance	
24/10/2024 22:05	7.26	5.48	112.17	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.81	14.96	306.17	Maintenance	Maintenance	Maintenance	
24/10/2024 22:10	7.12	5.49	112.51	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.43	14.99	307.2	Maintenance	Maintenance	Maintenance	
24/10/2024 22:15	7.19	5.49	112.3	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.63	14.99	306.41	Maintenance	Maintenance	Maintenance	
24/10/2024 22:20	7.12	5.51	112.58	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.42	15.05	307.28	Maintenance	Maintenance	Maintenance	
24/10/2024 22:25	7.29	5.45	111.69	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.91	14.88	304.87	Maintenance	Maintenance	Maintenance	
24/10/2024 22:30	7.22	5.49	111.74	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.7	14.98	305.06	Maintenance	Maintenance	Maintenance	
24/10/2024 22:35	7.18	5.53	112.64	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.6	15.09	307.58	Maintenance	Maintenance	Maintenance	
24/10/2024 22:40	7.15	5.51	111.98	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.52	15.06	305.81	Maintenance	Maintenance	Maintenance	
24/10/2024 22:45	7.16	5.49	112.12	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.53	14.97	306.05	Maintenance	Maintenance	Maintenance	
24/10/2024 22:50	7.1	5.51	112.1	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.38	15.03	305.95	Maintenance	Maintenance	Maintenance	
24/10/2024 22:55	7.13	5.54	112.54	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.47	15.13	307.22	Maintenance	Maintenance	Maintenance	
24/10/2024 23:00	7.19	5.56	112.47	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.63	15.18	307.11	Maintenance	Maintenance	Maintenance	
24/10/2024 23:05	7.05	5.56	112.77	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.23	15.17	307.83	Maintenance	Maintenance	Maintenance	
24/10/2024 23:10	7.08	5.55	112.51	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.32	15.14	307.07	Maintenance	Maintenance	Maintenance	
24/10/2024 23:15	7.13	5.53	112.11	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.45	15.08	305.99	Maintenance	Maintenance	Maintenance	
24/10/2024 23:20	7.2	5.53	112.02	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.64	15.09	305.75	Maintenance	Maintenance	Maintenance	
24/10/2024 23:25	7.13	5.55	112.43	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.44	15.15	306.82	Maintenance	Maintenance	Maintenance	
24/10/2024 23:30	7.13	5.54	112.45	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.47	15.13	307	Maintenance	Maintenance	Maintenance	
24/10/2024 23:35	7.07	5.63	113.4	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.3	15.38	309.61	Maintenance	Maintenance	Maintenance	
24/10/2024 23:40	6.98	5.7	114.53	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.05	15.58	312.8	Maintenance	Maintenance	Maintenance	
24/10/2024 23:45	6.94	5.72	115.02	15.81	Maintenance	Maintenance	Maintenance	Maintenance	18.95	15.63	313.99	Maintenance	Maintenance	Maintenance	
24/10/2024 23:50	6.97	5.69	114.13	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.04	15.53	311.51	Maintenance	Maintenance	Maintenance	
24/10/2024 23:55	6.94	5.75	114.67	15.81	Maintenance	Maintenance	Maintenance	Maintenance	18.94	15.69	312.93	Maintenance	Maintenance	Maintenance	
25/10/2024 00:00	6.98	5.73	114.76	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.02	15.62	312.95	Maintenance	Maintenance	Maintenance	
25/10/2024 00:05	6.93	5.79	115.07	15.8	Maintenance	Maintenance	Maintenance	Maintenance	18.89	15.78	313.82	Maintenance	Maintenance	Maintenance	
25/10/2024 00:10	6.98	5.81	115.51	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.04	15.86	315.25	Maintenance	Maintenance	Maintenance	
25/10/2024 00:15	6.92	5.75	114.83	15.81	Maintenance	Maintenance	Maintenance	Maintenance	18.9	15.71	313.47	Maintenance	Maintenance	Maintenance	
25/10/2024 00:20	7.02	5.73	114.43	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.16	15.63	312.3	Maintenance	Maintenance	Maintenance	
25/10/2024 00:25	6.91	5.76	114.84	15.81	Maintenance	Maintenance	Maintenance	Maintenance	18.84	15.73	313.31	Maintenance	Maintenance	Maintenance	
25/10/2024 00:30	6.93	5.74	114.48	15.8	Maintenance	Maintenance	Maintenance	Maintenance	18.91	15.65	312.12	Maintenance	Maintenance	Maintenance	
25/10/2024 00:35	7.07	5.74	114.24	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.29	15.66	311.57	Maintenance	Maintenance	Maintenance	
25/10/2024 00:40	6.99	5.72	113.92	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.07	15.59	310.67	Maintenance	Maintenance	Maintenance	
25/10/2024 00:45	7.12	5.7	113.66	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.42	15.54	310.07	Maintenance	Maintenance	Maintenance	
25/10/2024 00:50	7.13	5.68	113.37	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.44	15.5	309.26	Maintenance	Maintenance	Maintenance	
25/10/2024 00:55	7.13	5.63	113.04	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.45	15.36	308.3	Maintenance	Maintenance	Maintenance	
25/10/2024 01:00	7.24	5.64	112.97	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.75	15.39	308.1	Maintenance	Maintenance	Maintenance	
25/10/2024 01:05	7.17	5.64	112.78	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.57	15.39	307.71	Maintenance	Maintenance	Maintenance	
25/10/2024 01:10	7.25	5.62	112.42	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.78	15.35	306.88	Maintenance	Maintenance	Maintenance	
25/10/2024 01:15	7.2	5.62	112.55	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.66	15.34	307.22	Maintenance	Maintenance	Maintenance	
25/10/2024 01:20	7.22	5.64	112.62	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.7	15.39	307.37	Maintenance	Maintenance	Maintenance	
25/10/2024 01:25	7.22	5.64	113	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.71	15.4	308.34	Maintenance	Maintenance	Maintenance	
25/10/2024 01:30	7.15	5.66	112.98	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.51	15.44	308.18	Maintenance	Maintenance	Maintenance	
25/10/2024 01:35	7.08	5.65	113.08	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.31	15.4	308.41	Maintenance	Maintenance	Maintenance	
25/10/2024 01:40	6.98	5.68	113.38	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.04	15.49	309.32	Maintenance	Maintenance	Maintenance	
25/10/2024 01:45	7.04	5.72	113.95	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.21	15.6	310.72	Maintenance	Maintenance	Maintenance	
25/10/2024 01:50	7.04	5.78	114.16	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.19	15.76	311.32	Maintenance	Maintenance	Maintenance	
25/10/2024 01:55	7.08	5.71	113.61	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.31	15.56	309.79	Maintenance	Maintenance	Maintenance	
25/10/2024 02:00	7.17	5.74	113.92	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.56	15.66	310.65	Maintenance	Maintenance	Maintenance	
25/10/2024 02:05	7.1	5.68	113.32	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.36	15.5	308.98	Maintenance	Maintenance	Maintenance	
25/10/2024 02:10	7.18	5.69	113.2	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.57	15.52	308.65	Maintenance	Maintenance	Maintenance	
25/10/2024 02:15	7.15	5.65	112.63	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.51	15.4	307.1	Maintenance	Maintenance	Maintenance	
25/10/2024 02:20	7.2	5.62	112.32	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.62	15.34	306.32	Maintenance	Maintenance	Maintenance	
25/10/2024 02:25	7.15	5.66	112.93	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.51	15.44	308.07	Maintenance	Maintenance	Maintenance	
25/10/2024 02:30	7.08	5.69	113.06	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.3	15.5	308.26	Maintenance	Maintenance	Maintenance	
25/10/2024 02:35	7.13	5.66	112.97	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.46	15.44	308.11	Maintenance	Maintenance	Maintenance	
25/10/2024 02:40	7.32	5.62	112	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.98	15.34	305.76	Maintenance	Maintenance	Maintenance	
25/10/2024 02:45	7.37	5.56	111.26	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.13	15.18	303.81	Maintenance	Maintenance	Maintenance	
25/10/2024 02:50	7.31	5.61	112.23	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.95	15.31	306.43	Maintenance	Maintenance	Maintenance	
25/10/2024 02:55	7.07	5.67	112.86	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.3	15.48	307.96	Maintenance	Maintenance	Maintenance	
25/10/2024 03:00	7.21	5.69	112.94	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.68	15.54	308.31	Maintenance	Maintenance	Maintenance	
25/10/2024 03:05	7.15	5.73	113.22	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.51	15.63	309.01	Maintenance	Maintenance	Maintenance	
25/10/2024 03:10	7.26	5.74	113.36	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.81	15.65	309.33	Maintenance	Maintenance	Maintenance	
25/10/2024 03:15	7.16	5.74	113	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.56	15.66	308.41	Maintenance	Maintenance	Maintenance	
25/10/2024 03:20	7.21	5.73	112.98	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.68	15.63	308.37	Maintenance	Maintenance	Maintenance	
25/10/2024 03:25	7.17	5.69	112.46	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.55	15.53	306.87	Maintenance	Maintenance	Maintenance	
25/10/2024 03:30	7.25	5.67	111.81	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.77	15.46	305.09	Maintenance	Maintenance	Maintenance	
25/10/2024 03:35	7.34	5.68	111.75	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.02	15.49	304.89	Maintenance	Maintenance	Maintenance	
25/10/2024 03:40	7.26	5.67	111.92	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.79	15.46	305.28	Maintenance	Maintenance	Maintenance	
25/10/2024 03:45	7.38	5.64	111.39	15.8	Maintenance	Maintenance	Maintenance	Maintenance	20.14	15.4	303.84	Maintenance	Maintenance	Maintenance	
25/10/2024 03:50	7.26	5.67	112.09	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.84	15.48	306.14	Maintenance	Maintenance	Maintenance	
25/10/2024 03:55	7.36	5.68	111.75	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.1	15.5	305.18	Maintenance	Maintenance	Maintenance	
25/10/2024 04:00	7.22	5.67	112.14	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.72	15.49	306.28	Maintenance	Maintenance	Maintenance	
25/10/2024 04:05	7.19	5.74	112.63	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.63	15.66	307.52	Maintenance	Maintenance	Maintenance	
25/10/2024 04:10	7.25	5.75	112.99	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.78	15.69	308.47	Maintenance	Maintenance	Maintenance	
25/10/2024 04:15	7.16	5.79	113.49	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.53	15.8	309.8	Maintenance	Maintenance	Maintenance	
25/10/2024 04:20	7.12	5.77	113.46	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.45	15.75	309.82	Maintenance	Maintenance	Maintenance	
25/10/2024 04:25	7.07	5.82	113.89	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.31	15.89	311.03	Maintenance	Maintenance	Maintenance	
25/10/2024 04:30	7.19	5.79	113.68	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.64	15.8	310.3	Maintenance	Maintenance	Maintenance	
25/10/2024 04:35	7.3	5.83	113.68	15.8	Maintenance	Maintenance	Maintenance	Maintenance	19.92	15.91	310.09	Maintenance	Maintenance	Maintenance</	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/10/2024 05:15	7.36	5.66	111.43	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.08	15.45	304.15	Maintenance	Maintenance	Maintenance	
25/10/2024 05:20	7.52	5.56	110.38	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.52	15.18	301.25	Maintenance	Maintenance	Maintenance	
25/10/2024 05:25	7.23	5.69	111.69	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.75	15.52	304.92	Maintenance	Maintenance	Maintenance	
25/10/2024 05:30	7.14	5.8	113.28	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.48	15.84	309.21	Maintenance	Maintenance	Maintenance	
25/10/2024 05:35	7.14	5.86	113.99	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.47	15.98	311.02	Maintenance	Maintenance	Maintenance	
25/10/2024 05:40	7.17	5.83	113.95	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.57	15.93	311.1	Maintenance	Maintenance	Maintenance	
25/10/2024 05:45	7.22	5.83	113.53	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.73	15.92	310.16	Maintenance	Maintenance	Maintenance	
25/10/2024 05:50	7.15	5.84	113.67	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.53	15.95	310.52	Maintenance	Maintenance	Maintenance	
25/10/2024 05:55	7.15	5.89	114.43	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.54	16.09	312.63	Maintenance	Maintenance	Maintenance	
25/10/2024 06:00	7.15	5.88	114.17	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.52	16.05	311.7	Maintenance	Maintenance	Maintenance	
25/10/2024 06:05	7.15	5.87	113.76	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.51	16.03	310.41	Maintenance	Maintenance	Maintenance	
25/10/2024 06:10	7.07	5.85	113.76	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.29	15.98	310.62	Maintenance	Maintenance	Maintenance	
25/10/2024 06:15	7.21	5.79	112.74	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.69	15.8	307.77	Maintenance	Maintenance	Maintenance	
25/10/2024 06:20	7.27	5.7	111.8	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.84	15.57	305.29	Maintenance	Maintenance	Maintenance	
25/10/2024 06:25	7.25	5.74	112.35	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.79	15.68	306.82	Maintenance	Maintenance	Maintenance	
25/10/2024 06:30	7.22	5.75	112.38	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.71	15.69	306.78	Maintenance	Maintenance	Maintenance	
25/10/2024 06:35	7.18	5.74	112.52	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.61	15.67	307.23	Maintenance	Maintenance	Maintenance	
25/10/2024 06:40	7.23	5.78	112.46	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.75	15.78	307.12	Maintenance	Maintenance	Maintenance	
25/10/2024 06:45	7.19	5.78	112.83	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.63	15.77	308.13	Maintenance	Maintenance	Maintenance	
25/10/2024 06:50	7.15	5.77	112.71	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.53	15.74	307.69	Maintenance	Maintenance	Maintenance	
25/10/2024 06:55	7.22	5.79	112.98	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.72	15.82	308.48	Maintenance	Maintenance	Maintenance	
25/10/2024 07:00	7.23	5.79	112.63	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.75	15.8	307.54	Maintenance	Maintenance	Maintenance	
25/10/2024 07:05	7.19	5.72	111.86	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.62	15.6	305.23	Maintenance	Maintenance	Maintenance	
25/10/2024 07:10	7.25	5.79	112.44	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.78	15.79	306.81	Maintenance	Maintenance	Maintenance	
25/10/2024 07:15	7.16	5.83	113.04	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.54	15.9	308.41	Maintenance	Maintenance	Maintenance	
25/10/2024 07:20	7.26	5.8	112.5	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.83	15.84	307.12	Maintenance	Maintenance	Maintenance	
25/10/2024 07:25	7.33	5.75	111.81	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.01	15.71	305.22	Maintenance	Maintenance	Maintenance	
25/10/2024 07:30	7.34	5.76	111.83	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.03	15.73	305.39	Maintenance	Maintenance	Maintenance	
25/10/2024 07:35	7.42	5.68	110.52	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.26	15.51	301.8	Maintenance	Maintenance	Maintenance	
25/10/2024 07:40	7.31	5.68	110.55	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.96	15.51	302.11	Maintenance	Maintenance	Maintenance	
25/10/2024 07:45	7.4	5.71	111.17	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.22	15.6	303.83	Maintenance	Maintenance	Maintenance	
25/10/2024 07:50	7.34	5.69	111.01	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.07	15.56	303.48	Maintenance	Maintenance	Maintenance	
25/10/2024 07:55	7.39	5.7	111.18	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.19	15.59	303.91	Maintenance	Maintenance	Maintenance	
25/10/2024 08:00	7.37	5.74	111.76	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.17	15.69	305.71	Maintenance	Maintenance	Maintenance	
25/10/2024 08:05	7.42	5.69	111.85	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.29	15.58	305.94	Maintenance	Maintenance	Maintenance	
25/10/2024 08:10	7.41	5.71	111.94	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.26	15.61	306.09	Maintenance	Maintenance	Maintenance	
25/10/2024 08:15	7.31	5.72	111.83	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.97	15.62	305.63	Maintenance	Maintenance	Maintenance	
25/10/2024 08:20	7.27	5.75	112.61	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.87	15.7	307.68	Maintenance	Maintenance	Maintenance	
25/10/2024 08:25	7.27	5.72	112.45	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.87	15.63	307.26	Maintenance	Maintenance	Maintenance	
25/10/2024 08:30	7.35	5.67	111.9	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.08	15.5	305.86	Maintenance	Maintenance	Maintenance	
25/10/2024 08:35	7.46	5.67	111.8	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.4	15.5	305.8	Maintenance	Maintenance	Maintenance	
25/10/2024 08:40	7.39	5.69	112.06	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.22	15.56	306.51	Maintenance	Maintenance	Maintenance	
25/10/2024 08:45	7.45	5.65	112.03	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.38	15.45	306.38	Maintenance	Maintenance	Maintenance	
25/10/2024 08:50	7.49	5.63	111.38	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.48	15.4	304.55	Maintenance	Maintenance	Maintenance	
25/10/2024 08:55	7.41	5.6	110.93	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.28	15.31	303.4	Maintenance	Maintenance	Maintenance	
25/10/2024 09:00	7.57	5.52	109.89	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.7	15.09	300.59	Maintenance	Maintenance	Maintenance	
25/10/2024 09:05	7.73	5.4	108.58	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.16	14.76	297.03	Maintenance	Maintenance	Maintenance	
25/10/2024 09:10	7.83	5.33	107.69	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.44	14.58	294.71	Maintenance	Maintenance	Maintenance	
25/10/2024 09:15	7.73	5.36	108.11	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.15	14.67	295.88	Maintenance	Maintenance	Maintenance	
25/10/2024 09:20	7.63	5.39	108.74	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.9	14.77	297.73	Maintenance	Maintenance	Maintenance	
25/10/2024 09:25	7.62	5.34	108.06	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.88	14.63	295.98	Maintenance	Maintenance	Maintenance	
25/10/2024 09:30	7.76	5.37	108.47	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.26	14.72	297.24	Maintenance	Maintenance	Maintenance	
25/10/2024 09:35	7.63	5.42	109.55	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.9	14.85	300.04	Maintenance	Maintenance	Maintenance	
25/10/2024 09:40	7.66	5.42	109.34	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.97	14.86	299.51	Maintenance	Maintenance	Maintenance	
25/10/2024 09:45	7.69	5.37	108.55	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.08	14.71	297.41	Maintenance	Maintenance	Maintenance	
25/10/2024 09:50	7.72	5.35	108.51	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.16	14.65	297.39	Maintenance	Maintenance	Maintenance	
25/10/2024 09:55	7.61	5.37	108.88	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.86	14.72	298.23	Maintenance	Maintenance	Maintenance	
25/10/2024 10:00	7.52	5.37	109.18	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.61	14.72	299.18	Maintenance	Maintenance	Maintenance	
25/10/2024 10:05	7.59	5.38	109.14	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.82	14.76	299.29	Maintenance	Maintenance	Maintenance	
25/10/2024 10:10	7.53	5.35	108.72	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.65	14.68	298.24	Maintenance	Maintenance	Maintenance	
25/10/2024 10:15	7.55	5.34	108.82	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.7	14.66	298.51	Maintenance	Maintenance	Maintenance	
25/10/2024 10:20	7.5	5.34	108.7	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.58	14.65	298.21	Maintenance	Maintenance	Maintenance	
25/10/2024 10:25	7.61	5.3	108.68	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.88	14.55	298.24	Maintenance	Maintenance	Maintenance	
25/10/2024 10:30	7.46	5.28	108.52	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.47	14.5	297.82	Maintenance	Maintenance	Maintenance	
25/10/2024 10:35	7.41	5.22	107.76	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.33	14.33	295.63	Maintenance	Maintenance	Maintenance	
25/10/2024 10:40	7.58	5.2	107.6	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.8	14.27	295.26	Maintenance	Maintenance	Maintenance	
25/10/2024 10:45	7.49	5.17	107.83	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.54	14.19	295.82	Maintenance	Maintenance	Maintenance	
25/10/2024 10:50	7.51	5.17	107.91	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.61	14.18	296.07	Maintenance	Maintenance	Maintenance	
25/10/2024 10:55	7.57	5.16	107.87	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.75	14.15	295.86	Maintenance	Maintenance	Maintenance	
25/10/2024 11:00	7.49	5.14	107.32	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.53	14.08	294.3	Maintenance	Maintenance	Maintenance	
25/10/2024 11:05	7.63	5.1	107.03	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.95	13.98	293.67	Maintenance	Maintenance	Maintenance	
25/10/2024 11:10	7.65	5.02	106.23	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.99	13.79	291.53	Maintenance	Maintenance	Maintenance	
25/10/2024 11:15	7.67	5.03	106.62	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.07	13.81	292.8	Maintenance	Maintenance	Maintenance	
25/10/2024 11:20	7.69	5.08	107.05	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.13	13.97	294.13	Maintenance	Maintenance	Maintenance	
25/10/2024 11:25	7.66	5.05	107.39	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.04	13.86	294.82	Maintenance	Maintenance	Maintenance	
25/10/2024 11:30	7.67	5.01	106.73	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.06	13.74	293	Maintenance	Maintenance	Maintenance	
25/10/2024 11:35	7.86	4.97	105.7	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.58	13.64	290.12	Maintenance	Maintenance	Maintenance	
25/10/2024 11:40	7.71	4.98	106.29	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.16	13.66	291.85	Maintenance	Maintenance	Maintenance	
25/10/2024 11:45	7.75	5	106.69	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.3	13.74	293.12	Maintenance	Maintenance	Maintenance	
25/10/2024 11:50	7.64	4.99	106.73	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21	13.72	293.29	Maintenance	Maintenance	Maintenance	
25/10/2024 11:55	7.71	4.95	106.14	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.18	13.59	291.53	Maintenance	Maintenance	Maintenance	
25/10/2024 12:00	7.65	4.95	106.43	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.01	13.59	292.26	Maintenance	Maintenance	Maintenance	
25/10/2024 12:05	7.63	4.94	106.16	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.96	13.58	291.66	Maintenance	Maintenance	Maintenance	
25/10/2024 12:10	7.57	4.97	106.7	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.81	13.67	293.31	Maintenance	Maintenance	Maintenance	
25/10/2024 12:15	7.49	4.94	106.47	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.6	13.58	292.76	Maintenance	Maintenance	Maintenance	
25/10/2024 12:20	7.69	4.96	106.72	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.17	13.					



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/10/2024 13:00	7.58	4.91	106.91	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.86	13.53	294.24	Maintenance	Maintenance	Maintenance	
25/10/2024 13:05	7.45	4.92	107.22	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.5	13.54	295	Maintenance	Maintenance	Maintenance	
25/10/2024 13:10	7.54	4.89	106.99	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.75	13.46	294.37	Maintenance	Maintenance	Maintenance	
25/10/2024 13:15	7.54	4.89	107.39	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.74	13.46	295.56	Maintenance	Maintenance	Maintenance	
25/10/2024 13:20	7.59	4.82	106.48	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.89	13.28	293.23	Maintenance	Maintenance	Maintenance	
25/10/2024 13:25	7.57	4.83	106.69	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.86	13.31	293.95	Maintenance	Maintenance	Maintenance	
25/10/2024 13:30	7.64	4.81	106.47	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.05	13.26	293.16	Maintenance	Maintenance	Maintenance	
25/10/2024 13:35	7.69	4.8	106.6	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.17	13.21	293.47	Maintenance	Maintenance	Maintenance	
25/10/2024 13:40	7.62	4.8	106.25	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21	13.23	292.66	Maintenance	Maintenance	Maintenance	
25/10/2024 13:45	7.59	4.8	106.37	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.9	13.23	292.95	Maintenance	Maintenance	Maintenance	
25/10/2024 13:50	7.66	4.79	106.01	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.11	13.2	292.01	Maintenance	Maintenance	Maintenance	
25/10/2024 13:55	7.67	4.81	106.26	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.12	13.24	292.69	Maintenance	Maintenance	Maintenance	
25/10/2024 14:00	7.57	4.83	106.71	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.86	13.32	293.96	Maintenance	Maintenance	Maintenance	
25/10/2024 14:05	7.72	4.79	106.32	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.28	13.21	292.98	Maintenance	Maintenance	Maintenance	
25/10/2024 14:10	7.59	4.84	106.88	15.86	Maintenance	Maintenance	Maintenance	Maintenance	20.93	13.33	294.62	Maintenance	Maintenance	Maintenance	
25/10/2024 14:15	7.61	4.84	106.84	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.96	13.33	294.34	Maintenance	Maintenance	Maintenance	
25/10/2024 14:20	7.72	4.86	106.7	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.26	13.38	293.99	Maintenance	Maintenance	Maintenance	
25/10/2024 14:25	7.55	4.9	107.26	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.8	13.5	295.48	Maintenance	Maintenance	Maintenance	
25/10/2024 14:30	7.55	4.86	107.05	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.78	13.39	294.8	Maintenance	Maintenance	Maintenance	
25/10/2024 14:35	7.57	4.9	107.18	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.85	13.48	295.2	Maintenance	Maintenance	Maintenance	
25/10/2024 14:40	7.48	4.94	107.69	15.86	Maintenance	Maintenance	Maintenance	Maintenance	20.61	13.62	296.84	Maintenance	Maintenance	Maintenance	
25/10/2024 14:45	7.66	4.96	107.75	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.1	13.67	296.95	Maintenance	Maintenance	Maintenance	
25/10/2024 14:50	7.55	4.98	107.94	15.86	Maintenance	Maintenance	Maintenance	Maintenance	20.82	13.73	297.51	Maintenance	Maintenance	Maintenance	
25/10/2024 14:55	7.59	4.95	107.38	15.86	Maintenance	Maintenance	Maintenance	Maintenance	20.9	13.65	295.93	Maintenance	Maintenance	Maintenance	
25/10/2024 15:00	7.52	4.91	106.88	15.86	Maintenance	Maintenance	Maintenance	Maintenance	20.72	13.53	294.56	Maintenance	Maintenance	Maintenance	
25/10/2024 15:05	7.6	4.89	106.64	15.86	Maintenance	Maintenance	Maintenance	Maintenance	20.93	13.48	293.84	Maintenance	Maintenance	Maintenance	
25/10/2024 15:10	7.53	4.91	106.53	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.74	13.52	293.5	Maintenance	Maintenance	Maintenance	
25/10/2024 15:15	7.49	4.99	107.34	15.86	Maintenance	Maintenance	Maintenance	Maintenance	20.63	13.74	295.77	Maintenance	Maintenance	Maintenance	
25/10/2024 15:20	7.31	5.02	107.9	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.12	13.83	297.21	Maintenance	Maintenance	Maintenance	
25/10/2024 15:25	7.48	5.03	108.01	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.6	13.86	297.46	Maintenance	Maintenance	Maintenance	
25/10/2024 15:30	7.4	5.05	108.03	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.36	13.9	297.3	Maintenance	Maintenance	Maintenance	
25/10/2024 15:35	7.24	5.09	108.78	15.85	Maintenance	Maintenance	Maintenance	Maintenance	19.92	14	299.24	Maintenance	Maintenance	Maintenance	
25/10/2024 15:40	7.26	5.13	109.12	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20	14.14	300.54	Maintenance	Maintenance	Maintenance	
25/10/2024 15:45	7.33	5.05	107.95	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.17	13.91	297.11	Maintenance	Maintenance	Maintenance	
25/10/2024 15:50	7.57	4.99	107.37	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.83	13.75	295.66	Maintenance	Maintenance	Maintenance	
25/10/2024 15:55	7.49	4.95	106.72	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.61	13.62	293.77	Maintenance	Maintenance	Maintenance	
25/10/2024 16:00	7.48	5.05	107.81	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.58	13.89	296.74	Maintenance	Maintenance	Maintenance	
25/10/2024 16:05	7.3	5.14	108.81	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.1	14.13	299.37	Maintenance	Maintenance	Maintenance	
25/10/2024 16:10	7.19	5.15	108.84	15.85	Maintenance	Maintenance	Maintenance	Maintenance	19.78	14.16	299.5	Maintenance	Maintenance	Maintenance	
25/10/2024 16:15	7.34	5.19	109.51	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.21	14.3	301.45	Maintenance	Maintenance	Maintenance	
25/10/2024 16:20	7.25	5.2	109.44	15.85	Maintenance	Maintenance	Maintenance	Maintenance	19.96	14.32	301.25	Maintenance	Maintenance	Maintenance	
25/10/2024 16:25	7.19	5.22	109.77	15.85	Maintenance	Maintenance	Maintenance	Maintenance	19.78	14.37	302.15	Maintenance	Maintenance	Maintenance	
25/10/2024 16:30	7.3	5.26	109.89	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.1	14.47	302.51	Maintenance	Maintenance	Maintenance	
25/10/2024 16:35	7.24	5.24	109.89	15.85	Maintenance	Maintenance	Maintenance	Maintenance	19.93	14.43	302.52	Maintenance	Maintenance	Maintenance	
25/10/2024 16:40	7.16	5.26	110.16	15.85	Maintenance	Maintenance	Maintenance	Maintenance	19.71	14.47	303.13	Maintenance	Maintenance	Maintenance	
25/10/2024 16:45	7.24	5.21	109.54	15.85	Maintenance	Maintenance	Maintenance	Maintenance	19.94	14.34	301.66	Maintenance	Maintenance	Maintenance	
25/10/2024 16:50	7.26	5.17	108.76	15.85	Maintenance	Maintenance	Maintenance	Maintenance	19.99	14.22	299.36	Maintenance	Maintenance	Maintenance	
25/10/2024 16:55	7.41	5.21	109.27	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.38	14.33	300.71	Maintenance	Maintenance	Maintenance	
25/10/2024 17:00	7.3	5.24	109.53	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.09	14.43	301.55	Maintenance	Maintenance	Maintenance	
25/10/2024 17:05	7.19	5.25	109.52	15.85	Maintenance	Maintenance	Maintenance	Maintenance	19.79	14.46	301.31	Maintenance	Maintenance	Maintenance	
25/10/2024 17:10	7.29	5.21	108.62	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.04	14.33	298.71	Maintenance	Maintenance	Maintenance	
25/10/2024 17:15	7.16	5.22	109.02	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.68	14.36	299.71	Maintenance	Maintenance	Maintenance	
25/10/2024 17:20	7.24	5.25	109.32	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.91	14.43	300.47	Maintenance	Maintenance	Maintenance	
25/10/2024 17:25	7.13	5.27	109.6	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.59	14.49	301.23	Maintenance	Maintenance	Maintenance	
25/10/2024 17:30	7.25	5.27	109.6	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.91	14.48	301.18	Maintenance	Maintenance	Maintenance	
25/10/2024 17:35	7.18	5.31	110.16	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.73	14.6	302.85	Maintenance	Maintenance	Maintenance	
25/10/2024 17:40	7.18	5.31	110.09	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.73	14.59	302.6	Maintenance	Maintenance	Maintenance	
25/10/2024 17:45	7.28	5.36	110.51	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20	14.72	303.67	Maintenance	Maintenance	Maintenance	
25/10/2024 17:50	7.18	5.42	111.44	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.73	14.9	306.15	Maintenance	Maintenance	Maintenance	
25/10/2024 17:55	7.01	5.4	111.14	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.26	14.84	305.33	Maintenance	Maintenance	Maintenance	
25/10/2024 18:00	7.18	5.35	110.56	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.72	14.7	303.64	Maintenance	Maintenance	Maintenance	
25/10/2024 18:05	7.21	5.29	109.43	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.81	14.53	300.73	Maintenance	Maintenance	Maintenance	
25/10/2024 18:10	7.15	5.3	109.45	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.65	14.57	300.74	Maintenance	Maintenance	Maintenance	
25/10/2024 18:15	7.19	5.32	109.24	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.74	14.59	299.92	Maintenance	Maintenance	Maintenance	
25/10/2024 18:20	7.35	5.27	108.51	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.19	14.49	298.11	Maintenance	Maintenance	Maintenance	
25/10/2024 18:25	7.31	5.26	108.34	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.09	14.44	297.5	Maintenance	Maintenance	Maintenance	
25/10/2024 18:30	7.32	5.25	108.42	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.11	14.42	297.73	Maintenance	Maintenance	Maintenance	
25/10/2024 18:35	7.38	5.28	108.68	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.26	14.5	298.4	Maintenance	Maintenance	Maintenance	
25/10/2024 18:40	7.4	5.3	108.78	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.3	14.55	298.59	Maintenance	Maintenance	Maintenance	
25/10/2024 18:45	7.29	5.34	109.38	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.02	14.65	300.27	Maintenance	Maintenance	Maintenance	
25/10/2024 18:50	7.32	5.35	109.59	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.1	14.68	300.93	Maintenance	Maintenance	Maintenance	
25/10/2024 18:55	7.28	5.37	109.85	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.99	14.73	301.51	Maintenance	Maintenance	Maintenance	
25/10/2024 19:00	7.01	5.44	110.54	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.24	14.91	303.23	Maintenance	Maintenance	Maintenance	
25/10/2024 19:05	7.02	5.41	110.23	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.26	14.85	302.47	Maintenance	Maintenance	Maintenance	
25/10/2024 19:10	7.2	5.47	110.47	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.75	15	303.13	Maintenance	Maintenance	Maintenance	
25/10/2024 19:15	7.14	5.51	111.36	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.61	15.14	305.89	Maintenance	Maintenance	Maintenance	
25/10/2024 19:20	7.08	5.52	111.49	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.44	15.17	306.14	Maintenance	Maintenance	Maintenance	
25/10/2024 19:25	7.04	5.51	111.49	15.84	Maintenance	Maintenance	Maintenance	Maintenance	19.33	15.13	306	Maintenance	Maintenance	Maintenance	
25/10/2024 19:30	7.2	5.49	111.18	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.74	15.05	304.99	Maintenance	Maintenance	Maintenance	
25/10/2024 19:35	7.1	5.49	111.13	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.48	15.05	304.8	Maintenance	Maintenance	Maintenance	
25/10/2024 19:40	7.09	5.5	110.92	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.46	15.09	304.34	Maintenance	Maintenance	Maintenance	
25/10/2024 19:45	7.12	5.5	110.8	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.54	15.1	303.94	Maintenance	Maintenance	Maintenance	
25/10/2024 19:50	7.12	5.45	110.56	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.53	14.94	303.2	Maintenance	Maintenance	Maintenance	
25/10/2024 19:55	7.28	5.47	110.67	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.96	14.99	303.46	Maintenance	Maintenance	Maintenance	
25/10/2024 20:00	7.26	5.48	110.63	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.9	15.02	303.36	Maintenance	Maintenance	Maintenance	
25/10/2024 20:05	7.26	5.48	110.83	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.92	15.03	303.95	Maintenance	Maintenance	Maintenance	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/10/2024 20:45	7.15	5.61	111.81	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.6	15.39	306.48	Maintenance	Maintenance	Maintenance	
25/10/2024 20:50	7.06	5.59	111.71	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.35	15.31	306.22	Maintenance	Maintenance	Maintenance	
25/10/2024 20:55	7.12	5.57	111.24	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.52	15.28	304.97	Maintenance	Maintenance	Maintenance	
25/10/2024 21:00	7.21	5.55	111.02	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.78	15.21	304.37	Maintenance	Maintenance	Maintenance	
25/10/2024 21:05	7.25	5.55	110.61	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.87	15.2	303.17	Maintenance	Maintenance	Maintenance	
25/10/2024 21:10	7.16	5.52	110.45	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.63	15.12	302.65	Maintenance	Maintenance	Maintenance	
25/10/2024 21:15	7.25	5.5	110.14	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.87	15.07	301.84	Maintenance	Maintenance	Maintenance	
25/10/2024 21:20	7.28	5.5	110.07	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.95	15.08	301.76	Maintenance	Maintenance	Maintenance	
25/10/2024 21:25	7.2	5.54	110.54	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.74	15.18	302.97	Maintenance	Maintenance	Maintenance	
25/10/2024 21:30	7.34	5.59	111.39	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.11	15.31	305.22	Maintenance	Maintenance	Maintenance	
25/10/2024 21:35	7.16	5.58	111.09	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.6	15.29	304.29	Maintenance	Maintenance	Maintenance	
25/10/2024 21:40	7.22	5.57	111.09	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.77	15.26	304.29	Maintenance	Maintenance	Maintenance	
25/10/2024 21:45	7.19	5.62	111.64	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.7	15.4	305.83	Maintenance	Maintenance	Maintenance	
25/10/2024 21:50	7.26	5.65	112.01	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.89	15.47	306.99	Maintenance	Maintenance	Maintenance	
25/10/2024 21:55	7.16	5.61	111.74	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.62	15.38	306.15	Maintenance	Maintenance	Maintenance	
25/10/2024 22:00	7.1	5.63	112	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.45	15.41	306.72	Maintenance	Maintenance	Maintenance	
25/10/2024 22:05	7.32	5.62	111.62	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.03	15.39	305.55	Maintenance	Maintenance	Maintenance	
25/10/2024 22:10	7.36	5.56	110.93	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.15	15.23	303.84	Maintenance	Maintenance	Maintenance	
25/10/2024 22:15	7.46	5.44	109.31	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.45	14.9	299.54	Maintenance	Maintenance	Maintenance	
25/10/2024 22:20	7.57	5.42	109.04	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.75	14.86	298.96	Maintenance	Maintenance	Maintenance	
25/10/2024 22:25	7.53	5.48	109.87	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.64	15.04	301.19	Maintenance	Maintenance	Maintenance	
25/10/2024 22:30	7.45	5.57	110.72	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.42	15.25	303.3	Maintenance	Maintenance	Maintenance	
25/10/2024 22:35	7.47	5.51	110.57	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.44	15.09	302.67	Maintenance	Maintenance	Maintenance	
25/10/2024 22:40	7.56	5.49	110.27	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.71	15.03	301.83	Maintenance	Maintenance	Maintenance	
25/10/2024 22:45	7.5	5.54	110.45	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.52	15.15	302.29	Maintenance	Maintenance	Maintenance	
25/10/2024 22:50	7.56	5.54	110.64	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.7	15.17	302.82	Maintenance	Maintenance	Maintenance	
25/10/2024 22:55	7.55	5.59	111.28	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.68	15.31	304.72	Maintenance	Maintenance	Maintenance	
25/10/2024 23:00	7.36	5.62	111.59	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.16	15.39	305.66	Maintenance	Maintenance	Maintenance	
25/10/2024 23:05	7.31	5.58	111.32	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.02	15.29	304.86	Maintenance	Maintenance	Maintenance	
25/10/2024 23:10	7.5	5.59	110.95	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.53	15.31	303.7	Maintenance	Maintenance	Maintenance	
25/10/2024 23:15	7.39	5.63	111.4	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.22	15.4	304.89	Maintenance	Maintenance	Maintenance	
25/10/2024 23:20	7.36	5.63	111.26	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.13	15.4	304.43	Maintenance	Maintenance	Maintenance	
25/10/2024 23:25	7.36	5.65	111.6	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.14	15.47	305.44	Maintenance	Maintenance	Maintenance	
25/10/2024 23:30	7.5	5.59	110.99	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.53	15.3	303.75	Maintenance	Maintenance	Maintenance	
25/10/2024 23:35	7.41	5.57	110.6	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.29	15.25	302.73	Maintenance	Maintenance	Maintenance	
25/10/2024 23:40	7.48	5.56	110.49	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.47	15.22	302.32	Maintenance	Maintenance	Maintenance	
25/10/2024 23:45	7.45	5.55	110.1	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.39	15.2	301.37	Maintenance	Maintenance	Maintenance	
25/10/2024 23:50	7.63	5.52	109.81	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.87	15.11	300.5	Maintenance	Maintenance	Maintenance	
25/10/2024 23:55	7.44	5.54	110.09	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.35	15.15	301.22	Maintenance	Maintenance	Maintenance	
26/10/2024 00:00	7.54	5.5	109.5	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.63	15.06	299.71	Maintenance	Maintenance	Maintenance	
26/10/2024 00:05	7.43	5.48	109.18	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.33	14.98	298.6	Maintenance	Maintenance	Maintenance	
26/10/2024 00:10	7.53	5.52	109.65	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.57	15.1	299.76	Maintenance	Maintenance	Maintenance	
26/10/2024 00:15	7.41	5.51	109.64	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.27	15.07	299.99	Maintenance	Maintenance	Maintenance	
26/10/2024 00:20	7.65	5.42	108.28	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.95	14.83	296.5	Maintenance	Maintenance	Maintenance	
26/10/2024 00:25	7.58	5.45	108.95	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.77	14.93	298.51	Maintenance	Maintenance	Maintenance	
26/10/2024 00:30	7.63	5.47	109.23	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.9	15	299.35	Maintenance	Maintenance	Maintenance	
26/10/2024 00:35	7.57	5.49	109.31	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.75	15.05	299.39	Maintenance	Maintenance	Maintenance	
26/10/2024 00:40	7.71	5.48	108.88	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.12	15.01	298.09	Maintenance	Maintenance	Maintenance	
26/10/2024 00:45	7.59	5.44	108.7	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.79	14.91	297.71	Maintenance	Maintenance	Maintenance	
26/10/2024 00:50	7.77	5.41	107.95	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.28	14.82	295.68	Maintenance	Maintenance	Maintenance	
26/10/2024 00:55	7.69	5.39	107.69	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.06	14.75	294.75	Maintenance	Maintenance	Maintenance	
26/10/2024 01:00	7.76	5.41	107.97	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.24	14.81	295.41	Maintenance	Maintenance	Maintenance	
26/10/2024 01:05	7.69	5.44	108	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.03	14.89	295.49	Maintenance	Maintenance	Maintenance	
26/10/2024 01:10	7.71	5.45	108.39	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.1	14.9	296.51	Maintenance	Maintenance	Maintenance	
26/10/2024 01:15	7.68	5.46	108.39	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21	14.94	296.59	Maintenance	Maintenance	Maintenance	
26/10/2024 01:20	7.61	5.45	108.52	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.81	14.92	296.86	Maintenance	Maintenance	Maintenance	
26/10/2024 01:25	7.5	5.51	108.8	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.52	15.07	297.78	Maintenance	Maintenance	Maintenance	
26/10/2024 01:30	7.52	5.53	109.1	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.58	15.12	298.46	Maintenance	Maintenance	Maintenance	
26/10/2024 01:35	7.61	5.47	108.56	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.81	14.97	296.9	Maintenance	Maintenance	Maintenance	
26/10/2024 01:40	7.64	5.49	108.43	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.9	15.01	296.45	Maintenance	Maintenance	Maintenance	
26/10/2024 01:45	7.72	5.47	108.5	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.1	14.95	296.52	Maintenance	Maintenance	Maintenance	
26/10/2024 01:50	7.66	5.47	108.15	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.92	14.94	295.56	Maintenance	Maintenance	Maintenance	
26/10/2024 01:55	7.67	5.47	107.97	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.98	14.95	295.2	Maintenance	Maintenance	Maintenance	
26/10/2024 02:00	7.53	5.44	107.92	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.6	14.89	295.27	Maintenance	Maintenance	Maintenance	
26/10/2024 02:05	7.59	5.49	108.34	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.76	15	296.34	Maintenance	Maintenance	Maintenance	
26/10/2024 02:10	7.73	5.44	107.84	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.15	14.89	294.96	Maintenance	Maintenance	Maintenance	
26/10/2024 02:15	7.54	5.5	108.28	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.62	15.04	296.27	Maintenance	Maintenance	Maintenance	
26/10/2024 02:20	7.69	5.47	108.19	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.06	14.98	296.11	Maintenance	Maintenance	Maintenance	
26/10/2024 02:25	7.61	5.49	108.41	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.82	15.02	296.57	Maintenance	Maintenance	Maintenance	
26/10/2024 02:30	7.71	5.5	108.24	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.08	15.03	295.96	Maintenance	Maintenance	Maintenance	
26/10/2024 02:35	7.6	5.52	108.64	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.79	15.1	297.12	Maintenance	Maintenance	Maintenance	
26/10/2024 02:40	7.63	5.5	108.31	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.88	15.05	296.45	Maintenance	Maintenance	Maintenance	
26/10/2024 02:45	7.54	5.48	108.3	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.62	15	296.25	Maintenance	Maintenance	Maintenance	
26/10/2024 02:50	7.62	5.52	108.32	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.85	15.09	296.35	Maintenance	Maintenance	Maintenance	
26/10/2024 02:55	7.53	5.54	109.11	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.61	15.17	298.58	Maintenance	Maintenance	Maintenance	
26/10/2024 03:00	7.53	5.53	108.81	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.59	15.12	297.69	Maintenance	Maintenance	Maintenance	
26/10/2024 03:05	7.61	5.55	109.2	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.8	15.18	298.65	Maintenance	Maintenance	Maintenance	
26/10/2024 03:10	7.44	5.54	108.9	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.35	15.15	297.78	Maintenance	Maintenance	Maintenance	
26/10/2024 03:15	7.38	5.56	108.77	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.18	15.22	297.4	Maintenance	Maintenance	Maintenance	
26/10/2024 03:20	7.48	5.59	109.03	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.46	15.28	298.03	Maintenance	Maintenance	Maintenance	
26/10/2024 03:25	7.66	5.56	108.3	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.94	15.19	296.1	Maintenance	Maintenance	Maintenance	
26/10/2024 03:30	7.73	5.55	108.32	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.13	15.17	296.15	Maintenance	Maintenance	Maintenance	
26/10/2024 03:35	7.49	5.58	108.9	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.5	15.26	297.87	Maintenance	Maintenance	Maintenance	
26/10/2024 03:40	7.6	5.54	108.49	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.79	15.15	296.6	Maintenance	Maintenance	Maintenance	
26/10/2024 03:45	7.59	5.56	108.31	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.77	15.22	296.15	Maintenance	Maintenance	Maintenance	
26/10/2024 03:50	7.67	5.56	108.35	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.97	15.2	296.22	Maintenance	Maintenance		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/10/2024 04:30	7.6	5.72	109.94	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.8	15.64	300.77	Maintenance	Maintenance	Maintenance	
26/10/2024 04:35	7.53	5.75	110.44	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.58	15.71	301.97	Maintenance	Maintenance	Maintenance	
26/10/2024 04:40	7.47	5.79	110.67	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.42	15.82	302.62	Maintenance	Maintenance	Maintenance	
26/10/2024 04:45	7.48	5.75	110.58	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.46	15.72	302.46	Maintenance	Maintenance	Maintenance	
26/10/2024 04:50	7.49	5.82	111.58	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.51	15.93	305.33	Maintenance	Maintenance	Maintenance	
26/10/2024 04:55	7.29	5.98	113.61	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.94	16.36	310.83	Maintenance	Maintenance	Maintenance	
26/10/2024 05:00	7.24	6.05	114.18	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.81	16.56	312.23	Maintenance	Maintenance	Maintenance	
26/10/2024 05:05	7.18	6.06	114.4	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.65	16.58	313.05	Maintenance	Maintenance	Maintenance	
26/10/2024 05:10	7.07	6.12	114.8	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.34	16.74	314.2	Maintenance	Maintenance	Maintenance	
26/10/2024 05:15	7.18	6.12	114.79	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.62	16.73	313.88	Maintenance	Maintenance	Maintenance	
26/10/2024 05:20	7.08	6.13	115.11	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.38	16.77	314.89	Maintenance	Maintenance	Maintenance	
26/10/2024 05:25	7.23	6.16	115.15	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.76	16.85	314.89	Maintenance	Maintenance	Maintenance	
26/10/2024 05:30	7.22	6.14	114.84	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.76	16.79	314.15	Maintenance	Maintenance	Maintenance	
26/10/2024 05:35	7.1	6.15	115.1	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.44	16.84	315.02	Maintenance	Maintenance	Maintenance	
26/10/2024 05:40	7.22	6.13	114.49	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.76	16.78	313.29	Maintenance	Maintenance	Maintenance	
26/10/2024 05:45	7.33	6.05	113.71	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.06	16.56	311.1	Maintenance	Maintenance	Maintenance	
26/10/2024 05:50	7.28	6.12	114.24	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.91	16.73	312.54	Maintenance	Maintenance	Maintenance	
26/10/2024 05:55	7.22	6.1	114.19	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.76	16.68	312.35	Maintenance	Maintenance	Maintenance	
26/10/2024 06:00	7.46	6	112.69	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.42	16.42	308.38	Maintenance	Maintenance	Maintenance	
26/10/2024 06:05	7.37	6.02	112.78	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.17	16.48	308.68	Maintenance	Maintenance	Maintenance	
26/10/2024 06:10	7.35	5.98	112.56	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.11	16.37	307.91	Maintenance	Maintenance	Maintenance	
26/10/2024 06:15	7.38	5.96	112.36	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.19	16.3	307.41	Maintenance	Maintenance	Maintenance	
26/10/2024 06:20	7.28	5.97	112.35	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.92	16.33	307.51	Maintenance	Maintenance	Maintenance	
26/10/2024 06:25	7.35	5.99	112.68	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.11	16.39	308.09	Maintenance	Maintenance	Maintenance	
26/10/2024 06:30	7.41	5.97	112.38	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.26	16.32	307.21	Maintenance	Maintenance	Maintenance	
26/10/2024 06:35	7.61	5.91	111.4	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.82	16.14	304.5	Maintenance	Maintenance	Maintenance	
26/10/2024 06:40	7.57	5.96	111.89	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.7	16.29	305.96	Maintenance	Maintenance	Maintenance	
26/10/2024 06:45	7.45	5.91	111.48	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.36	16.15	304.75	Maintenance	Maintenance	Maintenance	
26/10/2024 06:50	7.56	5.94	111.57	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.68	16.24	304.98	Maintenance	Maintenance	Maintenance	
26/10/2024 06:55	7.5	5.89	111.15	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.51	16.1	303.92	Maintenance	Maintenance	Maintenance	
26/10/2024 07:00	7.59	5.9	110.76	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.74	16.13	302.89	Maintenance	Maintenance	Maintenance	
26/10/2024 07:05	7.6	5.87	110.67	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.77	16.05	302.58	Maintenance	Maintenance	Maintenance	
26/10/2024 07:10	7.69	5.86	110.59	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.04	16.03	302.4	Maintenance	Maintenance	Maintenance	
26/10/2024 07:15	7.69	5.84	110.24	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.01	15.97	301.3	Maintenance	Maintenance	Maintenance	
26/10/2024 07:20	7.75	5.83	110.38	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.17	15.94	301.73	Maintenance	Maintenance	Maintenance	
26/10/2024 07:25	7.71	5.82	110.37	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.08	15.91	301.63	Maintenance	Maintenance	Maintenance	
26/10/2024 07:30	7.83	5.74	109.17	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.39	15.67	298.25	Maintenance	Maintenance	Maintenance	
26/10/2024 07:35	7.88	5.7	108.63	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.52	15.58	296.79	Maintenance	Maintenance	Maintenance	
26/10/2024 07:40	8.03	5.63	107.58	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.95	15.38	294.1	Maintenance	Maintenance	Maintenance	
26/10/2024 07:45	8.05	5.57	106.76	15.81	Maintenance	Maintenance	Maintenance	Maintenance	22	15.21	291.79	Maintenance	Maintenance	Maintenance	
26/10/2024 07:50	8.18	5.51	106.04	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.38	15.07	289.94	Maintenance	Maintenance	Maintenance	
26/10/2024 07:55	8.21	5.44	105.4	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.44	14.87	288.19	Maintenance	Maintenance	Maintenance	
26/10/2024 08:00	8.28	5.47	105.49	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.64	14.95	288.38	Maintenance	Maintenance	Maintenance	
26/10/2024 08:05	8.14	5.46	105.4	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.26	14.93	288.26	Maintenance	Maintenance	Maintenance	
26/10/2024 08:10	8.31	5.44	105.23	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.75	14.88	287.97	Maintenance	Maintenance	Maintenance	
26/10/2024 08:15	8.3	5.46	105.56	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.72	14.95	288.98	Maintenance	Maintenance	Maintenance	
26/10/2024 08:20	8.31	5.43	105.41	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.73	14.86	288.29	Maintenance	Maintenance	Maintenance	
26/10/2024 08:25	8.21	5.42	105.36	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.44	14.83	288.08	Maintenance	Maintenance	Maintenance	
26/10/2024 08:30	8.32	5.42	105.07	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.77	14.84	287.42	Maintenance	Maintenance	Maintenance	
26/10/2024 08:35	8.28	5.39	105.24	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.67	14.74	287.96	Maintenance	Maintenance	Maintenance	
26/10/2024 08:40	8.28	5.4	105.34	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.66	14.77	288.23	Maintenance	Maintenance	Maintenance	
26/10/2024 08:45	8.16	5.48	106.49	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.34	15	291.31	Maintenance	Maintenance	Maintenance	
26/10/2024 08:50	8.04	5.53	107.29	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.98	15.11	293.32	Maintenance	Maintenance	Maintenance	
26/10/2024 08:55	8.04	5.54	106.98	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.97	15.14	292.33	Maintenance	Maintenance	Maintenance	
26/10/2024 09:00	8	5.52	107.06	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.86	15.09	292.63	Maintenance	Maintenance	Maintenance	
26/10/2024 09:05	8.02	5.52	107.1	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.93	15.09	292.89	Maintenance	Maintenance	Maintenance	
26/10/2024 09:10	8.1	5.47	106.27	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.15	14.95	290.54	Maintenance	Maintenance	Maintenance	
26/10/2024 09:15	8.15	5.45	106.27	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.29	14.93	290.83	Maintenance	Maintenance	Maintenance	
26/10/2024 09:20	8.05	5.43	106.22	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.04	14.85	290.68	Maintenance	Maintenance	Maintenance	
26/10/2024 09:25	8.01	5.43	105.88	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.91	14.84	289.64	Maintenance	Maintenance	Maintenance	
26/10/2024 09:30	8.07	5.37	105.24	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.08	14.7	287.92	Maintenance	Maintenance	Maintenance	
26/10/2024 09:35	8.2	5.39	105.27	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.43	14.73	287.98	Maintenance	Maintenance	Maintenance	
26/10/2024 09:40	8.08	5.36	105.34	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.12	14.68	288.31	Maintenance	Maintenance	Maintenance	
26/10/2024 09:45	8.1	5.36	105.52	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.19	14.68	288.9	Maintenance	Maintenance	Maintenance	
26/10/2024 09:50	8.15	5.38	105.32	15.82	Maintenance	Maintenance	Maintenance	Maintenance	22.33	14.72	288.37	Maintenance	Maintenance	Maintenance	
26/10/2024 09:55	8.02	5.36	105.38	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.96	14.66	288.52	Maintenance	Maintenance	Maintenance	
26/10/2024 10:00	8.03	5.32	104.95	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.98	14.56	287.25	Maintenance	Maintenance	Maintenance	
26/10/2024 10:05	8.17	5.26	104.52	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.37	14.4	286.32	Maintenance	Maintenance	Maintenance	
26/10/2024 10:10	8.28	5.18	103.62	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.7	14.21	284.04	Maintenance	Maintenance	Maintenance	
26/10/2024 10:15	8.25	5.15	103.36	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.59	14.11	283.21	Maintenance	Maintenance	Maintenance	
26/10/2024 10:20	8.33	5.09	102.88	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.83	13.96	282.07	Maintenance	Maintenance	Maintenance	
26/10/2024 10:25	8.33	5.05	102.13	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.82	13.85	279.98	Maintenance	Maintenance	Maintenance	
26/10/2024 10:30	8.35	5	101.77	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.9	13.71	279.03	Maintenance	Maintenance	Maintenance	
26/10/2024 10:35	8.34	5.03	102.2	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.89	13.79	280.35	Maintenance	Maintenance	Maintenance	
26/10/2024 10:40	8.23	5.02	102.26	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.58	13.77	280.48	Maintenance	Maintenance	Maintenance	
26/10/2024 10:45	8.17	5.01	102.68	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.42	13.75	281.71	Maintenance	Maintenance	Maintenance	
26/10/2024 10:50	8.11	5.06	103.4	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.25	13.9	283.82	Maintenance	Maintenance	Maintenance	
26/10/2024 10:55	7.91	5.15	104.57	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.72	14.14	287.11	Maintenance	Maintenance	Maintenance	
26/10/2024 11:00	7.94	5.08	104.23	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.81	13.94	286.18	Maintenance	Maintenance	Maintenance	
26/10/2024 11:05	8.03	4.99	103.1	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.04	13.71	283.05	Maintenance	Maintenance	Maintenance	
26/10/2024 11:10	8.08	4.96	102.68	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.17	13.62	281.89	Maintenance	Maintenance	Maintenance	
26/10/2024 11:15	8.17	4.91	102.57	15.83	Maintenance	Maintenance	Maintenance	Maintenance	22.41	13.49	281.48	Maintenance	Maintenance	Maintenance	
26/10/2024 11:20	8.22	4.91	102.79	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.57	13.47	282.18	Maintenance	Maintenance	Maintenance	
26/10/2024 11:25	8.01	4.93	103.18	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.01	13.54	283.54	Maintenance	Maintenance	Maintenance	
26/10/2024 11:30	7.96	4.94	103.46	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.86	13.56	284.15	Maintenance	Maintenance	Maintenance	
26/10/2024 11:35	8.1	4.91	103.03	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.26	13.5					



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/10/2024 12:15	8.21	4.76	102.36	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.6	13.11	281.68	Maintenance	Maintenance	Maintenance	
26/10/2024 12:20	8.06	4.81	103.11	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.16	13.23	283.67	Maintenance	Maintenance	Maintenance	
26/10/2024 12:25	8.11	4.83	103.44	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.32	13.28	284.74	Maintenance	Maintenance	Maintenance	
26/10/2024 12:30	8.06	4.83	103.66	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.18	13.29	285.11	Maintenance	Maintenance	Maintenance	
26/10/2024 12:35	8.14	4.77	102.92	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.4	13.11	283.19	Maintenance	Maintenance	Maintenance	
26/10/2024 12:40	8.18	4.69	102.19	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.51	12.89	281.08	Maintenance	Maintenance	Maintenance	
26/10/2024 12:45	8.25	4.75	103.26	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.72	13.09	284.33	Maintenance	Maintenance	Maintenance	
26/10/2024 12:50	8.01	4.79	103.63	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.04	13.18	285.24	Maintenance	Maintenance	Maintenance	
26/10/2024 12:55	8.23	4.67	102.12	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.65	12.87	281.05	Maintenance	Maintenance	Maintenance	
26/10/2024 13:00	8.16	4.65	101.85	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.46	12.82	280.54	Maintenance	Maintenance	Maintenance	
26/10/2024 13:05	8.53	4.52	100.17	15.86	Maintenance	Maintenance	Maintenance	Maintenance	23.52	12.46	276.04	Maintenance	Maintenance	Maintenance	
26/10/2024 13:10	8.6	4.43	98.84	15.85	Maintenance	Maintenance	Maintenance	Maintenance	23.67	12.2	272.12	Maintenance	Maintenance	Maintenance	
26/10/2024 13:15	8.51	4.42	98.9	15.85	Maintenance	Maintenance	Maintenance	Maintenance	23.43	12.16	272.23	Maintenance	Maintenance	Maintenance	
26/10/2024 13:20	8.53	4.44	98.96	15.86	Maintenance	Maintenance	Maintenance	Maintenance	23.51	12.24	272.71	Maintenance	Maintenance	Maintenance	
26/10/2024 13:25	8.53	4.44	99.18	15.85	Maintenance	Maintenance	Maintenance	Maintenance	23.48	12.22	273.14	Maintenance	Maintenance	Maintenance	
26/10/2024 13:30	8.38	4.48	100.22	15.85	Maintenance	Maintenance	Maintenance	Maintenance	23.09	12.35	276.01	Maintenance	Maintenance	Maintenance	
26/10/2024 13:35	8.21	4.56	101.4	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.62	12.57	279.38	Maintenance	Maintenance	Maintenance	
26/10/2024 13:40	8.08	4.64	102.6	15.86	Maintenance	Maintenance	Maintenance	Maintenance	22.28	12.81	282.88	Maintenance	Maintenance	Maintenance	
26/10/2024 13:45	8.01	4.7	103.39	15.85	Maintenance	Maintenance	Maintenance	Maintenance	22.07	12.95	284.84	Maintenance	Maintenance	Maintenance	
26/10/2024 13:50	7.96	4.72	103.63	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.93	13	285.42	Maintenance	Maintenance	Maintenance	
26/10/2024 13:55	7.95	4.74	104.31	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.91	13.05	287.45	Maintenance	Maintenance	Maintenance	
26/10/2024 14:00	7.94	4.8	104.98	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.87	13.24	289.27	Maintenance	Maintenance	Maintenance	
26/10/2024 14:05	7.89	4.81	104.98	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.75	13.25	289.33	Maintenance	Maintenance	Maintenance	
26/10/2024 14:10	7.89	4.85	105.41	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.74	13.37	290.59	Maintenance	Maintenance	Maintenance	
26/10/2024 14:15	7.76	4.86	105.67	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.37	13.4	291.19	Maintenance	Maintenance	Maintenance	
26/10/2024 14:20	7.74	4.88	105.79	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.33	13.46	291.55	Maintenance	Maintenance	Maintenance	
26/10/2024 14:25	7.76	4.87	105.76	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.38	13.41	291.44	Maintenance	Maintenance	Maintenance	
26/10/2024 14:30	7.89	4.88	105.78	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.75	13.46	291.65	Maintenance	Maintenance	Maintenance	
26/10/2024 14:35	7.94	4.82	105.24	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.89	13.29	290.17	Maintenance	Maintenance	Maintenance	
26/10/2024 14:40	7.99	4.81	104.31	15.86	Maintenance	Maintenance	Maintenance	Maintenance	22.05	13.26	287.72	Maintenance	Maintenance	Maintenance	
26/10/2024 14:45	8.13	4.68	102.55	15.86	Maintenance	Maintenance	Maintenance	Maintenance	22.42	12.93	283	Maintenance	Maintenance	Maintenance	
26/10/2024 14:50	8.23	4.64	102.2	15.86	Maintenance	Maintenance	Maintenance	Maintenance	22.69	12.79	281.9	Maintenance	Maintenance	Maintenance	
26/10/2024 14:55	8.27	4.59	101.36	15.86	Maintenance	Maintenance	Maintenance	Maintenance	22.82	12.68	279.73	Maintenance	Maintenance	Maintenance	
26/10/2024 15:00	8.43	4.62	101.4	15.86	Maintenance	Maintenance	Maintenance	Maintenance	23.24	12.75	279.74	Maintenance	Maintenance	Maintenance	
26/10/2024 15:05	8.26	4.6	101.11	15.87	Maintenance	Maintenance	Maintenance	Maintenance	22.82	12.71	279.24	Maintenance	Maintenance	Maintenance	
26/10/2024 15:10	8.46	4.61	101.11	15.86	Maintenance	Maintenance	Maintenance	Maintenance	23.36	12.74	279.05	Maintenance	Maintenance	Maintenance	
26/10/2024 15:15	8.41	4.6	101.02	15.87	Maintenance	Maintenance	Maintenance	Maintenance	23.23	12.69	278.94	Maintenance	Maintenance	Maintenance	
26/10/2024 15:20	8.33	4.62	101.31	15.87	Maintenance	Maintenance	Maintenance	Maintenance	23.01	12.75	279.74	Maintenance	Maintenance	Maintenance	
26/10/2024 15:25	8.4	4.62	101.11	15.86	Maintenance	Maintenance	Maintenance	Maintenance	23.17	12.76	279.06	Maintenance	Maintenance	Maintenance	
26/10/2024 15:30	8.34	4.65	101.46	15.86	Maintenance	Maintenance	Maintenance	Maintenance	23.03	12.84	280.05	Maintenance	Maintenance	Maintenance	
26/10/2024 15:35	8.22	4.66	101.49	15.87	Maintenance	Maintenance	Maintenance	Maintenance	22.69	12.87	280.21	Maintenance	Maintenance	Maintenance	
26/10/2024 15:40	8.17	4.72	102.45	15.86	Maintenance	Maintenance	Maintenance	Maintenance	22.54	13.02	282.81	Maintenance	Maintenance	Maintenance	
26/10/2024 15:45	8.07	4.71	102.44	15.87	Maintenance	Maintenance	Maintenance	Maintenance	22.27	13	282.82	Maintenance	Maintenance	Maintenance	
26/10/2024 15:50	8.1	4.76	103.2	15.87	Maintenance	Maintenance	Maintenance	Maintenance	22.38	13.15	284.92	Maintenance	Maintenance	Maintenance	
26/10/2024 15:55	8.07	4.79	103.22	15.86	Maintenance	Maintenance	Maintenance	Maintenance	22.26	13.22	284.87	Maintenance	Maintenance	Maintenance	
26/10/2024 16:00	8.07	4.83	103.54	15.87	Maintenance	Maintenance	Maintenance	Maintenance	22.29	13.33	285.88	Maintenance	Maintenance	Maintenance	
26/10/2024 16:05	7.97	4.9	104.63	15.87	Maintenance	Maintenance	Maintenance	Maintenance	22.01	13.53	288.99	Maintenance	Maintenance	Maintenance	
26/10/2024 16:10	7.82	4.97	105.22	15.87	Maintenance	Maintenance	Maintenance	Maintenance	21.6	13.73	290.47	Maintenance	Maintenance	Maintenance	
26/10/2024 16:15	7.84	5.04	105.97	15.87	Maintenance	Maintenance	Maintenance	Maintenance	21.65	13.92	292.56	Maintenance	Maintenance	Maintenance	
26/10/2024 16:20	7.8	5.01	105.63	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.52	13.83	291.52	Maintenance	Maintenance	Maintenance	
26/10/2024 16:25	7.8	5	105.35	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.53	13.8	290.68	Maintenance	Maintenance	Maintenance	
26/10/2024 16:30	7.81	4.96	104.89	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.53	13.68	289.14	Maintenance	Maintenance	Maintenance	
26/10/2024 16:35	7.89	4.95	104.85	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.72	13.63	288.72	Maintenance	Maintenance	Maintenance	
26/10/2024 16:40	7.9	4.98	104.75	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.76	13.71	288.57	Maintenance	Maintenance	Maintenance	
26/10/2024 16:45	7.82	5.01	105.08	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.56	13.79	289.61	Maintenance	Maintenance	Maintenance	
26/10/2024 16:50	7.75	4.98	104.64	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.37	13.74	288.53	Maintenance	Maintenance	Maintenance	
26/10/2024 16:55	7.93	4.95	103.98	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.85	13.64	286.52	Maintenance	Maintenance	Maintenance	
26/10/2024 17:00	7.96	4.94	103.96	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.93	13.61	286.4	Maintenance	Maintenance	Maintenance	
26/10/2024 17:05	7.89	4.93	103.6	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.74	13.58	285.49	Maintenance	Maintenance	Maintenance	
26/10/2024 17:10	7.96	4.97	104.31	15.86	Maintenance	Maintenance	Maintenance	Maintenance	21.94	13.68	287.46	Maintenance	Maintenance	Maintenance	
26/10/2024 17:15	7.91	5	104.46	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.79	13.78	287.67	Maintenance	Maintenance	Maintenance	
26/10/2024 17:20	7.87	5.03	104.64	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.68	13.84	288.11	Maintenance	Maintenance	Maintenance	
26/10/2024 17:25	7.85	5.02	104.54	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.62	13.81	287.78	Maintenance	Maintenance	Maintenance	
26/10/2024 17:30	7.96	4.97	104.3	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.87	13.67	286.67	Maintenance	Maintenance	Maintenance	
26/10/2024 17:35	9.22	4.46	97.45	15.81	Maintenance	Maintenance	Maintenance	Maintenance	25.16	12.17	265.95	Maintenance	Maintenance	Maintenance	
26/10/2024 17:40	9.13	4.49	98	15.81	Maintenance	Maintenance	Maintenance	Maintenance	24.9	12.24	267.42	Maintenance	Maintenance	Maintenance	
26/10/2024 17:45	9.16	4.52	98.44	15.8	Maintenance	Maintenance	Maintenance	Maintenance	24.99	12.33	268.49	Maintenance	Maintenance	Maintenance	
26/10/2024 17:50	9.18	4.5	98.19	15.8	Maintenance	Maintenance	Maintenance	Maintenance	25.03	12.26	267.73	Maintenance	Maintenance	Maintenance	
26/10/2024 17:55	9.23	4.49	98.1	15.8	Maintenance	Maintenance	Maintenance	Maintenance	25.17	12.23	267.53	Maintenance	Maintenance	Maintenance	
26/10/2024 18:00	9.06	4.6	98.42	15.81	Maintenance	Maintenance	Maintenance	Maintenance	24.74	12.57	268.86	Maintenance	Maintenance	Maintenance	
26/10/2024 18:05	8.07	4.95	102.18	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.19	13.6	280.88	Maintenance	Maintenance	Maintenance	
26/10/2024 18:10	7.86	5.02	103.24	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.6	13.8	283.81	Maintenance	Maintenance	Maintenance	
26/10/2024 18:15	7.79	5.04	103.65	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.41	13.85	284.99	Maintenance	Maintenance	Maintenance	
26/10/2024 18:20	7.83	5.06	103.39	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.55	13.92	284.34	Maintenance	Maintenance	Maintenance	
26/10/2024 18:25	7.88	5.03	103	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.65	13.82	283.13	Maintenance	Maintenance	Maintenance	
26/10/2024 18:30	8.04	4.94	101.9	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.09	13.56	279.98	Maintenance	Maintenance	Maintenance	
26/10/2024 18:35	8.1	4.93	101.66	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.26	13.54	279.31	Maintenance	Maintenance	Maintenance	
26/10/2024 18:40	8.05	4.97	101.96	15.84	Maintenance	Maintenance	Maintenance	Maintenance	22.11	13.67	280.17	Maintenance	Maintenance	Maintenance	
26/10/2024 18:45	7.67	5.1	103.65	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.1	14.04	285.07	Maintenance	Maintenance	Maintenance	
26/10/2024 18:50	7.87	4.97	101.58	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.61	13.65	279.09	Maintenance	Maintenance	Maintenance	
26/10/2024 18:55	7.98	4.98	101.79	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.93	13.68	279.59	Maintenance	Maintenance	Maintenance	
26/10/2024 19:00	7.99	5.04	102.72	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.94	13.84	282.08	Maintenance	Maintenance	Maintenance	
26/10/2024 19:05	7.83	5.1	103.25	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.49	13.99	283.3	Maintenance	Maintenance	Maintenance	
26/10/2024 19:10	7.72	5.19	104.16	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.19	14.25	285.94	Maintenance	Maintenance	Maintenance	
26/10/2024 19:15	7.66	5.13	103.68	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.04	14.08	284.67	Maintenance	Maintenance	Maintenance	
26/10/2024 19:20	7.89	5.1	103	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.66	14	282.7	Maintenance	Maintenance	Maintenance	



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/10/2024 20:00	8.04	5.03	101.49	15.83	maintenanc	maintenanc	maintenanc	maintenanc	22.04	13.81	278.4	maintenanc	maintenanc	maintenanc	
26/10/2024 20:05	7.84	5.11	102.83	15.83	maintenanc	maintenanc	maintenanc	maintenanc	21.48	14.01	281.94	maintenanc	maintenanc	maintenanc	
26/10/2024 20:10	7.68	5.24	104.6	15.83	maintenanc	maintenanc	maintenanc	maintenanc	21.04	14.36	286.71	maintenanc	maintenanc	maintenanc	
26/10/2024 20:15	7.66	5.28	104.82	15.83	maintenanc	maintenanc	maintenanc	maintenanc	20.99	14.46	287.28	maintenanc	maintenanc	maintenanc	
26/10/2024 20:20	7.68	5.23	104.18	15.83	maintenanc	maintenanc	maintenanc	maintenanc	21.05	14.35	285.69	maintenanc	maintenanc	maintenanc	
26/10/2024 20:25	7.63	5.3	104.94	15.83	maintenanc	maintenanc	maintenanc	maintenanc	20.93	14.54	287.63	maintenanc	maintenanc	maintenanc	
26/10/2024 20:30	7.52	5.39	105.75	15.83	maintenanc	maintenanc	maintenanc	maintenanc	20.62	14.78	290	maintenanc	maintenanc	maintenanc	
26/10/2024 20:35	7.62	5.35	105.32	15.83	maintenanc	maintenanc	maintenanc	maintenanc	20.88	14.66	288.79	maintenanc	maintenanc	maintenanc	
26/10/2024 20:40	7.53	5.34	105.36	15.83	maintenanc	maintenanc	maintenanc	maintenanc	20.64	14.64	288.85	maintenanc	maintenanc	maintenanc	
26/10/2024 20:45	7.5	5.43	106.46	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.53	14.87	291.51	maintenanc	maintenanc	maintenanc	
26/10/2024 20:50	7.39	5.44	106.56	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.23	14.9	291.82	maintenanc	maintenanc	maintenanc	
26/10/2024 20:55	7.55	5.39	105.7	15.83	maintenanc	maintenanc	maintenanc	maintenanc	20.7	14.76	289.62	maintenanc	maintenanc	maintenanc	
26/10/2024 21:00	7.58	5.35	105.25	15.83	maintenanc	maintenanc	maintenanc	maintenanc	20.77	14.67	288.33	maintenanc	maintenanc	maintenanc	
26/10/2024 21:05	7.57	5.33	105.04	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.72	14.6	287.56	maintenanc	maintenanc	maintenanc	
26/10/2024 21:10	7.6	5.33	105.1	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.81	14.61	287.85	maintenanc	maintenanc	maintenanc	
26/10/2024 21:15	7.53	5.39	105.81	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.6	14.74	289.55	maintenanc	maintenanc	maintenanc	
26/10/2024 21:20	7.41	5.48	106.98	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.28	15	292.74	maintenanc	maintenanc	maintenanc	
26/10/2024 21:25	7.31	5.54	107.7	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20	15.16	294.53	maintenanc	maintenanc	maintenanc	
26/10/2024 21:30	7.35	5.59	108.28	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.12	15.3	296.42	maintenanc	maintenanc	maintenanc	
26/10/2024 21:35	7.3	5.54	107.92	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.97	15.17	295.37	maintenanc	maintenanc	maintenanc	
26/10/2024 21:40	7.34	5.57	107.97	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.08	15.26	295.58	maintenanc	maintenanc	maintenanc	
26/10/2024 21:45	7.36	5.53	107.58	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.14	15.12	294.35	maintenanc	maintenanc	maintenanc	
26/10/2024 21:50	7.41	5.51	107.34	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.3	15.09	293.81	maintenanc	maintenanc	maintenanc	
26/10/2024 21:55	7.41	5.55	107.55	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.29	15.19	294.36	maintenanc	maintenanc	maintenanc	
26/10/2024 22:00	7.56	5.5	106.94	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.7	15.07	292.74	maintenanc	maintenanc	maintenanc	
26/10/2024 22:05	7.46	5.46	106.55	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.41	14.93	291.58	maintenanc	maintenanc	maintenanc	
26/10/2024 22:10	7.5	5.52	107.02	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.54	15.12	292.93	maintenanc	maintenanc	maintenanc	
26/10/2024 22:15	7.34	5.54	107.68	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.07	15.17	294.64	maintenanc	maintenanc	maintenanc	
26/10/2024 22:20	7.37	5.53	107.3	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.17	15.14	293.64	maintenanc	maintenanc	maintenanc	
26/10/2024 22:25	7.39	5.56	107.67	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.24	15.23	294.8	maintenanc	maintenanc	maintenanc	
26/10/2024 22:30	7.37	5.62	108.44	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.19	15.39	296.91	maintenanc	maintenanc	maintenanc	
26/10/2024 22:35	7.38	5.62	108.33	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.19	15.38	296.6	maintenanc	maintenanc	maintenanc	
26/10/2024 22:40	7.27	5.63	108.81	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.91	15.41	297.79	maintenanc	maintenanc	maintenanc	
26/10/2024 22:45	7.21	5.65	108.56	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.73	15.45	297.04	maintenanc	maintenanc	maintenanc	
26/10/2024 22:50	7.26	5.66	108.52	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.88	15.5	297.14	maintenanc	maintenanc	maintenanc	
26/10/2024 22:55	7.23	5.61	108.4	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.8	15.37	296.84	maintenanc	maintenanc	maintenanc	
26/10/2024 23:00	7.3	5.61	108.1	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.98	15.35	295.93	maintenanc	maintenanc	maintenanc	
26/10/2024 23:05	7.23	5.62	108.31	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.8	15.39	296.52	maintenanc	maintenanc	maintenanc	
26/10/2024 23:10	7.24	5.62	108.5	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.83	15.4	297.14	maintenanc	maintenanc	maintenanc	
26/10/2024 23:15	7.27	5.64	108.75	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.91	15.45	297.69	maintenanc	maintenanc	maintenanc	
26/10/2024 23:20	7.31	5.66	108.74	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.99	15.49	297.48	maintenanc	maintenanc	maintenanc	
26/10/2024 23:25	7.25	5.62	108.05	15.82	maintenanc	maintenanc	maintenanc	maintenanc	19.83	15.38	295.5	maintenanc	maintenanc	maintenanc	
26/10/2024 23:30	7.36	5.61	108.27	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.14	15.36	296.25	maintenanc	maintenanc	maintenanc	
26/10/2024 23:35	7.33	5.63	108.34	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.07	15.41	296.39	maintenanc	maintenanc	maintenanc	
26/10/2024 23:40	7.34	5.61	108.1	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.08	15.35	295.69	maintenanc	maintenanc	maintenanc	
26/10/2024 23:45	7.44	5.61	107.77	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.36	15.33	294.71	maintenanc	maintenanc	maintenanc	
26/10/2024 23:50	7.34	5.6	107.93	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.1	15.31	295.34	maintenanc	maintenanc	maintenanc	
26/10/2024 23:55	7.37	5.61	108.12	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.16	15.36	295.84	maintenanc	maintenanc	maintenanc	
27/10/2024 00:00	7.31	5.62	108.12	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20	15.36	295.71	maintenanc	maintenanc	maintenanc	
27/10/2024 00:05	7.36	5.64	108.43	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.12	15.43	296.53	maintenanc	maintenanc	maintenanc	
27/10/2024 00:10	7.32	5.65	108.61	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.04	15.45	297.18	maintenanc	maintenanc	maintenanc	
27/10/2024 00:15	7.35	5.68	108.84	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.12	15.55	297.83	maintenanc	maintenanc	maintenanc	
27/10/2024 00:20	7.38	5.61	108.15	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.2	15.34	296.01	maintenanc	maintenanc	maintenanc	
27/10/2024 00:25	7.53	5.52	106.85	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.61	15.1	292.32	maintenanc	maintenanc	maintenanc	
27/10/2024 00:30	7.52	5.55	107.63	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.57	15.2	294.63	maintenanc	maintenanc	maintenanc	
27/10/2024 00:35	7.47	5.6	107.98	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.45	15.33	295.64	maintenanc	maintenanc	maintenanc	
27/10/2024 00:40	7.38	5.61	108.28	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.21	15.36	296.34	maintenanc	maintenanc	maintenanc	
27/10/2024 00:45	7.48	5.62	108.23	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.47	15.39	296.24	maintenanc	maintenanc	maintenanc	
27/10/2024 00:50	7.44	5.6	107.82	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.36	15.35	295.25	maintenanc	maintenanc	maintenanc	
27/10/2024 00:55	7.5	5.58	107.23	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.54	15.28	293.5	maintenanc	maintenanc	maintenanc	
27/10/2024 01:00	7.46	5.64	107.97	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.43	15.44	295.53	maintenanc	maintenanc	maintenanc	
27/10/2024 01:05	7.36	5.63	107.89	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.14	15.42	295.36	maintenanc	maintenanc	maintenanc	
27/10/2024 01:10	7.63	5.56	106.75	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.9	15.22	292.25	maintenanc	maintenanc	maintenanc	
27/10/2024 01:15	7.6	5.61	107.49	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.8	15.36	294.24	maintenanc	maintenanc	maintenanc	
27/10/2024 01:20	7.42	5.66	107.9	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.3	15.48	295.26	maintenanc	maintenanc	maintenanc	
27/10/2024 01:25	7.48	5.69	108.3	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.47	15.56	296.37	maintenanc	maintenanc	maintenanc	
27/10/2024 01:30	7.43	5.71	108.7	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.34	15.63	297.42	maintenanc	maintenanc	maintenanc	
27/10/2024 01:35	7.35	5.72	108.8	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.11	15.65	297.49	maintenanc	maintenanc	maintenanc	
27/10/2024 01:40	7.41	5.74	108.73	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.27	15.69	297.27	maintenanc	maintenanc	maintenanc	
27/10/2024 01:45	7.56	5.72	108.53	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.68	15.64	296.76	maintenanc	maintenanc	maintenanc	
27/10/2024 01:50	7.55	5.7	107.92	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.66	15.58	295.14	maintenanc	maintenanc	maintenanc	
27/10/2024 01:55	7.49	5.65	107.7	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.47	15.44	294.48	maintenanc	maintenanc	maintenanc	
27/10/2024 02:00	7.6	5.65	107.3	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.77	15.45	293.37	maintenanc	maintenanc	maintenanc	
27/10/2024 02:05	7.6	5.58	106.42	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.79	15.27	290.98	maintenanc	maintenanc	maintenanc	
27/10/2024 02:10	7.74	5.57	106.02	15.82	maintenanc	maintenanc	maintenanc	maintenanc	21.16	15.23	289.98	maintenanc	maintenanc	maintenanc	
27/10/2024 02:15	7.84	5.52	105.34	15.82	maintenanc	maintenanc	maintenanc	maintenanc	21.43	15.09	288.07	maintenanc	maintenanc	maintenanc	
27/10/2024 02:20	7.91	5.5	104.93	15.82	maintenanc	maintenanc	maintenanc	maintenanc	21.64	15.04	286.94	maintenanc	maintenanc	maintenanc	
27/10/2024 02:25	7.95	5.5	105.01	15.82	maintenanc	maintenanc	maintenanc	maintenanc	21.74	15.03	287.2	maintenanc	maintenanc	maintenanc	
27/10/2															



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/10/2024 03:45	7.78	5.68	106.97	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.28	15.51	292.37	Maintenance	Maintenance	Maintenance	
27/10/2024 03:50	7.78	5.71	107.36	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.25	15.59	293.39	Maintenance	Maintenance	Maintenance	
27/10/2024 03:55	7.67	5.71	107.54	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.96	15.6	293.85	Maintenance	Maintenance	Maintenance	
27/10/2024 04:00	7.61	5.78	108.15	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.81	15.79	295.54	Maintenance	Maintenance	Maintenance	
27/10/2024 04:05	7.63	5.77	108.04	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.87	15.78	295.38	Maintenance	Maintenance	Maintenance	
27/10/2024 04:10	7.71	5.77	108.05	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.08	15.78	295.39	Maintenance	Maintenance	Maintenance	
27/10/2024 04:15	7.56	5.78	108.08	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.67	15.78	295.35	Maintenance	Maintenance	Maintenance	
27/10/2024 04:20	7.62	5.78	107.92	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.83	15.79	294.98	Maintenance	Maintenance	Maintenance	
27/10/2024 04:25	7.59	5.8	108.16	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.76	15.87	295.95	Maintenance	Maintenance	Maintenance	
27/10/2024 04:30	7.61	5.8	108.09	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.82	15.86	295.79	Maintenance	Maintenance	Maintenance	
27/10/2024 04:35	7.64	5.78	107.94	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.88	15.81	295.22	Maintenance	Maintenance	Maintenance	
27/10/2024 04:40	7.74	5.76	107.47	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.16	15.75	293.98	Maintenance	Maintenance	Maintenance	
27/10/2024 04:45	7.61	5.76	107.64	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.83	15.76	294.47	Maintenance	Maintenance	Maintenance	
27/10/2024 04:50	7.65	5.75	107.73	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.92	15.73	294.46	Maintenance	Maintenance	Maintenance	
27/10/2024 04:55	7.58	5.78	108.19	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.73	15.82	295.91	Maintenance	Maintenance	Maintenance	
27/10/2024 05:00	7.64	5.83	108.28	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.9	15.93	295.97	Maintenance	Maintenance	Maintenance	
27/10/2024 05:05	7.69	5.82	108.46	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21	15.91	296.36	Maintenance	Maintenance	Maintenance	
27/10/2024 05:10	7.69	5.83	108.52	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.02	15.92	296.49	Maintenance	Maintenance	Maintenance	
27/10/2024 05:15	7.54	5.9	109.32	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.6	16.11	298.59	Maintenance	Maintenance	Maintenance	
27/10/2024 05:20	7.43	5.96	110.36	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.29	16.3	301.53	Maintenance	Maintenance	Maintenance	
27/10/2024 05:25	7.51	5.96	109.87	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.53	16.28	300.16	Maintenance	Maintenance	Maintenance	
27/10/2024 05:30	7.6	5.92	109.73	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.76	16.17	299.69	Maintenance	Maintenance	Maintenance	
27/10/2024 05:35	7.4	5.97	109.99	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.2	16.31	300.43	Maintenance	Maintenance	Maintenance	
27/10/2024 05:40	7.26	6	110.46	15.81	Maintenance	Maintenance	Maintenance	Maintenance	19.82	16.38	301.69	Maintenance	Maintenance	Maintenance	
27/10/2024 05:45	7.56	5.93	109.53	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.63	16.2	299.03	Maintenance	Maintenance	Maintenance	
27/10/2024 05:50	7.39	5.93	109.56	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.18	16.21	299.39	Maintenance	Maintenance	Maintenance	
27/10/2024 05:55	7.46	5.91	109.24	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.39	16.15	298.49	Maintenance	Maintenance	Maintenance	
27/10/2024 06:00	7.66	5.9	108.89	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.92	16.12	297.52	Maintenance	Maintenance	Maintenance	
27/10/2024 06:05	7.69	5.88	108.72	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.03	16.06	297.17	Maintenance	Maintenance	Maintenance	
27/10/2024 06:10	7.73	5.86	108.29	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.12	16.02	295.85	Maintenance	Maintenance	Maintenance	
27/10/2024 06:15	7.69	5.87	108.36	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.01	16.04	296.15	Maintenance	Maintenance	Maintenance	
27/10/2024 06:20	7.6	5.88	108.69	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.77	16.07	297.11	Maintenance	Maintenance	Maintenance	
27/10/2024 06:25	7.6	5.87	108.42	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.77	16.02	296.2	Maintenance	Maintenance	Maintenance	
27/10/2024 06:30	7.6	5.91	108.93	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.75	16.14	297.35	Maintenance	Maintenance	Maintenance	
27/10/2024 06:35	7.59	5.92	109.19	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.71	16.17	298.06	Maintenance	Maintenance	Maintenance	
27/10/2024 06:40	7.53	5.92	109.29	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.59	16.18	298.63	Maintenance	Maintenance	Maintenance	
27/10/2024 06:45	7.39	5.98	109.36	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.18	16.33	298.58	Maintenance	Maintenance	Maintenance	
27/10/2024 06:50	6.22	6.26	112.3	15.8	Maintenance	Maintenance	Maintenance	Maintenance	16.96	17.07	306.16	Maintenance	Maintenance	Maintenance	
27/10/2024 06:55	5.94	6.32	112.5	15.8	Maintenance	Maintenance	Maintenance	Maintenance	16.17	17.21	306.43	Maintenance	Maintenance	Maintenance	
27/10/2024 07:00	6.1	6.16	110.97	15.8	Maintenance	Maintenance	Maintenance	Maintenance	16.63	16.78	302.41	Maintenance	Maintenance	Maintenance	
27/10/2024 07:05	6.21	6.11	110.62	15.8	Maintenance	Maintenance	Maintenance	Maintenance	16.93	16.65	301.44	Maintenance	Maintenance	Maintenance	
27/10/2024 07:10	6.95	5.88	107.89	15.81	Maintenance	Maintenance	Maintenance	Maintenance	18.97	16.06	294.52	Maintenance	Maintenance	Maintenance	
27/10/2024 07:15	7.37	5.88	108.66	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.12	16.06	296.58	Maintenance	Maintenance	Maintenance	
27/10/2024 07:20	7.48	5.83	107.9	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.42	15.91	294.68	Maintenance	Maintenance	Maintenance	
27/10/2024 07:25	7.73	5.79	107.83	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.1	15.81	294.57	Maintenance	Maintenance	Maintenance	
27/10/2024 07:30	7.79	5.78	107.54	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.28	15.8	293.8	Maintenance	Maintenance	Maintenance	
27/10/2024 07:35	7.78	5.8	107.46	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.26	15.84	293.74	Maintenance	Maintenance	Maintenance	
27/10/2024 07:40	7.78	5.81	107.94	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.26	15.86	294.92	Maintenance	Maintenance	Maintenance	
27/10/2024 07:45	7.61	5.93	109.48	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.81	16.2	299.2	Maintenance	Maintenance	Maintenance	
27/10/2024 07:50	7.66	5.93	109.23	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.94	16.19	298.42	Maintenance	Maintenance	Maintenance	
27/10/2024 07:55	7.58	5.96	109.55	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.7	16.27	299.32	Maintenance	Maintenance	Maintenance	
27/10/2024 08:00	7.64	5.97	109.78	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.86	16.32	299.97	Maintenance	Maintenance	Maintenance	
27/10/2024 08:05	7.67	5.94	109.15	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.95	16.22	298.04	Maintenance	Maintenance	Maintenance	
27/10/2024 08:10	7.57	5.94	109.31	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.68	16.21	298.47	Maintenance	Maintenance	Maintenance	
27/10/2024 08:15	7.77	5.88	108.61	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.23	16.07	296.71	Maintenance	Maintenance	Maintenance	
27/10/2024 08:20	7.7	5.79	107.62	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.04	15.83	294.09	Maintenance	Maintenance	Maintenance	
27/10/2024 08:25	7.67	5.76	107.2	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.92	15.71	292.58	Maintenance	Maintenance	Maintenance	
27/10/2024 08:30	7.68	5.71	106.33	15.81	Maintenance	Maintenance	Maintenance	Maintenance	20.98	15.58	290.3	Maintenance	Maintenance	Maintenance	
27/10/2024 08:35	7.82	5.69	106.5	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.37	15.54	290.8	Maintenance	Maintenance	Maintenance	
27/10/2024 08:40	7.88	5.65	105.94	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.51	15.44	289.25	Maintenance	Maintenance	Maintenance	
27/10/2024 08:45	7.92	5.66	105.93	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.61	15.45	289.25	Maintenance	Maintenance	Maintenance	
27/10/2024 08:50	7.88	5.64	105.94	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.51	15.41	289.37	Maintenance	Maintenance	Maintenance	
27/10/2024 08:55	7.91	5.69	106.54	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.62	15.54	291.08	Maintenance	Maintenance	Maintenance	
27/10/2024 09:00	7.89	5.69	106.68	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.56	15.55	291.53	Maintenance	Maintenance	Maintenance	
27/10/2024 09:05	7.81	5.72	107.04	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.36	15.62	292.51	Maintenance	Maintenance	Maintenance	
27/10/2024 09:10	7.65	5.72	107.06	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.91	15.64	292.67	Maintenance	Maintenance	Maintenance	
27/10/2024 09:15	7.78	5.68	106.79	15.81	Maintenance	Maintenance	Maintenance	Maintenance	21.27	15.53	291.92	Maintenance	Maintenance	Maintenance	
27/10/2024 09:20	7.69	5.7	107.24	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.03	15.59	293.19	Maintenance	Maintenance	Maintenance	
27/10/2024 09:25	7.74	5.73	107.63	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.16	15.67	294.27	Maintenance	Maintenance	Maintenance	
27/10/2024 09:30	7.76	5.69	107.38	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.22	15.55	293.6	Maintenance	Maintenance	Maintenance	
27/10/2024 09:35	7.69	5.67	107.21	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.02	15.5	293.21	Maintenance	Maintenance	Maintenance	
27/10/2024 09:40	7.73	5.68	107.33	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.14	15.53	293.59	Maintenance	Maintenance	Maintenance	
27/10/2024 09:45	7.83	5.63	106.56	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.44	15.4	291.55	Maintenance	Maintenance	Maintenance	
27/10/2024 09:50	7.89	5.57	106.23	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.58	15.25	290.71	Maintenance	Maintenance	Maintenance	
27/10/2024 09:55	7.82	5.54	105.69	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.4	15.17	289.24	Maintenance	Maintenance	Maintenance	
27/10/2024 10:00	7.86	5.56	106.03	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.51	15.22	290.25	Maintenance	Maintenance	Maintenance	
27/10/2024 10:05	7.73	5.5	105.55	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.17	15.05	288.95	Maintenance	Maintenance	Maintenance	
27/10/2024 10:10	7.85	5.48	105.26	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.5	15.01	288.31	Maintenance	Maintenance	Maintenance	
27/10/2024 10:15	7.75	5.44	104.84	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.22	14.9	287.19	Maintenance	Maintenance	Maintenance	
27/10/2024 10:20	7.76	5.45	104.87	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.26	14.94	287.33	Maintenance	Maintenance	Maintenance	
27/10/2024 10:25	7.69	5.46	105.31	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.07	14.95	288.59	Maintenance	Maintenance	Maintenance	
27/10/2024 10:30	7.68	5.45	105.45	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.05	14.95	289.09	Maintenance	Maintenance	Maintenance	
27/10/2024 10:35	7.62	5.44	105.75	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.89	14.91	290	Maintenance	Maintenance	Maintenance	
27/10/2024 10:40	7.71	5.39	105.2	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.15	14.78	288.44	Maintenance	Maintenance	Maintenance	
27/10/2024 10:45	7.62	5.39	105.02	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.88	14.77	287.96	Maintenance	Maintenance	Maintenance	
27/10/2024 10:50	7.73	5.39	105.25	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.2	14.78	2				



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/10/2024 11:30	7.53	5.25	105.28	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.64	14.41	288.75	Maintenance	Maintenance	Maintenance	
27/10/2024 11:35	7.62	5.26	105.62	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.94	14.44	290.03	Maintenance	Maintenance	Maintenance	
27/10/2024 11:40	7.54	5.28	105.68	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.7	14.48	290.12	Maintenance	Maintenance	Maintenance	
27/10/2024 11:45	7.67	5.22	105.37	15.83	Maintenance	Maintenance	Maintenance	Maintenance	21.03	14.32	289.08	Maintenance	Maintenance	Maintenance	
27/10/2024 11:50	7.65	5.22	105.68	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21	14.34	290.17	Maintenance	Maintenance	Maintenance	
27/10/2024 11:55	7.73	5.22	105.33	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.22	14.32	289.18	Maintenance	Maintenance	Maintenance	
27/10/2024 12:00	7.67	5.18	105.24	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.05	14.23	289.02	Maintenance	Maintenance	Maintenance	
27/10/2024 12:05	7.72	5.16	105.17	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.2	14.15	288.67	Maintenance	Maintenance	Maintenance	
27/10/2024 12:10	7.71	5.12	104.67	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.17	14.07	287.41	Maintenance	Maintenance	Maintenance	
27/10/2024 12:15	7.81	5.17	105.06	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.44	14.2	288.48	Maintenance	Maintenance	Maintenance	
27/10/2024 12:20	7.8	5.1	105.17	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.41	14	288.8	Maintenance	Maintenance	Maintenance	
27/10/2024 12:25	7.67	5.15	105.3	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.07	14.14	289.27	Maintenance	Maintenance	Maintenance	
27/10/2024 12:30	7.61	5.18	105.52	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.9	14.25	289.98	Maintenance	Maintenance	Maintenance	
27/10/2024 12:35	7.73	5.09	104.59	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.26	14	287.71	Maintenance	Maintenance	Maintenance	
27/10/2024 12:40	7.7	5.12	104.88	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.18	14.09	288.5	Maintenance	Maintenance	Maintenance	
27/10/2024 12:45	7.74	5.16	105.37	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.3	14.19	289.84	Maintenance	Maintenance	Maintenance	
27/10/2024 12:50	7.7	5.14	105.25	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.17	14.13	289.51	Maintenance	Maintenance	Maintenance	
27/10/2024 12:55	7.73	5.14	105.47	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.24	14.13	290	Maintenance	Maintenance	Maintenance	
27/10/2024 13:00	7.74	5.15	105.14	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.27	14.14	288.99	Maintenance	Maintenance	Maintenance	
27/10/2024 13:05	7.8	5.13	105.08	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.44	14.08	288.68	Maintenance	Maintenance	Maintenance	
27/10/2024 13:10	7.79	5.18	105.7	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.37	14.21	290.16	Maintenance	Maintenance	Maintenance	
27/10/2024 13:15	7.72	5.12	105.19	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.2	14.05	288.75	Maintenance	Maintenance	Maintenance	
27/10/2024 13:20	7.61	5.12	105.19	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.9	14.06	288.86	Maintenance	Maintenance	Maintenance	
27/10/2024 13:25	7.58	5.16	105.76	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.83	14.17	290.48	Maintenance	Maintenance	Maintenance	
27/10/2024 13:30	7.66	5.17	105.6	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.03	14.2	290	Maintenance	Maintenance	Maintenance	
27/10/2024 13:35	7.7	5.13	105.27	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.14	14.09	288.95	Maintenance	Maintenance	Maintenance	
27/10/2024 13:40	7.68	5.12	105.07	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.08	14.04	288.39	Maintenance	Maintenance	Maintenance	
27/10/2024 13:45	7.71	5.1	104.67	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.17	13.99	287.34	Maintenance	Maintenance	Maintenance	
27/10/2024 13:50	7.78	5.12	105.26	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.36	14.06	289.01	Maintenance	Maintenance	Maintenance	
27/10/2024 13:55	7.7	5.14	105.34	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.15	14.1	289.19	Maintenance	Maintenance	Maintenance	
27/10/2024 14:00	7.7	5.17	105.61	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.15	14.21	290.07	Maintenance	Maintenance	Maintenance	
27/10/2024 14:05	7.56	5.17	105.89	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.78	14.21	290.93	Maintenance	Maintenance	Maintenance	
27/10/2024 14:10	7.56	5.19	106.31	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.79	14.27	292.26	Maintenance	Maintenance	Maintenance	
27/10/2024 14:15	7.51	5.2	106.51	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.66	14.3	292.99	Maintenance	Maintenance	Maintenance	
27/10/2024 14:20	7.6	5.21	106.54	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.89	14.33	292.91	Maintenance	Maintenance	Maintenance	
27/10/2024 14:25	7.53	5.22	106.68	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.7	14.35	293.22	Maintenance	Maintenance	Maintenance	
27/10/2024 14:30	7.47	5.21	106.31	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.52	14.3	291.98	Maintenance	Maintenance	Maintenance	
27/10/2024 14:35	7.55	5.18	106.02	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.75	14.23	291.37	Maintenance	Maintenance	Maintenance	
27/10/2024 14:40	7.64	5.22	106.21	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21	14.36	291.91	Maintenance	Maintenance	Maintenance	
27/10/2024 14:45	7.67	5.22	106.42	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.07	14.35	292.39	Maintenance	Maintenance	Maintenance	
27/10/2024 14:50	7.47	5.25	106.8	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.54	14.41	293.46	Maintenance	Maintenance	Maintenance	
27/10/2024 14:55	7.45	5.28	107.03	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.48	14.52	294.14	Maintenance	Maintenance	Maintenance	
27/10/2024 15:00	7.42	5.29	107.11	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.41	14.55	294.5	Maintenance	Maintenance	Maintenance	
27/10/2024 15:05	7.55	5.27	106.69	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.76	14.49	293.35	Maintenance	Maintenance	Maintenance	
27/10/2024 15:10	7.73	5.19	105.09	15.85	Maintenance	Maintenance	Maintenance	Maintenance	21.26	14.27	289.02	Maintenance	Maintenance	Maintenance	
27/10/2024 15:15	7.86	5.13	104.79	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21.61	14.1	288.15	Maintenance	Maintenance	Maintenance	
27/10/2024 15:20	7.64	5.21	105.97	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.99	14.32	291.22	Maintenance	Maintenance	Maintenance	
27/10/2024 15:25	7.6	5.22	105.68	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.88	14.35	290.41	Maintenance	Maintenance	Maintenance	
27/10/2024 15:30	7.64	5.27	106.09	15.84	Maintenance	Maintenance	Maintenance	Maintenance	21	14.49	291.61	Maintenance	Maintenance	Maintenance	
27/10/2024 15:35	7.57	5.28	106.58	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.82	14.52	293.17	Maintenance	Maintenance	Maintenance	
27/10/2024 15:40	7.48	5.34	106.82	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.57	14.7	293.78	Maintenance	Maintenance	Maintenance	
27/10/2024 15:45	7.39	5.38	107.48	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.33	14.79	295.65	Maintenance	Maintenance	Maintenance	
27/10/2024 15:50	7.44	5.39	107.53	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.46	14.83	295.74	Maintenance	Maintenance	Maintenance	
27/10/2024 15:55	7.47	5.38	107.42	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.55	14.79	295.4	Maintenance	Maintenance	Maintenance	
27/10/2024 16:00	7.48	5.44	107.97	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.55	14.95	296.77	Maintenance	Maintenance	Maintenance	
27/10/2024 16:05	7.45	5.44	107.7	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.46	14.94	295.95	Maintenance	Maintenance	Maintenance	
27/10/2024 16:10	7.43	5.39	107.21	15.85	Maintenance	Maintenance	Maintenance	Maintenance	20.42	14.82	294.82	Maintenance	Maintenance	Maintenance	
27/10/2024 16:15	7.47	5.41	107.28	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.54	14.86	294.83	Maintenance	Maintenance	Maintenance	
27/10/2024 16:20	7.48	5.43	107.53	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.56	14.92	295.64	Maintenance	Maintenance	Maintenance	
27/10/2024 16:25	7.43	5.44	107.5	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.43	14.95	295.41	Maintenance	Maintenance	Maintenance	
27/10/2024 16:30	7.4	5.44	107.52	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.34	14.93	295.43	Maintenance	Maintenance	Maintenance	
27/10/2024 16:35	7.5	5.48	107.64	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.6	15.05	295.78	Maintenance	Maintenance	Maintenance	
27/10/2024 16:40	7.35	5.46	107.6	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.19	15.01	295.72	Maintenance	Maintenance	Maintenance	
27/10/2024 16:45	7.41	5.48	107.78	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.36	15.05	296.18	Maintenance	Maintenance	Maintenance	
27/10/2024 16:50	7.41	5.48	107.84	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.38	15.08	296.45	Maintenance	Maintenance	Maintenance	
27/10/2024 16:55	7.29	5.5	108.03	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.04	15.11	296.83	Maintenance	Maintenance	Maintenance	
27/10/2024 17:00	7.45	5.48	107.58	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.47	15.06	295.46	Maintenance	Maintenance	Maintenance	
27/10/2024 17:05	7.46	5.51	108.02	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.47	15.13	296.5	Maintenance	Maintenance	Maintenance	
27/10/2024 17:10	7.42	5.49	107.61	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.36	15.06	295.37	Maintenance	Maintenance	Maintenance	
27/10/2024 17:15	7.44	5.52	108.24	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.44	15.15	297.35	Maintenance	Maintenance	Maintenance	
27/10/2024 17:20	7.36	5.48	108.23	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.19	15.02	296.82	Maintenance	Maintenance	Maintenance	
27/10/2024 17:25	8.44	5.02	103.66	15.79	Maintenance	Maintenance	Maintenance	Maintenance	22.96	13.66	282.04	Maintenance	Maintenance	Maintenance	
27/10/2024 17:30	8.46	5.1	104.87	15.78	Maintenance	Maintenance	Maintenance	Maintenance	22.98	13.87	284.97	Maintenance	Maintenance	Maintenance	
27/10/2024 17:35	8.33	5.23	106.91	15.78	Maintenance	Maintenance	Maintenance	Maintenance	22.63	14.22	290.47	Maintenance	Maintenance	Maintenance	
27/10/2024 17:40	8.24	5.24	107.41	15.79	Maintenance	Maintenance	Maintenance	Maintenance	22.39	14.25	292.05	Maintenance	Maintenance	Maintenance	
27/10/2024 17:45	8.08	5.33	108.49	15.79	Maintenance	Maintenance	Maintenance	Maintenance	21.98	14.5	294.98	Maintenance	Maintenance	Maintenance	
27/10/2024 17:50	8.02	5.34	108.34	15.79	Maintenance	Maintenance	Maintenance	Maintenance	21.82	14.52	294.64	Maintenance	Maintenance	Maintenance	
27/10/2024 17:55	7.39	5.63	109.32	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.28	15.43	299.72	Maintenance	Maintenance	Maintenance	
27/10/2024 18:00	7.28	5.71	110.13	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.98	15.66	302.2	Maintenance	Maintenance	Maintenance	
27/10/2024 18:05	7.2	5.68	109.59	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.75	15.58	300.65	Maintenance	Maintenance	Maintenance	
27/10/2024 18:10	7.15	5.68	109.75	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.63	15.58	301.07	Maintenance	Maintenance	Maintenance	
27/10/2024 18:15	7.15	5.71	109.46	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.62	15.67	300.37	Maintenance	Maintenance	Maintenance	
27/10/2024 18:20	7.19	5.7	109.65	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.73	15.65	300.81	Maintenance	Maintenance	Maintenance	
27/10/2024 18:25	7.18	5.76	110.33	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.7	15.8	302.73	Maintenance	Maintenance	Maintenance	
27/10/2024 18:30	7.14	5.75	110.04	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.59	15.79	301.9	Maintenance	Maintenance	Maintenance	
27/10/2024 18:35	7.09	5.8	110.66	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.45	15.91	303.53	Maintenance	Maintenance		



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/10/2024 19:15	7.1	5.88	111.1	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.43	16.1	304.23	Maintenance	Maintenance	Maintenance	
27/10/2024 19:20	7.09	5.87	110.98	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.43	16.07	303.87	Maintenance	Maintenance	Maintenance	
27/10/2024 19:25	7.19	5.82	110.4	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.69	15.93	302.27	Maintenance	Maintenance	Maintenance	
27/10/2024 19:30	7.2	5.83	110.37	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.73	15.98	302.32	Maintenance	Maintenance	Maintenance	
27/10/2024 19:35	7.03	5.86	110.75	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.27	16.05	303.44	Maintenance	Maintenance	Maintenance	
27/10/2024 19:40	7.08	5.9	111.08	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.41	16.17	304.38	Maintenance	Maintenance	Maintenance	
27/10/2024 19:45	7.32	5.8	109.85	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.06	15.88	300.98	Maintenance	Maintenance	Maintenance	
27/10/2024 19:50	7.29	5.78	109.91	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.98	15.84	301.12	Maintenance	Maintenance	Maintenance	
27/10/2024 19:55	7.22	5.78	109.69	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.78	15.83	300.62	Maintenance	Maintenance	Maintenance	
27/10/2024 20:00	7.28	5.77	109.54	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.93	15.8	300.01	Maintenance	Maintenance	Maintenance	
27/10/2024 20:05	7.38	5.64	108.05	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.21	15.45	295.91	Maintenance	Maintenance	Maintenance	
27/10/2024 20:10	7.37	5.68	109.05	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.17	15.55	298.62	Maintenance	Maintenance	Maintenance	
27/10/2024 20:15	7.34	5.76	109.76	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.09	15.77	300.49	Maintenance	Maintenance	Maintenance	
27/10/2024 20:20	7.37	5.79	109.95	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.18	15.84	301.04	Maintenance	Maintenance	Maintenance	
27/10/2024 20:25	7.15	5.84	110.58	15.82	Maintenance	Maintenance	Maintenance	Maintenance	19.58	15.99	302.79	Maintenance	Maintenance	Maintenance	
27/10/2024 20:30	7.04	5.87	110.96	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.28	16.08	303.94	Maintenance	Maintenance	Maintenance	
27/10/2024 20:35	7.2	5.85	110.58	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.73	16.03	302.94	Maintenance	Maintenance	Maintenance	
27/10/2024 20:40	7.24	5.83	110.27	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.83	15.98	302.13	Maintenance	Maintenance	Maintenance	
27/10/2024 20:45	7.14	5.82	110.27	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.58	15.96	302.24	Maintenance	Maintenance	Maintenance	
27/10/2024 20:50	7.27	5.87	110.77	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.92	16.08	303.62	Maintenance	Maintenance	Maintenance	
27/10/2024 20:55	7.12	5.88	110.76	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.51	16.11	303.57	Maintenance	Maintenance	Maintenance	
27/10/2024 21:00	7.18	5.9	110.91	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.69	16.19	304.11	Maintenance	Maintenance	Maintenance	
27/10/2024 21:05	7.2	5.89	110.99	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.75	16.15	304.34	Maintenance	Maintenance	Maintenance	
27/10/2024 21:10	7.21	5.9	110.93	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.77	16.18	304.23	Maintenance	Maintenance	Maintenance	
27/10/2024 21:15	7.15	5.93	111.64	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.6	16.26	306.16	Maintenance	Maintenance	Maintenance	
27/10/2024 21:20	6.98	6.05	112.67	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.15	16.58	308.9	Maintenance	Maintenance	Maintenance	
27/10/2024 21:25	7.08	5.96	111.85	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.42	16.36	306.73	Maintenance	Maintenance	Maintenance	
27/10/2024 21:30	7.18	5.96	111.78	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.67	16.34	306.4	Maintenance	Maintenance	Maintenance	
27/10/2024 21:35	7.28	5.86	110.37	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.97	16.07	302.6	Maintenance	Maintenance	Maintenance	
27/10/2024 21:40	7.32	5.84	110.44	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.09	16.03	303	Maintenance	Maintenance	Maintenance	
27/10/2024 21:45	7.27	5.9	110.85	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.93	16.17	303.98	Maintenance	Maintenance	Maintenance	
27/10/2024 21:50	7.32	5.89	110.5	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.05	16.14	302.87	Maintenance	Maintenance	Maintenance	
27/10/2024 21:55	7.29	5.85	110.28	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.97	16.03	302.28	Maintenance	Maintenance	Maintenance	
27/10/2024 22:00	7.36	5.83	110.03	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.16	15.98	301.58	Maintenance	Maintenance	Maintenance	
27/10/2024 22:05	7.33	5.89	110.57	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.11	16.16	303.17	Maintenance	Maintenance	Maintenance	
27/10/2024 22:10	7.35	5.86	110	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.15	16.07	301.58	Maintenance	Maintenance	Maintenance	
27/10/2024 22:15	7.33	5.82	109.42	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.11	15.97	300.07	Maintenance	Maintenance	Maintenance	
27/10/2024 22:20	7.38	5.8	109.09	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.24	15.92	299.25	Maintenance	Maintenance	Maintenance	
27/10/2024 22:25	7.38	5.8	109.05	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.26	15.92	299.28	Maintenance	Maintenance	Maintenance	
27/10/2024 22:30	7.32	5.87	109.66	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.08	16.09	300.78	Maintenance	Maintenance	Maintenance	
27/10/2024 22:35	7.34	5.82	109.43	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.13	15.97	300.27	Maintenance	Maintenance	Maintenance	
27/10/2024 22:40	7.44	5.82	109.29	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.42	15.96	299.93	Maintenance	Maintenance	Maintenance	
27/10/2024 22:45	7.41	5.82	109.18	15.84	Maintenance	Maintenance	Maintenance	Maintenance	20.34	15.99	299.77	Maintenance	Maintenance	Maintenance	
27/10/2024 22:50	7.43	5.84	109.46	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.39	16.01	300.3	Maintenance	Maintenance	Maintenance	
27/10/2024 22:55	7.45	5.86	109.38	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.43	16.06	299.9	Maintenance	Maintenance	Maintenance	
27/10/2024 23:00	7.43	5.87	109.6	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.36	16.1	300.47	Maintenance	Maintenance	Maintenance	
27/10/2024 23:05	7.43	5.86	109.31	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.35	16.07	299.6	Maintenance	Maintenance	Maintenance	
27/10/2024 23:10	7.41	5.87	109.38	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.33	16.1	299.99	Maintenance	Maintenance	Maintenance	
27/10/2024 23:15	7.32	5.9	109.38	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.07	16.17	299.93	Maintenance	Maintenance	Maintenance	
27/10/2024 23:20	7.37	5.9	109.6	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.2	16.16	300.4	Maintenance	Maintenance	Maintenance	
27/10/2024 23:25	7.41	5.9	109.43	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.29	16.16	299.81	Maintenance	Maintenance	Maintenance	
27/10/2024 23:30	7.31	5.92	109.7	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.05	16.21	300.65	Maintenance	Maintenance	Maintenance	
27/10/2024 23:35	7.5	5.9	109.42	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.57	16.16	299.93	Maintenance	Maintenance	Maintenance	
27/10/2024 23:40	7.39	5.88	109.34	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.25	16.13	299.77	Maintenance	Maintenance	Maintenance	
27/10/2024 23:45	7.37	5.95	110.1	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.22	16.32	301.86	Maintenance	Maintenance	Maintenance	
27/10/2024 23:50	7.28	5.95	110.2	15.83	Maintenance	Maintenance	Maintenance	Maintenance	19.95	16.31	301.94	Maintenance	Maintenance	Maintenance	
27/10/2024 23:55	7.37	5.99	110.57	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.17	16.38	302.66	Maintenance	Maintenance	Maintenance	
28/10/2024 00:00	7.31	5.97	110.38	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.02	16.34	302.18	Maintenance	Maintenance	Maintenance	
28/10/2024 00:05	7.33	5.96	110.05	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.08	16.32	301.39	Maintenance	Maintenance	Maintenance	
28/10/2024 00:10	7.37	5.96	110.08	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.2	16.33	301.51	Maintenance	Maintenance	Maintenance	
28/10/2024 00:15	7.44	5.97	110.04	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.37	16.36	301.52	Maintenance	Maintenance	Maintenance	
28/10/2024 00:20	7.32	5.95	109.57	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.08	16.29	300.31	Maintenance	Maintenance	Maintenance	
28/10/2024 00:25	7.36	5.93	109.68	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.16	16.25	300.42	Maintenance	Maintenance	Maintenance	
28/10/2024 00:30	7.38	5.94	109.57	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.21	16.26	300.07	Maintenance	Maintenance	Maintenance	
28/10/2024 00:35	7.57	5.96	109.6	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.73	16.32	300.02	Maintenance	Maintenance	Maintenance	
28/10/2024 00:40	7.44	5.91	109.23	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.38	16.18	298.97	Maintenance	Maintenance	Maintenance	
28/10/2024 00:45	7.53	5.92	108.79	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.6	16.2	297.7	Maintenance	Maintenance	Maintenance	
28/10/2024 00:50	7.45	5.93	109.45	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.39	16.22	299.51	Maintenance	Maintenance	Maintenance	
28/10/2024 00:55	7.64	5.92	109.5	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.91	16.22	299.9	Maintenance	Maintenance	Maintenance	
28/10/2024 01:00	7.33	5.99	109.94	15.83	Maintenance	Maintenance	Maintenance	Maintenance	20.09	16.42	301.23	Maintenance	Maintenance	Maintenance	
28/10/2024 01:05	7.43	5.98	109.73	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.34	16.37	300.47	Maintenance	Maintenance	Maintenance	
28/10/2024 01:10	7.51	5.95	109.46	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.57	16.28	299.69	Maintenance	Maintenance	Maintenance	
28/10/2024 01:15	7.49	5.95	109.44	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.49	16.28	299.53	Maintenance	Maintenance	Maintenance	
28/10/2024 01:20	7.52	5.91	108.56	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.57	16.18	296.99	Maintenance	Maintenance	Maintenance	
28/10/2024 01:25	7.62	5.81	107.69	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.84	15.89	294.69	Maintenance	Maintenance	Maintenance	
28/10/2024 01:30	7.75	5.79	107.37	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.22	15.85	293.83	Maintenance	Maintenance	Maintenance	
28/10/2024 01:35	7.69	5.88	108.19	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.05	16.08	296.01	Maintenance	Maintenance	Maintenance	
28/10/2024 01:40	7.76	5.86	108.2	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.23	16.03	295.92	Maintenance	Maintenance	Maintenance	
28/10/2024 01:45	7.73	5.9	108.41	15.82	Maintenance	Maintenance	Maintenance	Maintenance	21.14	16.13	296.52	Maintenance	Maintenance	Maintenance	
28/10/2024 01:50	7.65	5.92	108.82	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.93	16.19	297.65	Maintenance	Maintenance	Maintenance	
28/10/2024 01:55	7.52	5.94	109.04	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.58	16.24	298.3	Maintenance	Maintenance	Maintenance	
28/10/2024 02:00	7.57	6.03	109.75	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.71	16.5	300.24	Maintenance	Maintenance	Maintenance	
28/10/2024 02:05	7.51	6.02	109.97	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.54	16.48	300.92	Maintenance	Maintenance	Maintenance	
28/10/2024 02:10	7.51	6.05	110.27	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.54	16.56	301.75	Maintenance	Maintenance	Maintenance	
28/10/2024 02:15	7.35	6.08	110.4	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.11	16.64	302.1	Maintenance	Maintenance	Maintenance	
28/10/2024 02:20	7.42	6.08	110.35	15.82	Maintenance	Maintenance	Maintenance	Maintenance	20.3	16.64					



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
28/10/2024 03:00	7.56	6.19	111.52	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.68	16.93	305.07	maintenanc	maintenanc	maintenanc	
28/10/2024 03:05	7.39	6.29	112.67	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.23	17.22	308.27	maintenanc	maintenanc	maintenanc	
28/10/2024 03:10	7.36	6.36	113.46	15.82	maintenanc	maintenanc	maintenanc	maintenanc	20.12	17.4	310.3	maintenanc	maintenanc	maintenanc	
28/10/2024 03:15	7.38	6.31	112.85	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.17	17.23	308.39	maintenanc	maintenanc	maintenanc	
28/10/2024 03:20	7.49	6.32	112.69	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.47	17.27	307.99	maintenanc	maintenanc	maintenanc	
28/10/2024 03:25	7.5	6.31	112.57	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.5	17.24	307.55	maintenanc	maintenanc	maintenanc	
28/10/2024 03:30	7.43	6.34	112.85	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.31	17.33	308.33	maintenanc	maintenanc	maintenanc	
28/10/2024 03:35	7.42	6.36	113.03	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.25	17.36	308.66	maintenanc	maintenanc	maintenanc	
28/10/2024 03:40	7.55	6.32	112.55	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.62	17.25	307.33	maintenanc	maintenanc	maintenanc	
28/10/2024 03:45	7.5	6.31	112.07	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.48	17.24	306.06	maintenanc	maintenanc	maintenanc	
28/10/2024 03:50	7.56	6.29	111.66	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.66	17.18	304.97	maintenanc	maintenanc	maintenanc	
28/10/2024 03:55	7.49	6.3	111.89	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.46	17.2	305.5	maintenanc	maintenanc	maintenanc	
28/10/2024 04:00	7.49	6.3	111.55	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.47	17.21	304.63	maintenanc	maintenanc	maintenanc	
28/10/2024 04:05	7.39	6.34	112.19	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.19	17.3	306.35	maintenanc	maintenanc	maintenanc	
28/10/2024 04:10	7.41	6.4	112.48	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.23	17.49	307.06	maintenanc	maintenanc	maintenanc	
28/10/2024 04:15	7.26	6.42	112.83	15.81	maintenanc	maintenanc	maintenanc	maintenanc	19.82	17.53	307.92	maintenanc	maintenanc	maintenanc	
28/10/2024 04:20	7.45	6.41	112.37	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.32	17.48	306.51	maintenanc	maintenanc	maintenanc	
28/10/2024 04:25	7.43	6.37	112.08	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.28	17.38	305.73	maintenanc	maintenanc	maintenanc	
28/10/2024 04:30	7.39	6.4	112.39	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.16	17.45	306.58	maintenanc	maintenanc	maintenanc	
28/10/2024 04:35	7.48	6.38	111.7	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.4	17.39	304.64	maintenanc	maintenanc	maintenanc	
28/10/2024 04:40	7.49	6.42	112.23	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.44	17.52	306.19	maintenanc	maintenanc	maintenanc	
28/10/2024 04:45	7.57	6.39	112.22	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.66	17.44	306.43	maintenanc	maintenanc	maintenanc	
28/10/2024 04:50	7.55	6.36	111.68	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.61	17.37	304.92	maintenanc	maintenanc	maintenanc	
28/10/2024 04:55	7.62	6.37	111.28	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.78	17.38	303.68	maintenanc	maintenanc	maintenanc	
28/10/2024 05:00	7.49	6.4	111.55	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.44	17.45	304.25	maintenanc	maintenanc	maintenanc	
28/10/2024 05:05	7.53	6.37	111.61	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.53	17.39	304.49	maintenanc	maintenanc	maintenanc	
28/10/2024 05:10	7.6	6.39	111.42	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.72	17.44	303.81	maintenanc	maintenanc	maintenanc	
28/10/2024 05:15	7.74	6.36	111.02	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.11	17.35	302.93	maintenanc	maintenanc	maintenanc	
28/10/2024 05:20	7.47	6.45	112.18	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.37	17.59	306.07	maintenanc	maintenanc	maintenanc	
28/10/2024 05:25	7.4	6.5	113.03	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.18	17.71	308.12	maintenanc	maintenanc	maintenanc	
28/10/2024 05:30	7.51	6.45	112.18	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.46	17.56	305.72	maintenanc	maintenanc	maintenanc	
28/10/2024 05:35	7.69	6.29	110.27	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.97	17.15	300.57	maintenanc	maintenanc	maintenanc	
28/10/2024 05:40	7.68	6.28	109.75	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.93	17.11	299.18	maintenanc	maintenanc	maintenanc	
28/10/2024 05:45	7.67	6.29	109.84	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.9	17.14	299.43	maintenanc	maintenanc	maintenanc	
28/10/2024 05:50	7.67	6.37	110.81	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.93	17.36	302.13	maintenanc	maintenanc	maintenanc	
28/10/2024 05:55	7.55	6.41	111.64	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.58	17.47	304.35	maintenanc	maintenanc	maintenanc	
28/10/2024 06:00	7.73	6.44	111.88	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.07	17.55	304.99	maintenanc	maintenanc	maintenanc	
28/10/2024 06:05	7.72	6.39	111.29	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.04	17.41	303.23	maintenanc	maintenanc	maintenanc	
28/10/2024 06:10	7.82	6.32	110.51	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.33	17.23	301.4	maintenanc	maintenanc	maintenanc	
28/10/2024 06:15	7.88	6.26	109.98	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.48	17.07	299.89	maintenanc	maintenanc	maintenanc	
28/10/2024 06:20	7.87	6.3	110.3	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.46	17.19	300.75	maintenanc	maintenanc	maintenanc	
28/10/2024 06:25	7.89	6.31	110.57	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.5	17.19	301.4	maintenanc	maintenanc	maintenanc	
28/10/2024 06:30	7.88	6.37	111.15	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.47	17.36	302.88	maintenanc	maintenanc	maintenanc	
28/10/2024 06:35	7.75	6.38	111.15	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.13	17.39	302.85	maintenanc	maintenanc	maintenanc	
28/10/2024 06:40	7.59	6.37	111.24	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.68	17.36	303.17	maintenanc	maintenanc	maintenanc	
28/10/2024 06:45	7.77	6.39	111.44	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.17	17.41	303.7	maintenanc	maintenanc	maintenanc	
28/10/2024 06:50	7.76	6.39	111.72	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.14	17.42	304.59	maintenanc	maintenanc	maintenanc	
28/10/2024 06:55	7.71	6.46	112.35	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.02	17.6	306.31	maintenanc	maintenanc	maintenanc	
28/10/2024 07:00	7.8	6.43	111.96	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.26	17.54	305.27	maintenanc	maintenanc	maintenanc	
28/10/2024 07:05	7.7	6.49	112.46	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.01	17.71	306.71	maintenanc	maintenanc	maintenanc	
28/10/2024 07:10	7.79	6.45	112.24	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.27	17.6	306.35	maintenanc	maintenanc	maintenanc	
28/10/2024 07:15	7.55	6.5	112.64	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.59	17.72	307.27	maintenanc	maintenanc	maintenanc	
28/10/2024 07:20	7.61	6.52	112.85	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.76	17.79	307.77	maintenanc	maintenanc	maintenanc	
28/10/2024 07:25	7.65	6.52	113.08	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.87	17.79	308.45	maintenanc	maintenanc	maintenanc	
28/10/2024 07:30	7.62	6.47	112.19	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.79	17.65	306.11	maintenanc	maintenanc	maintenanc	
28/10/2024 07:35	7.62	6.48	112.48	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.77	17.67	306.73	maintenanc	maintenanc	maintenanc	
28/10/2024 07:40	7.56	6.48	112.73	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.62	17.68	307.34	maintenanc	maintenanc	maintenanc	
28/10/2024 07:45	7.55	6.51	112.83	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.58	17.74	307.51	maintenanc	maintenanc	maintenanc	
28/10/2024 07:50	7.54	6.51	112.94	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.56	17.74	307.83	maintenanc	maintenanc	maintenanc	
28/10/2024 07:55	7.66	6.5	112.55	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.89	17.71	306.79	maintenanc	maintenanc	maintenanc	
28/10/2024 08:00	7.53	6.46	112.32	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.53	17.63	306.31	maintenanc	maintenanc	maintenanc	
28/10/2024 08:05	7.7	6.47	112.37	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21	17.64	306.52	maintenanc	maintenanc	maintenanc	
28/10/2024 08:10	7.6	6.47	112.24	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.75	17.65	306.29	maintenanc	maintenanc	maintenanc	
28/10/2024 08:15	7.59	6.43	111.95	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.71	17.56	305.61	maintenanc	maintenanc	maintenanc	
28/10/2024 08:20	7.72	6.39	111.39	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.08	17.44	304.09	maintenanc	maintenanc	maintenanc	
28/10/2024 08:25	7.72	6.38	111.43	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.08	17.43	304.33	maintenanc	maintenanc	maintenanc	
28/10/2024 08:30	7.69	6.39	111.62	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.98	17.44	304.66	maintenanc	maintenanc	maintenanc	
28/10/2024 08:35	7.74	6.36	111.16	15.8	maintenanc	maintenanc	maintenanc	maintenanc	21.11	17.36	303.23	maintenanc	maintenanc	maintenanc	
28/10/2024 08:40	7.78	6.34	110.96	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.23	17.3	302.84	maintenanc	maintenanc	maintenanc	
28/10/2024 08:45	7.75	6.33	110.83	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.16	17.27	302.57	maintenanc	maintenanc	maintenanc	
28/10/2024 08:50	7.83	6.35	111.09	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.38	17.34	303.35	maintenanc	maintenanc	maintenanc	
28/10/2024 08:55	7.68	6.34	111.35	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.96	17.31	303.87	maintenanc	maintenanc	maintenanc	
28/10/2024 09:00	7.66	6.4	111.97	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.9	17.46	305.56	maintenanc	maintenanc	maintenanc	
28/10/2024 09:05	7.65	6.37	111.99	15.8	maintenanc	maintenanc	maintenanc	maintenanc	20.86	17.39	305.48	maintenanc	maintenanc	maintenanc	
28/10/2024 09:10	7.81	6.37	111.57	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.3	17.37	304.44	maintenanc	maintenanc	maintenanc	
28/10/2024 09:15	7.67	6.29	110.97	15.81	maintenanc	maintenanc	maintenanc	maintenanc	20.95	17.17	302.91	maintenanc	maintenanc	maintenanc	
28/10/2024 09:20	7.92	6.22	109.69	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.62	16.99	299.46	maintenanc	maintenanc	maintenanc	
28/10/2024 09:25	7.72	6.21	109.63	15.81	maintenanc	maintenanc	maintenanc	maintenanc	21.07	16.94	299.22	maintenanc	maintenanc	maintenanc	
28/10/2024 09:30															















































Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx@	ck1_SO2@	ck1_CO@	ck2_NOx@	ck2_SO2@	ck2_CO@	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
Minimum	5.88	2.47	0.24	14.87	2.12	0	0.27	14.9	0	0	0	0	0	0	
MinDate	10/2024 17:05:10	10/2024 17:05:10	10/2024 09:05:10	10/2024 15:05:10	10/2024 17:05:10	10/2024 17:05:10	10/2024 17:05:10	10/2024 14:05:10	10/2024 15:05:10	10/2024 09:05:10	10/2024 09:05:10	10/2024 09:05:10	10/2024 05:05:10	10/2024 17:05:10	10/2024 05:10:00
Maximum	13.43	8.59	128.23	21.27	14.56	12.13	91.32	21.34	65.54	31.61	444.57	1401.84	302.78	946.7	
MaxDate	10/2024 17:05:10	10/2024 07:05:10	10/2024 13:05:10	10/2024 09:05:10	10/2024 21:05:10	10/2024 09:05:10	10/2024 09:05:10	10/2024 09:05:10	10/2024 14:05:10	10/2024 09:05:10	10/2024 17:05:10	10/2024 14:05:10	10/2024 04:05:10	10/2024 17:05:10	10/2024 17:20:00
Avg	10.41	5.8	106.54	15.52	10.79	3.15	62.4	15.99	26.86	14.98	275.68	32.9	9.58	176.6	
Num	7778	7778	7778	7778	5911	5911	5911	5911	7778	7778	7778	5911	5911	5911	
Data[%]	87.1	87.1	87.1	87.1	66.2	66.2	66.2	66.2	87.1	87.1	87.1	66.2	66.2	66.2	
STD	1.5	1.1	4.3	0.3	1.4	1	11.2	0.9	3.6	2.8	18.1	36.9	8.1	24.6	































Site DCAPI Period: 01/11/2024 00:00-30/11/2024 23:59 Type: AVG														
Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
05/11/2024 00:15	12.52	2.22	119.49	15.4	15.94	1.38	60.69	15.87	31.64	5.62	301.95	44.07	3.8	167.82
05/11/2024 00:20	12.53	2.3	119.83	15.41	15.27	1.32	63.6	15.85	31.7	5.81	303.19	42.13	3.08	174.61
05/11/2024 00:25	12.67	2.11	119.42	15.42	16.02	1.41	60.25	15.92	32.2	5.62	306.58	44.71	3.68	168.58
05/11/2024 00:30	12.34	2.16	119.42	15.4	15.98	1.39	60.94	15.86	31.18	5.45	301.78	44.12	3.84	168.2
05/11/2024 00:35	12.88	2.53	119.6	15.41	15.52	1.13	62.81	15.85	32.63	6.41	302.95	42.79	3.11	172.6
05/11/2024 00:40	12.78	2.23	117.39	15.42	16.09	1.33	60.2	15.92	32.47	5.65	297.42	44.94	3.74	168.17
05/11/2024 00:45	12.18	2.1	120.1	15.4	16.19	1.28	60.25	15.9	30.77	5.31	303.27	44.99	3.56	167.44
05/11/2024 00:50	12.32	2.32	119.88	15.43	15.22	1.22	62.4	15.89	32.61	6.88	304.22	42.62	3.07	172.84
05/11/2024 00:55	12.96	2.66	118.94	15.43	15.93	1.45	58.85	16.06	33.02	6.75	301.89	45.78	4.17	169.15
05/11/2024 01:00	12.44	2.39	120.35	15.4	15.98	1.53	59.45	16.04	31.41	6.05	303.96	45.72	4.38	170.06
05/11/2024 01:05	13.07	2.42	118.93	15.41	15.36	1.14	63.15	15.89	33.07	6.11	303.56	42.69	3.16	174.57
05/11/2024 01:10	12.89	2.16	119.43	15.43	15.85	1.17	59.41	15.85	32.43	5.41	303.8	44.81	4.04	168.8
05/11/2024 01:15	12.41	2.27	120.22	15.4	15.94	1.45	59.73	15.94	31.37	5.75	303.83	44.64	4.07	167.32
05/11/2024 01:20	12.77	2.77	120.27	15.41	15.29	1.15	61.66	15.99	32.35	7.01	304.62	43.38	3.25	174.13
05/11/2024 01:25	12.77	2.45	119.2	15.43	15.43	1.4	58.68	16.13	32.51	6.22	302.76	45.67	4.08	171.1
05/11/2024 01:30	12.35	2.24	120.21	15.4	15.78	1.42	58.96	16.1	31.21	5.66	303.7	45.73	4.12	170.92
05/11/2024 01:35	12.89	2.72	120.27	15.45	15.45	1.19	62.89	15.85	32.61	6.88	304.22	42.62	3.29	172.84
05/11/2024 01:40	12.42	2.13	118.77	15.41	15.95	1.44	59.67	15.97	31.53	5.4	300.73	44.94	4.04	168.13
05/11/2024 01:45	12.36	2.39	120.48	15.39	16.13	1.45	60.06	15.94	31.19	6.04	304.06	45.17	4.07	168.24
05/11/2024 01:50	13	2.73	121.3	15.4	15.51	1.2	60.89	15.93	32.85	6.9	306.48	43.48	3.37	170.21
05/11/2024 01:55	12.51	2.53	117.22	15.43	15.86	1.44	59.33	16.05	33.17	6.42	300.23	45.16	4.13	170.04
05/11/2024 02:00	12.45	2.38	120.53	15.4	15.84	1.54	59.8	16.03	31.44	6.05	304.4	45.19	4.15	170.55
05/11/2024 02:05	11.55	1.68	120.85	15.39	15.33	1.08	62.81	15.91	29.13	4.25	304.92	42.84	3.02	175.11
05/11/2024 02:10	11.88	1.74	118.89	15.41	15.96	1.46	59.1	16.04	30.16	4.42	300.8	45.65	4.18	169.06
05/11/2024 02:15	12.62	2.47	119.79	15.4	16.05	1.5	59.61	16.01	31.88	6.25	302.87	45.52	4.27	169.47
05/11/2024 02:20	13.35	3.19	120.85	15.41	15.88	1.2	61.27	15.88	33.25	6.88	304.22	42.62	3.68	168.58
05/11/2024 02:25	13.07	2.62	117.78	15.43	15.98	1.5	59.04	16.01	33.25	6.65	298.55	45.42	4.28	167.86
05/11/2024 02:30	12.69	2.48	119.28	15.4	16.13	1.56	59.36	15.99	32.05	6.26	301.34	45.63	4.42	167.96
05/11/2024 02:35	12.13	2.18	120.19	15.4	15.46	1.16	61.2	15.94	30.65	5.5	303.87	43.46	3.25	171.17
05/11/2024 02:40	12.51	2.35	117.22	15.43	15.86	1.44	59.33	16.13	31.91	6.28	297.45	46.24	4.2	168.15
05/11/2024 02:45	12.3	2.22	119.76	15.38	15.91	1.45	57.98	16.1	31.03	5.61	302.15	46.11	4.21	168.08
05/11/2024 02:50	12.79	2.59	119.36	15.4	15.44	1.2	61.19	15.96	32.3	6.54	301.57	43.52	3.37	171.74
05/11/2024 02:55	12.83	2.38	115.73	15.42	15.73	1.44	58.13	16.09	32.57	6.02	293.22	45.43	4.17	167.88
05/11/2024 03:00	12.24	2.24	119.57	15.39	15.73	1.45	58.42	16.02	30.88	5.66	301.62	44.81	4.14	166.36
05/11/2024 03:05	13.49	3.24	120.48	15.41	15.37	1.08	60.22	15.88	33.25	6.88	304.22	42.62	3.68	168.58
05/11/2024 03:10	13.18	2.65	116.37	15.45	15.55	1.41	56.43	16.25	33.69	6.75	295.82	46.53	4.21	168.78
05/11/2024 03:15	12.43	2.2	119.93	15.39	15.56	1.41	56.69	16.24	31.36	5.54	300.02	46.46	4.2	169.23
05/11/2024 03:20	13.66	2.88	117.52	15.4	15.77	1.16	59.63	15.97	34.54	7.28	297.25	44.59	3.28	167.71
05/11/2024 03:25	13.49	2.57	118.37	15.43	16.01	1.5	57.89	16.01	34.58	7.28	297.25	44.59	3.28	167.71
05/11/2024 03:30	12.69	2.35	118.82	15.39	16.25	1.41	56.64	16.14	32.05	5.93	300.01	47.47	4.11	165.48
05/11/2024 03:35	12.51	2.16	119.15	15.4	15.48	1.13	59.68	16.09	31.6	5.46	300.98	44.9	3.27	171.76
05/11/2024 03:40	12.31	1.82	118.26	15.42	15.29	1.43	54.98	16.39	31.32	4.62	300.17	47.12	4.41	169.38
05/11/2024 03:45	12.43	2.17	118.55	15.39	15.27	1.45	55.58	16.35	31.39	5.49	299.29	46.67	4.44	168.9
05/11/2024 03:50	13.21	2.43	119.57	15.4	15.36	1.08	60.22	15.88	33.25	6.88	304.22	42.62	3.68	168.58
05/11/2024 03:55	12.96	2.09	115.31	15.43	15.69	1.43	55.37	16.28	33.06	5.31	292.61	47.19	4.31	166.48
05/11/2024 04:00	12.79	2.43	118.85	15.39	15.7	1.47	55.28	16.27	32.29	6.12	300.01	47.11	4.41	165.86
05/11/2024 04:05	13	2.43	118.92	15.4	15.55	1.18	60.2	16.05	32.84	6.15	300.45	44.68	3.39	172.28
05/11/2024 04:10	12.98	2.24	118.19	15.43	15.97	1.41	58.97	16.13	33.07	5.69	297.42	46.95	4.1	167.2
05/11/2024 04:15	12.76	2.33	119.31	15.39	16.05	1.2	56.17	16.14	31.2	5.49	299.29	46.67	4.07	164.16
05/11/2024 04:20	13.45	2.77	117.19	15.4	15.52	1.21	60.64	16.01	34.02	7.03	296.32	44.25	3.44	171.85
05/11/2024 04:25	13.2	2.41	115.66	15.43	15.88	1.49	57.08	16.18	33.65	6.13	293.47	46.8	4.38	168.25
05/11/2024 04:30	12.5	2.32	119.48	15.4	15.98	1.56	57.63	16.16	31.59	5.86	301.87	46.88	4.59	169.02
05/11/2024 04:35	12.67	2.18	119.47	15.43	15.31	1.47	59.54	16.14	30.79	5.49	299.29	46.67	4.1	167.2
05/11/2024 04:40	12.92	2.38	116.81	15.45	15.65	1.39	53.55	16.46	33.07	6.05	296.89	48.97	4.36	167.49
05/11/2024 04:45	12.77	2.45	119.29	15.4	15.72	1.41	54	16.43	32.26	6.19	301.27	48.84	4.37	167.79
05/11/2024 04:50	13.78	2.97	118.88	15.41	14.73	1.07	53.7	16.63	34.9	7.53	301.04	48.35	3.48	173.49
05/11/2024 04:55	13.19	2.35	116.49	15.43	15.15	1.15	46.26	17.14	34.22	6.98	295.15	53.87	4.02	170.5
05/11/2024 05:00	12.72	2.31	118.51	15.39	14.81	1.04	45.87	17.16	32.12	5.83	299.16	54.31	4.24	169.79
05/11/2024 05:05	12.89	2.23	118.8	15.4	14.95	1.07	56.13	16.46	32.54	5.64	300.06	47.24	3.37	174.29
05/11/2024 05:10	12.92	2.2	116.44	15.46	14.96	1.25	48.83	16.9	33.21	5.62	296.28	52.04	4.34	169.85
05/11/2024 05:15	12.63	2.41	118.87	15.4	14.83	1.25	48.39	16.95	31.92	6.09	302.93	52.12	4.4	170.08
05/11/2024 05:20	12.97	2.75	120.54	15.4	14.57	1.12	54.17	16.66	33.25	6.97	305.15	48.97	4.69	170.55
05/11/2024 05:25	12.85	2.48	118.04	15.48	14.4	1.26	47.83	17.17	33.21	6.38	301.36	53.68	4.71	178.25
05/11/2024 05:30	12.47	2.59	121.58	15.4	14.72	1.28	47.91	17.11	31.5	6.54	307.14	53.95	4.7	175.6
05/11/2024 05:35	12.19	3.05	121.82	15.41	14.32	1.05	52.14	16.84	33.38	7.72	308.3	49.54	3.6	181.23
05/11/2024 05:40	12.83	2.69	118.51	15.43	13.86	1.2	45.43	17.84	33.66	6.92	303.84	55.3	4.3	177.68
05/11/2024 05:45	12.56	2.51	121.31	15.39	13.83	1.12	45.35	17.45	31.2	6.88	308.23	53.94	4.82	181.52
05/11/2024 05:50	12.95	3.04	120.81	15.41	15.09	1.14	56.73	16.38	32.76	7.69	305.67	46.8	3.52	173.49
05/11/2024 05:55	12.73	2.5	117.6	15.46	15.08	1.26	50.67	16.77	32.68	6.39	299.29	50.8	4.25	170.66
05/11/2024 06:00	12.89	2.46	119.11	15.4	15.2	1.25	50.73	16.76	32.58	6.22	300.92	51.08	4.2	170.44
05/11/2024 06:05	13.38	2.28	117.64	15.43	14.96	1.05	54.19	16.81	33.25	5.75	297.42	47.19	4.38	170.5
05/11/2024 06:10	12.94	2	115.36	15.46	14.68	1.22	48.96	16.88	33.2	5.1	293.42	50.77	4.22	169.28
05/11/2024 06:15	12.62	2.28	118.71	15.39	14.53	1.22	49.2	16.87	31.87	5.77	299.71	50.1	4.2	169.66
05/11/2024 06:20	13.24	2.63	120.37	15.4	14.98	1.08								



Date & Time	Stack1_N0x	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_N0x	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_N0x@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_N0x@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
05/11/2024 14:00	12.53	1.4	115.96	15.41	12.83	0.05	30.86	18.47	31.74	3.55	293.74	73.34	0.27	176.43
05/11/2024 14:05	13.01	1.53	115.74	15.42	14.03	0.13	45.96	17.32	32.98	3.89	293.49	56.34	0.54	184.05
05/11/2024 14:10	12.66	1.36	115.53	15.43	13.21	0.23	33.79	18.21	34.24	3.99	293.44	69.14	1.22	178.23
05/11/2024 14:15	12.36	1.49	116.93	15.43	13.34	0.28	34.94	18.16	31.32	3.77	296.3	67.68	1.43	176.29
05/11/2024 14:20	13.15	1.82	117.66	15.43	13.74	0.19	43.33	17.5	33.38	4.61	298.71	58.8	0.73	175.39
05/11/2024 14:25	13.11	1.84	115.25	15.61	12.28	0.06	26.18	18.99	36.19	4.75	308.77	90.17	0.44	191.05
05/11/2024 14:30	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 14:35	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 14:40	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 14:45	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 14:50	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 14:55	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:00	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:05	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:10	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:15	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:20	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:25	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:30	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:35	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:40	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:45	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:50	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 15:55	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:00	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:05	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:10	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:15	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:20	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:25	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:30	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:35	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:40	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:45	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:50	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 16:55	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 17:00	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 17:05	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 17:10	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 17:15	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 17:20	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 17:25	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 17:30	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration	Calibration
05/11/2024 17:35	8.15	12.65	157.85	15.03	9.8	10.03	69.8	16.19	19.2	29.2	366.05	29.68	32.24	203.7
05/11/2024 17:40	7.92	12.23	153.58	15.08	10.07	10.86	69.49	16.18	19	29.22	366.01	29.68	32.02	204.78
05/11/2024 17:45	6.91	11.9	157.51	15.06	10.41	10.59	70.42	16.12	16.46	28.33	374.92	30.27	31.7	204.86
05/11/2024 17:50	5.53	12.2	157.31	15.09	9.78	10.59	75.53	15.97	18.01	29.18	376.33	27.69	29.93	211.78
05/11/2024 17:55	7.63	12.04	158.18	15.17	9.34	10.64	65.5	16.54	16.25	31.54	384.54	29.75	34.04	208.61
05/11/2024 18:00	6.92	11.87	156.15	15.12	9.32	10.68	64.98	16.56	16.41	28.19	375.66	28.75	30.85	212.44
05/11/2024 18:05	7.79	12.42	157.58	15.14	9.2	10.62	77.47	15.92	18.8	29.99	380.47	29.27	29.77	215.27
05/11/2024 18:10	7.72	12.22	156.3	15.19	9.92	10.86	70.04	16.3	18.84	29.76	380.15	29.98	32.82	211.53
05/11/2024 18:15	6.76	11.73	157.08	15.15	9.95	10.93	71.13	16.26	16.34	28.36	379.89	29.84	32.76	213.26
05/11/2024 18:20	7.1	12.17	158.17	15.16	9.52	10.74	77.82	15.92	17.82	29.52	380.92	29.58	32.58	216.38
05/11/2024 18:25	7.17	11.76	153.7	15.21	10.12	10.91	71.46	16.23	17.6	28.72	374.3	30.11	32.46	212.56
05/11/2024 18:30	6.55	11.61	157.6	15.16	10.27	11.02	72.38	16.18	15.87	28.14	381.83	30.25	32.48	213.27
05/11/2024 18:35	7.05	11.82	158.1	15.17	9.89	10.61	78.8	15.8	16.37	28.65	383.32	27.07	29.02	214.8
05/11/2024 18:40	7.06	11.77	158.44	15.18	10.58	10.68	74.49	15.72	16.25	28.55	373.15	30.02	31.08	217.4
05/11/2024 18:45	7.2	12.02	158.88	15.16	10.1	11.2	75.36	15.97	17.45	29.13	380.07	30.46	31.36	212.62
05/11/2024 18:50	6.64	11.46	156.61	15.17	9.95	10.63	81.96	15.71	16.1	27.78	379.66	26.72	28.49	218.66
05/11/2024 18:55	6.79	11.37	153.71	15.19	10.44	10.96	76.42	15.92	16.58	27.7	373.57	29.17	30.61	213.4
05/11/2024 19:00	6.88	11.91	157.66	15.17	10.53	11.02	77.25	15.87	16.69	28.89	382.23	29.08	30.43	212.29
05/11/2024 19:05	7.1	12.35	157.38	15.18	10.36	11.43	84.45	15.93	17.1	28.45	383.51	29.74	31.25	219.55
05/11/2024 19:10	6.88	12.49	153.84	15.19	10.81	11	78.6	15.76	18.75	30.54	393.51	29.23	29.74	212.55
05/11/2024 19:15	6.95	12.01	157.28	15.17	11.17	11.02	79	15.74	16.87	29.16	381.76	30.09	29.68	212.77
05/11/2024 19:20	7.65	12.18	157.87	15.17	10.47	10.74	83.91	15.9	18.48	29.58	383.25	27.05	28.14	219.34
05/11/2024 19:25	7.03	12.03	156.98	15.17	10.32	10.96	77.16	15.8	18.53	28.62	379.99	28.97	30.46	217.84
05/11/2024 19:30	6.75	11.87	158.07	15.16	10.48	10.94	77.16	15.89	18.35	28.77	383.02	29.57	30.8	214.16
05/11/2024 19:35	7.33	12.42	157.77	15.18	10.12	10.76	84.44	15.64	17.82	30.19	383.43	26.79	28.44	222.39
05/11/2024 19:40	7.4	12.17	154.67	15.22	10.47	10.96	76.47	16	18.21	29.81	377.81	29.7	31.1	216.9
05/11/2024 19:45	6.8	12.08	159.68	15.16	10.86	11.01	76.36	16.02	16.49	29.27	387.02	30.91	31.33	217.37
05/11/2024 19:50	7.14	12.45	160.61	15.17	10.25	10.91	80.1	15.65	17.9	29.63	384.34	29.73	32.41	220.58
05/11/2024 19:55	7.4	12.05	158.2	15.19	10.29	11.1	79.8	15.83	18.07	29.38	385.05	28.21	30.42	218.73
05/11/2024 20:00	6.87	11.98	159.02	15.16	9.97	11.15	79.95	15.83	16.64	29.03	385.01	27.35	30.59	219.39
05/11/2024 20:05	7.27	12.53	158.25	15.18	10.2	10.82	87.72	15.55	17.65	30.42	386.73	26.61	28.14	222.98
05/11/2024 20:10	7.52	12.41	157.5	15.19	10.68	11.01	81.98	15.7	18.35	30.22	386.18	28.53	29.64	217.98
05/11/2024 20:15	6.81	11.81	158.78	15.16	11.13	11.03	82.84	15.88	18.13	29.64	384.34	29.58	30.8	220.58
05/11/2024 20:20	7.75	12.49	159.55	15.17	10.35	10.82	86.19	15.53	18.79	30.28	386.96	26.8	28	222.55
05/11/2024 20:25	8	12.43	156.43	15.19	10.84	11.15	82.76	15.66	19.49	30.25	380.15	27.77	29.58	219.62
05/11/2024 20:30	6.79	11.93	159.21	15.16	10.89	11.26	84.7	15.64	16.43	28.87	385.36	28.77	29.74	223.8
05/11/2024 20:35	7.12	12.34	159.23	15.17	10.31	10.9	87.66	15.82	18.3	30.04	386.2	28.5	30.5	221.29
05/11/2024 20:40	7.56	12.36	157.33	15.18	10.97	11.22	82.98	15.66	18.4	30.04	382.1	29.09	29.76	220.4
05/11/2024 20:45	6.73	11.8	159.5	15.16	11.2	11.35	84.03	15.63	16.3	28.57	386	29.57	29.96	221.82
05/11/2024 20:50	6.97	12.21	159.52	15.17	10.63	10.9								







Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
06/11/2024 17:30	3.64	0	55.12	18.4	Maintenance	Maintenance	Maintenance	Maintenance	44.31	0	602.81	Maintenance	Maintenance	Maintenance
06/11/2024 17:35	8.25	0	106.81	15.62	Maintenance	Maintenance	Maintenance	Maintenance	21.94	0	279.74	Maintenance	Maintenance	Maintenance
06/11/2024 17:40	15.23	0	109.51	15.51	Maintenance	Maintenance	Maintenance	Maintenance	21.94	0	279.74	Maintenance	Maintenance	Maintenance
06/11/2024 17:45	7.66	0	106.81	15.36	9.43	40.43	17.24	19.21	0	284.74	35.62	0	153.92	0
06/11/2024 17:50	8.14	0	107.93	15.41	8.89	0	37.05	17.59	20.87	0	271.96	37.34	0	155.55
06/11/2024 17:55	9.16	0	106	15.28	9.04	0	39.44	17.5	22.65	0	262.25	37.3	0	159.14
06/11/2024 18:00	9.75	0	105.25	15.3	7.88	0	34.34	17.8	24.22	0	261.46	36.54	0	154.75
06/11/2024 18:05	8.55	0	105.44	15.44	6.95	0	26.24	18.64	23.29	0	263.84	42.81	0	161.51
06/11/2024 18:10	9.37	0	103.39	15.36	7.01	0	28.29	18.58	23.53	0	263.18	42.86	0	165.53
06/11/2024 18:15	9.66	0	104.64	15.57	8.02	0	33.76	17.93	24.29	0	263.18	38.96	0	159.6
06/11/2024 18:20	8.5	0	103.73	15.35	7.27	0	28.15	18.58	22.47	0	267.76	43.55	0	168.51
06/11/2024 18:25	7.88	0	103.39	15.45	7.35	0	31.65	18.41	21.65	0	279.34	41.89	0	171.89
06/11/2024 18:30	7.31	0	109.91	15.46	8.95	0	31.21	17.9	18.68	0	280.71	43.39	0	145.97
06/11/2024 18:35	7.26	0	105.97	15.6	8.13	0	24.91	18.61	19.67	0	275.25	49.29	0	150.9
06/11/2024 18:40	8.13	0	109.55	15.47	8	0	27.59	18.53	20.79	0	280.33	48.22	0	156.35
06/11/2024 18:45	8.41	0	109.69	15.47	8.4	0	33.48	17.67	21.53	0	280.88	41.84	0	144.55
06/11/2024 18:50	7.75	0	106.43	15.59	8.73	0	25.97	18.49	20.91	0	276.42	49.79	0	148.91
06/11/2024 18:55	7.99	0	109.73	15.47	8.83	0	27.97	18.39	20.46	0	280.94	50.05	0	150.31
06/11/2024 19:00	8.58	0	110.02	15.48	8.1	0	32.13	18.1	21.99	0	281.96	42.56	0	161.09
06/11/2024 19:05	8.11	0	105.18	15.6	7.47	0	25.93	18.78	21.76	0	279.36	49.03	0	170.11
06/11/2024 19:10	8.14	0	109.33	15.48	7.54	0	28.68	18.7	20.67	0	281.74	49.12	0	176.02
06/11/2024 19:15	8.61	0	109.38	15.48	8.08	0	31.36	18.21	22.09	0	280.65	44.75	0	164.5
06/11/2024 19:20	7.92	0	106.23	15.67	7.31	0	23.5	19.05	21.96	0	281.48	54.93	0	176.45
06/11/2024 19:25	8.04	0	110.22	15.47	7.46	0	25.33	18.96	20.6	0	282.33	55.54	0	179.34
06/11/2024 19:30	8.45	0	110.47	15.48	7.98	0	31.2	18.23	21.68	0	283.37	44.69	0	165.16
06/11/2024 19:35	7.88	0	107.15	15.65	7.93	0	24.9	18.9	21.67	0	282.19	52.8	0	172.88
06/11/2024 19:40	8.28	0	110.09	15.48	7.22	0	27.92	18.78	21.21	0	282.07	48.82	0	176.81
06/11/2024 19:45	8.64	0	109.63	15.48	8.07	0	30.57	18.25	22.18	0	281.37	44.94	0	162.07
06/11/2024 19:50	7.53	0	106.27	15.68	7.43	0	23.88	18.98	20.98	0	282.07	53.75	0	172.79
06/11/2024 19:55	8.02	0	110.57	15.48	7.41	0	23.84	18.7	20.56	0	284.43	54.14	0	174.28
06/11/2024 20:00	8.66	0	110.86	15.46	8.25	0	33.35	18.04	22.05	0	284.37	42.58	0	163.67
06/11/2024 20:05	8.27	0	107.25	15.64	7.4	0	24.84	18.86	22.45	0	281.39	50.54	0	169.38
06/11/2024 20:10	7.98	0	110.97	15.47	7.34	0	27.93	18.71	20.45	0	284.09	48.08	0	171.59
06/11/2024 20:15	7.69	0	110.61	15.47	8.26	0	31.98	18.14	19.67	0	283.08	43.83	0	163.2
06/11/2024 20:20	7.84	0	109.68	15.48	7.71	0	25.88	18.71	21.74	0	284.13	50.35	0	168.78
06/11/2024 20:25	8.08	0	110.73	15.47	7.69	0	28.69	18.66	20.7	0	283.59	49.15	0	172.43
06/11/2024 20:30	8.55	0	111.48	15.48	8.37	0	34.98	17.89	21.92	0	285.89	40.15	0	162.83
06/11/2024 20:35	7.98	0	108.31	15.59	7.73	0	28.47	18.57	21.33	0	282.02	46.08	0	169.57
06/11/2024 20:40	8.19	0	110.45	15.47	7.62	0	31.45	18.46	20.62	0	282.73	44.37	0	174.27
06/11/2024 20:45	8.22	0	109.44	15.47	8.69	0	34.91	17.85	21.04	0	280.16	41.09	0	160.26
06/11/2024 20:50	8.01	0	107.11	15.59	7.85	0	29.39	18.38	21.42	0	278.61	43.29	0	162.1
06/11/2024 20:55	8.06	0	110.95	15.47	7.59	0	31.71	18.29	20.63	0	284	41.27	0	164.36
06/11/2024 21:00	8.39	0	110.36	15.48	8.68	0	34.36	17.89	21.52	0	283.01	41.69	0	159.34
06/11/2024 21:05	8.07	0	108.75	15.55	7.92	0	28.71	18.72	21.78	0	284.13	45.97	0	166.78
06/11/2024 21:10	8.38	0	110.76	15.47	7.89	0	31.62	18.4	21.44	0	283.4	44.79	0	170.71
06/11/2024 21:15	8.88	0	110.02	15.47	8.54	0	33.63	17.96	22.73	0	281.8	42.12	0	159.96
06/11/2024 21:20	8.16	0	105.87	15.58	8	0	28.47	18.44	21.71	0	279.19	45.32	0	161.13
06/11/2024 21:25	8.27	0	110.59	15.46	8.02	0	28.67	18.02	21.16	0	282.79	44.37	0	158.79
06/11/2024 21:30	8.98	0	111.02	15.48	8.62	0	35.75	17.9	23.02	0	284.45	41.58	0	164.76
06/11/2024 21:35	8.37	0	108.98	15.59	7.92	0	28.25	18.56	22.34	0	286.68	47.08	0	167.87
06/11/2024 21:40	8.51	0	111.1	15.47	7.95	0	31.03	18.46	21.79	0	284.47	46.58	0	171.84
06/11/2024 21:45	7.98	0	111.44	15.47	8.78	0	35.53	17.82	20.43	0	285.2	40.91	0	161.36
06/11/2024 21:50	7.83	0	107.83	15.58	8.24	0	30.85	18.4	20.92	0	280.42	45.87	0	165.78
06/11/2024 21:55	8.65	0	111	15.47	8.31	0	30.58	18.35	22.15	0	284.1	45.34	0	166.78
06/11/2024 22:00	8.67	0	111.05	15.47	8.56	0	35.11	17.91	22.21	0	284.36	41.96	0	163.62
06/11/2024 22:05	8.25	0	107.4	15.62	8.08	0	28.58	18.53	22.27	0	280.5	47.42	0	167.74
06/11/2024 22:10	8.47	0	110.85	15.47	7.99	0	31.18	18.47	21.38	0	283.56	46.38	0	173.88
06/11/2024 22:15	8.64	0	110.67	15.46	8.8	0	33.55	17.82	22.14	0	283.56	41.21	0	161.03
06/11/2024 22:20	8.11	0	106.8	15.63	7.95	0	28.63	18.47	21.95	0	280.05	45.5	0	163.88
06/11/2024 22:25	8.37	0	110.23	15.47	7.89	0	30.98	18.38	21.41	0	281.97	44.59	0	166.16
06/11/2024 22:30	8.2	0	110.68	15.47	8.62	0	36.36	17.8	20.99	0	283.2	40.54	0	161.95
06/11/2024 22:35	7.97	0	108.6	15.47	8.44	0	30.47	18.1	21.95	0	288.17	45.25	0	165.78
06/11/2024 22:40	8.33	0	110.56	15.46	8.55	0	33.2	18.19	21.3	0	282.53	44.77	0	166.59
06/11/2024 22:45	8.34	0	110.05	15.46	8.41	0	33.45	18	21.34	0	281.4	42.13	0	161.53
06/11/2024 22:50	7.78	0	107.39	15.63	7.62	0	27.01	18.67	21.15	0	281.47	47.51	0	168.55
06/11/2024 22:55	8.08	0	112.95	15.46	7.38	0	28.79	18.47	20.79	0	286.82	45.82	0	173.31
06/11/2024 23:00	7.84	0	112.38	15.46	8.4	0	36.33	17.85	20.06	0	287.05	39.99	0	166.77
06/11/2024 23:05	7.64	0	109.84	15.58	7.95	0	30.55	18.44	20.37	0	286.25	44.84	0	172.32
06/11/2024 23:10	8.22	0	112.5	15.47	8	0	30.98	18.39	21.02	0	287.78	44.26	0	171.42
06/11/2024 23:15	8.69	0	112.17	15.47	8.48	0	37.79	17.85	22.23	0	287.08	40.24	0	171.5
06/11/2024 23:20	8.22	0	109.28	15.62	7.57	0	28.6	18.56	22.9	0	285.68	44.56	0	175.28
06/11/2024 23:25	7.89	0	113.69	15.46	7.36	0	29.53	18.58	20.17	0	290.61	44.06	0	176.79
06/11/2024 23:30	8.55	0	112.47	15.47	8.83	0	39.08	17.67	21.88	0	287.92	39.65	0	166.84
06/11/2024 23:35	8.03	0	108.67	15.62	8.05	0	30.56	18.42	21.65	0	284.71	45.05	0	171.84
06/11/2024 23:40	8.01	0	110.95	15.46	8.03	0	33.5	18.32	20.5	0	283.75	44.14	0	176.23
06/11/2024 23:45	8.77	0	112.23	15.47	8.43	0	34.47	17.94	22.42	0	284.2	41.34	0	163.19
06/11/2024 23:50	8.17	0	106.78	15.56	7.65	0	29.23	18.48	21.58	0	280.13	43.88	0	167.71
06/11/2024 23:55	8.24	0	111.64	15.46	7.55	0	31.78	18.4	21.06	0	285.33	42.95	0	171.95
07/11/2024 00:00	8.61	0	110.97	15.46	8.55	0	33.86	17.97	22.01	0	283.75	42.37	0	161.86
07/11/2024 00:05	8.13	0	107.34	15.59	7.82	0	26.57	17.82	21.67	0	278.82	48.34	0	149.2
07/11/2024 00:10	8.4	0	110.76	15.47	7.86	0	29.11	18.61	21.49	0	283.29	48.93	0	170.91
07/11/2024 00:15														



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
07/11/2024 07:15	8.5	0	112.61	15.46	9.51	0	44.66	17.08	21.72	0	287.78	34.92	0	162.43
07/11/2024 07:20	8.05	0	108.37	15.52	9.6	0	42.21	17.28	20.94	0	279.93	36.9	0	162.21
07/11/2024 07:25	8.1	0	111.58	15.46	9.72	0	45.04	17.72	21.6	0	284.9	36.54	0	162.74
07/11/2024 07:30	8.27	0	111.16	15.46	9.56	0	43.81	17.05	21.13	0	284.15	34.8	0	158.49
07/11/2024 07:35	8.05	0	109.54	15.52	9.92	0	41.56	17.29	20.95	0	282.92	38.18	0	160.74
07/11/2024 07:40	8.43	0	111.02	15.48	10.11	0	44.16	17.28	21.6	0	284.51	38.86	0	169.06
07/11/2024 07:45	9.02	0	110.28	15.48	9.8	0	45.06	16.94	23.11	0	282.73	34.71	0	157.95
07/11/2024 07:50	8.44	0	107.94	15.45	9.84	0	39.84	17.54	21.29	0	279.09	38.49	0	158.69
07/11/2024 07:55	8.61	0	110.89	15.47	9.81	0	39.44	17.43	22.05	0	283.98	39.27	0	157.82
07/11/2024 08:00	8.53	0	110.05	15.47	9.62	0	44.06	17.1	21.85	0	281.88	35.76	0	159.89
07/11/2024 08:05	8.29	0	107.26	15.56	9.94	0	39.86	17.39	21.85	0	277.77	39.34	0	157.68
07/11/2024 08:10	8.2	0	108.47	15.61	10.06	0	42.16	17.32	20.9	0	283.14	39.34	0	161.71
07/11/2024 08:15	9.44	0	110.33	15.48	9.84	0	41.41	17.18	24.18	0	282.88	37.12	0	154.84
07/11/2024 08:20	8.57	0	107.26	15.62	9.07	0	36.6	17.72	22.93	0	280.92	39.7	0	160.18
07/11/2024 08:25	8.74	0	111.94	15.47	8.91	0	38.74	17.7	22.37	0	286.54	39.21	0	165.45
07/11/2024 08:30	8.39	0	110.91	15.46	9.41	0	40.76	17.34	21.46	0	283.59	37.25	0	159.24
07/11/2024 08:35	8.03	0	108.84	15.58	9.43	0	38.78	17.54	21.29	0	283.04	39.17	0	160.27
07/11/2024 08:40	8.39	0	113.55	15.47	9.58	0	39.63	17.47	21.48	0	290.76	38.8	0	160.52
07/11/2024 08:45	9.09	0	112.39	15.47	9.53	0	42.92	17.21	23.29	0	287.8	36.55	0	159.86
07/11/2024 08:50	8.46	0	109.2	15.57	9.63	0	37.09	17.58	22.33	0	282.87	40.38	0	155.49
07/11/2024 08:55	8.26	0	112.47	15.47	9.67	0	36.8	17.6	21.8	0	287.79	40.7	0	154.85
07/11/2024 09:00	8.55	0	112.03	15.47	9.65	0	41.44	17.29	21.88	0	286.43	38.11	0	158.48
07/11/2024 09:05	8	0	108.53	15.52	8.93	0	34.22	17.9	20.75	0	280.7	41.43	0	158.65
07/11/2024 09:10	8.28	0	112.2	15.47	8.94	0	34.73	17.85	21.19	0	287.26	40.77	0	158.46
07/11/2024 09:15	9.2	0	113.33	15.48	9.18	0	40.25	17.52	23.61	0	290.79	38.84	0	163.55
07/11/2024 09:20	8.146	0	109.71	15.59	8.8	0	33.92	18.04	21.63	0	285.25	41.38	0	162.02
07/11/2024 09:25	8.41	0	112.92	15.47	8.67	0	33.61	18.02	20.73	0	289	41.81	0	162.05
07/11/2024 09:30	8.41	0	114.39	15.48	9.07	0	39.61	17.5	21.56	0	293.35	38.2	0	161.37
07/11/2024 09:35	8.27	0	111.26	15.58	8.89	0	33.32	18.07	21.95	0	290.26	43.73	0	163.93
07/11/2024 09:40	8.48	0	110.22	15.47	8.97	0	36.3	18.06	21.71	0	282.22	43.84	0	177.42
07/11/2024 09:45	8.48	0	109.63	15.47	9.51	0	36.25	17.55	21.7	0	281.08	40.09	0	145.71
07/11/2024 09:50	8.44	0	104.21	15.57	8.86	0	32.16	18.02	22.35	0	271.37	42.82	0	155.44
07/11/2024 09:55	8.62	0	108.98	15.48	8.66	0	34.45	17.98	22.08	0	279.25	41.78	0	160.48
07/11/2024 10:00	8.69	0	108.48	15.48	9.54	0	37.8	17.43	22.3	0	278.44	38.9	0	151.56
07/11/2024 10:05	8.07	0	109.61	15.61	9.01	0	32.02	18.04	21.63	0	276.2	43.82	0	158.79
07/11/2024 10:10	8.63	0	110.15	15.48	9.02	0	34.5	18.07	22.13	0	282.23	44.26	0	169.36
07/11/2024 10:15	9.38	0	110.69	15.48	10	0	41.38	17.17	24.04	0	283.85	37.9	0	153.5
07/11/2024 10:20	8.77	0	108.38	15.55	9.76	0	36.56	17.59	23.07	0	280.16	41.06	0	153.73
07/11/2024 10:25	8.171	0	111.33	15.47	9.18	0	36.45	17.61	22.63	0	285.02	41.38	0	153.88
07/11/2024 10:30	9.63	0	110.58	15.47	10.42	0	45.74	16.79	24.65	0	283.24	35.63	0	153.78
07/11/2024 10:35	8.63	0	108.43	15.53	10.54	0	41.15	17.11	22.52	0	279.48	38.67	0	150.97
07/11/2024 10:40	8.54	0	111.4	15.46	10.56	0	41.27	17.08	21.84	0	284.85	38.43	0	150.14
07/11/2024 10:45	7.94	0	112.39	15.46	9.66	0	42.85	17.13	20.27	0	286.98	36.3	0	156.41
07/11/2024 10:50	8.1	0	108.54	15.58	9.76	0	39.58	17.43	22.63	0	282.13	38.9	0	154.11
07/11/2024 10:55	8.49	0	111.46	15.47	9.63	0	40.43	17.43	21.73	0	285.4	38.89	0	159.31
07/11/2024 11:00	8.8	0	111	15.48	9.22	0	38.84	17.46	22.56	0	284.65	37.99	0	157.15
07/11/2024 11:05	8.26	0	107.19	15.56	9.05	0	31.97	18.11	21.77	0	280.92	45.06	0	159.14
07/11/2024 11:10	8.74	0	111.07	15.47	8.1	0	31.15	18.14	20.38	0	283.41	44.31	0	158.86
07/11/2024 11:15	7.94	0	111.55	15.47	9.14	0	42.49	17.3	20.33	0	285.72	36.33	0	162.34
07/11/2024 11:20	8.04	0	109.25	15.56	9.06	0	36.33	17.82	21.23	0	283.06	40.86	0	163.69
07/11/2024 11:25	8.28	0	111.73	15.47	9.08	0	37.31	17.73	21.2	0	286.07	39.84	0	163.76
07/11/2024 11:30	8.94	0	111.42	15.48	9.28	0	41.93	17.36	22.91	0	285.65	37.43	0	163.23
07/11/2024 11:35	8.77	0	110.17	15.47	9.14	0	33.47	18.21	23.21	0	283.21	43.68	0	163.8
07/11/2024 11:40	8.5	0	112.04	15.47	9.08	0	33.03	18.09	21.77	0	286.87	44.87	0	163.25
07/11/2024 11:45	9.34	0	112.78	15.48	9.04	0	40.89	17.52	23.97	0	289.3	38.63	0	166.24
07/11/2024 11:50	8.23	0	108.95	15.61	8.26	0	30.23	18.41	22.15	0	283.88	46.24	0	169
07/11/2024 11:55	8.3	0	112.13	15.47	8.3	0	29.68	18.47	21.63	0	287.2	47.44	0	166.17
07/11/2024 12:00	7.59	0	112.49	15.47	8.68	0	39.45	17.63	19.43	0	287.64	38.62	0	167.16
07/11/2024 12:05	7.47	0	108.96	15.64	8.36	0	33.25	18.18	20.37	0	287.59	42.71	0	169.7
07/11/2024 12:10	7.98	0	112.66	15.47	8.33	0	33.14	18.2	20.43	0	288.55	42.85	0	170.51
07/11/2024 12:15	7.48	0	113.25	15.48	8.75	0	39.51	17.62	18.18	0	290.25	38.65	0	165.74
07/11/2024 12:20	7.46	0	108.77	15.56	8.16	0	31.96	18.21	20.86	0	284.41	44.09	0	167.6
07/11/2024 12:25	8.14	0	112.18	15.48	8.1	0	31.91	18.29	20.86	0	289.59	43.47	0	170.06
07/11/2024 12:30	7.97	0	112.38	15.48	9.07	0	41.48	17.43	20.44	0	288.26	37.54	0	164.16
07/11/2024 12:35	8.01	0	109.54	15.57	8.78	0	34.06	18.1	21.23	0	285.81	42.04	0	163.12
07/11/2024 12:40	8.37	0	111.98	15.47	8.1	0	31.18	17.98	21.47	0	284.14	41.39	0	176.15
07/11/2024 12:45	8	0	112.72	15.46	9.35	0	42.24	17.35	20.51	0	288.98	36.31	0	160.31
07/11/2024 12:50	7.49	0	108.39	15.59	8.47	0	33.42	18.04	19.99	0	281.73	41.22	0	162.67
07/11/2024 12:55	8.06	0	110.7	15.47	8.11	0	32.53	18.12	20.62	0	283.17	40.6	0	162.86
07/11/2024 13:00	7.8	0	111.23	15.47	9.02	0	41.25	17.43	19.95	0	284.6	37.62	0	163.45
07/11/2024 13:05	7.69	0	108.93	15.65	8.23	0	31.56	18.21	21.56	0	281.81	43.81	0	165.79
07/11/2024 13:10	8.43	0	111.34	15.47	8.02	0	31.69	18.27	21.6	0	285.23	42.34	0	167.39
07/11/2024 13:15	8.84	0	111.63	15.49	9.41	0	41.26	17.47	22.72	0	286.75	39.7	0	165.82
07/11/2024 13:20	8.36	0	107.66	15.6	8.92	0	34.51	18	22.23	0	280.15	42.78	0	165.35
07/11/2024 13:25	8.09	0	110.66	15.46	9.11	0	36.86	17.93	20.66	0	282.82	43.26	0	168.96
07/11/2024 13:30	8.77	0	111.34	15.46	9.16	0	40.07	17.85	22.37	0	285.07	36.07	0	159.75
07/11/2024 13:35	7.83	0	106.84	15.54	8.66	0	34.04	18.02	20.55	0	277.06	41.82	0	164.3
07/11/2024 13:40	8.44	0	110.25	15.46	8.63	0	36.55	18.05	21.56	0	281.74	42.14	0	178.55
07/11/2024 13:45	8.58	0	110.33	15.48	9.44	0	42.36	17.17	21.99	0	282.85	35.97	0	158.34
07/11/2024 13:50	7.93	0	108.38	15.57	8.75	0	35.67	17.5	20.54	0	282.4	38.82	0	162.8
07/11/2024 13:55	8	0	109.98	15.49	8.73	0	34.95	17.91	20.54	0	283.44</			



Site DCAP Period: 01/11/2024 00:00-30/11/2024 23:59 Type: AVG														
Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
07/11/2024 21:00	8.73	0	112.56	15.44	10.23	0	51.33	16.47	22.23	0	286.43	32.34	0	160.06
07/11/2024 21:05	8.43	0	111.13	15.49	10.42	0	46.13	16.83	21.77	0	285.32	35.62	0	157.68
07/11/2024 21:10	7.94	0	113.03	15.43	10.20	0	48.33	16.33	20.33	0	287.43	35.33	0	162.33
07/11/2024 21:15	7.56	0	112.97	15.43	9.76	0	47.2	16.75	19.21	0	286.97	32.97	0	157.88
07/11/2024 21:20	7.86	0	109.61	15.48	9.68	0	44.01	17.01	20.26	0	281.55	34.59	0	157.35
07/11/2024 21:25	7.86	0	111.9	15.44	9.41	0	43.59	17.03	20	0	284.63	33.81	0	156.69
07/11/2024 21:30	8	0	110.98	15.44	9.98	0	48.46	16.65	20.37	0	282.58	32.92	0	158.01
07/11/2024 21:35	8.15	0	108.05	15.44	9.12	0	44.12	16.98	20.55	0	278.62	35.35	0	156.73
07/11/2024 21:40	7.79	0	111.67	15.44	9.91	0	43.95	16.98	19.82	0	284.18	35.94	0	155.9
07/11/2024 21:45	8.69	0	112	15.45	10.14	0	49.98	16.64	22.16	0	285.65	33.4	0	162.04
07/11/2024 21:50	8.69	0	109.17	15.53	10.2	0	46	16.88	22.46	0	281.41	35.25	0	158.97
07/11/2024 21:55	7.87	0	113.56	15.44	10.13	0	46.52	16.44	20.65	0	286.45	34.67	0	157.72
07/11/2024 22:00	8.19	0	112.44	15.44	10.08	0	51.24	16.48	20.83	0	286.11	31.91	0	160.07
07/11/2024 22:05	7.92	0	111.76	15.48	10.26	0	46.86	16.79	20.43	0	286.75	34.69	0	158.44
07/11/2024 22:10	7.75	0	112.7	15.43	10.33	0	46.94	16.8	19.69	0	286.37	35	0	159.07
07/11/2024 22:15	8.69	0	114.09	15.44	10.43	0	53.07	16.38	22.13	0	290.66	32.22	0	162.29
07/11/2024 22:20	7.98	0	110.97	15.48	10.53	0	48.68	16.62	20.55	0	283.41	34.24	0	158.26
07/11/2024 22:25	7.68	0	113.03	15.43	10.63	0	48.81	16.6	19.51	0	287.15	34.36	0	157.85
07/11/2024 22:30	8.06	0	112.69	15.44	10.08	0	51.23	16.53	20.53	0	286.91	32.32	0	161.94
07/11/2024 22:35	8.13	0	110.32	15.49	10.18	0	47.27	16.73	21	0	282.46	33.95	0	157.6
07/11/2024 22:40	7.71	0	112.9	15.43	9.96	0	49.25	16.69	19.59	0	286.77	33.01	0	161.19
07/11/2024 22:45	7.38	0	112.89	15.43	10.01	0	49.81	16.57	18.72	0	286.87	32.94	0	159.63
07/11/2024 22:50	7.7	0	108.79	15.52	10.37	0	46.74	16.78	20.17	0	279.77	34.98	0	157.68
07/11/2024 22:55	7.44	0	112.78	15.42	10.5	0	46.67	16.77	18.89	0	286.28	35.37	0	157.21
07/11/2024 23:00	7.13	0	112.81	15.43	9.87	0	51.26	16.58	18.09	0	286.41	32.07	0	163.77
07/11/2024 23:05	7.67	0	110.08	15.48	10.28	0	47.14	16.78	19.14	0	281.15	34.82	0	157.49
07/11/2024 23:10	7.84	0	112.64	15.42	10.27	0	49.32	16.73	19.9	0	285.88	34.37	0	162.85
07/11/2024 23:15	7.81	0	112.95	15.43	9.75	0	48.12	16.76	19.85	0	287.01	33.07	0	161.03
07/11/2024 23:20	7.36	0	109.57	15.47	9.68	0	43.96	17.06	18.96	0	280.81	35.01	0	158.95
07/11/2024 23:25	7.81	0	113.81	15.43	9.48	0	43.8	17.07	19.43	0	289.19	34.38	0	158.77
07/11/2024 23:30	8.33	0	114.55	15.44	10.08	0	50.45	16.66	21.2	0	291.65	33.33	0	164.03
07/11/2024 23:35	7.73	0	111.39	15.5	9.53	0	45.21	17	20.1	0	285.84	34.03	0	161.32
07/11/2024 23:40	7.55	0	114.03	15.43	9.39	0	45.81	16.97	19.19	0	289.77	33.18	0	161.85
07/11/2024 23:45	8.17	0	113.31	15.44	9.61	0	49.66	16.72	20.8	0	288.42	32.25	0	163.9
07/11/2024 23:50	7.34	0	110.25	15.51	9.87	0	44.22	19.14	19.42	0	282.88	34.39	0	158.26
07/11/2024 23:55	7.71	0	113.6	15.43	9.77	0	44.16	17.03	19.58	0	288.55	35.1	0	158.71
08/11/2024 00:00	7.53	0	113.28	15.43	9.87	0	48.91	16.68	19.12	0	287.6	32.77	0	160.22
08/11/2024 00:05	7.75	0	110.61	15.49	9.83	0	44.07	17.05	20.08	0	282.87	35.46	0	159
08/11/2024 00:10	7.86	0	113.77	15.43	9.77	0	43.91	17.05	20.91	0	287.73	35.29	0	158.73
08/11/2024 00:15	7.03	0	113.25	15.42	9.55	0	46.22	16.92	17.85	0	287.44	33.82	0	160.38
08/11/2024 00:20	7.36	0	111.73	15.49	9.62	0	40.48	17.33	19.11	0	287.37	37.43	0	157.43
08/11/2024 00:25	8.15	0	112.81	15.43	9.53	0	42.57	17.29	20.73	0	286.78	36.93	0	161.56
08/11/2024 00:30	8.52	0	113.56	15.44	9.45	0	42.03	17.17	21.69	0	289.22	35.71	0	156.81
08/11/2024 00:35	8.123	0	110.47	15.54	9.17	0	38.1	17.63	20.45	0	284.56	40.32	0	159.49
08/11/2024 00:40	8.18	0	112.86	15.44	9.17	0	35.42	17.82	20.81	0	287.06	41.33	0	159.63
08/11/2024 00:45	7.56	0	112.22	15.43	9.81	0	45.72	16.96	19.23	0	285.31	35.12	0	159.89
08/11/2024 00:50	7.87	0	109.79	15.51	9.59	0	40.21	17.36	20.53	0	281.94	37.66	0	157.85
08/11/2024 00:55	8.26	0	113.2	15.45	9.66	0	41.32	17.06	20.29	0	288.48	37.69	0	156.99
08/11/2024 01:00	8.58	0	114.25	15.46	9.98	0	50.27	16.62	21.91	0	291.81	32.66	0	162.05
08/11/2024 01:05	8.28	0	111.56	15.51	10.21	0	45.27	16.92	21.5	0	287.18	35.67	0	158.25
08/11/2024 01:10	8.04	0	112.68	15.45	10.11	0	44.8	16.95	20.51	0	287.44	35.53	0	157.45
08/11/2024 01:15	8.36	0	112.39	15.46	10.63	0	51.22	16.37	21.34	0	286.98	32.76	0	156.83
08/11/2024 01:20	8.34	0	109.43	15.5	10.75	0	48.78	16.52	20.68	0	286.89	34.43	0	157.49
08/11/2024 01:25	8.13	0	111.15	15.46	10.65	0	51.36	16.48	20.78	0	283.83	33.62	0	160.58
08/11/2024 01:30	8.34	0	112.17	15.47	10.58	0	49.1	16.5	21.34	0	286.91	33.65	0	154.95
08/11/2024 01:35	8.56	0	108.92	15.52	10.72	0	45.91	16.71	22.25	0	280.36	35.54	0	152.2
08/11/2024 01:40	8.41	0	110.98	15.46	10.64	0	47.37	16.67	21.67	0	283.42	35.08	0	156.74
08/11/2024 01:45	7.86	0	111.03	15.45	10.82	0	43.27	16.38	20.06	0	283.27	33.57	0	151.72
08/11/2024 01:50	8.35	0	108.39	15.5	10.94	0	45.75	16.7	21.63	0	278.2	36.17	0	151.3
08/11/2024 01:55	8.55	0	110.23	15.45	10.94	0	47.67	16.72	21.81	0	281.32	36.37	0	158.54
08/11/2024 02:00	8.56	0	110.23	15.46	10.86	0	49.92	16.39	21.88	0	281.71	33.65	0	153.17
08/11/2024 02:05	8.56	0	108.49	15.49	11.04	0	46.8	16.49	20.08	0	280.87	35.07	0	157.7
08/11/2024 02:10	8.54	0	110.25	15.46	11.02	0	48.93	16.58	21.82	0	281.63	35.47	0	157.53
08/11/2024 02:15	8.19	0	109.44	15.46	11.07	0	47.33	16.43	20.92	0	279.6	34.59	0	147.23
08/11/2024 02:20	8.24	0	108	15.49	11.55	0	45.22	16.61	21.29	0	277.61	34.7	0	146.6
08/11/2024 02:25	8.93	0	108.78	15.45	11.61	0	46.27	16.62	21.52	0	277.5	37.63	0	146.27
08/11/2024 02:30	9.66	0	109.34	15.46	11.18	0	49.18	16.37	24.66	0	279.28	34.46	0	150.82
08/11/2024 02:35	9.03	0	108.96	15.5	11.37	0	47.12	16.51	23.35	0	274.39	36.02	0	148.27
08/11/2024 02:40	8.66	0	109.99	15.45	11.41	0	47.36	16.48	22.09	0	280.49	35.86	0	148.87
08/11/2024 02:45	8.94	0	109.59	15.45	10.94	0	49.86	16.37	22.8	0	279.59	33.73	0	152.33
08/11/2024 02:50	8.86	0	107.03	15.5	11.35	0	46.12	16.72	22.4	0	274.27	36.43	0	147.87
08/11/2024 02:55	8.78	0	110.19	15.45	11.3	0	45.91	16.58	22.4	0	281.24	36.33	0	147.64
08/11/2024 03:00	9.58	0	109.8	15.47	11.14	0	49.77	16.42	24.5	0	280.84	34.74	0	153.35
08/11/2024 03:05	8.77	0	108.73	15.5	10.74	0	45.54	16.72	22.66	0	279.72	35.56	0	150.77
08/11/2024 03:10	8.43	0	108.18	15.43	10.56	0	45.78	16.68	21.5	0	278.47	34.8	0	150.84
08/11/2024 03:15	8.89	0	108.62	15.45	10.83	0	48.23	16.52	20.69	0	276.29	34.69	0	152.04
08/11/2024 03:20	8.76	0	105.92	15.52	11.08	0	45.14	16.72	22.82	0	272.76	36.81	0	149.97
08/11/2024 03:25	8.6	0	109.42	15.45	10.98	0	47.72	16.69	21.94	0	279.2	37.44	0	156.19
08/11/2024 03:30	9.08	0	110.67	15.46	11.04	0	48.2	16.37	23.21	0	282.99	34.01	0	150.92
08/11/2024 03:35	8.81	0	108.37	15.5	11.25	0	47.44	16.5	21.82	0	278.2			



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
08/11/2024 10:45	8.44	0	108.55	15.58	10.36	0	44.93	16.95	22.02	0	263.34	36.86	0	156.7
08/11/2024 10:50	8.44	0	105.69	15.65	10.28	0	39.72	17.31	22.55	0	278.47	39.75	0	153.63
08/11/2024 10:55	8.1	0	107.94	15.58	10.19	0	39.56	17.31	21.86	0	263.98	39.47	0	153.29
08/11/2024 11:00	8.34	0	108.67	15.58	9.81	0	44.04	17.31	21.81	0	263.92	36.49	0	159.26
08/11/2024 11:05	8.09	0	105.09	15.62	9.89	0	38.94	17.37	21.51	0	275.48	39	0	153.48
08/11/2024 11:10	8.37	0	107.07	15.49	9.97	0	40.05	17.27	21.52	0	275.22	38.13	0	153.16
08/11/2024 11:15	10.25	0	107.69	15.49	10.17	0	46.2	16.78	26.33	0	276.64	34.69	0	154.13
08/11/2024 11:20	9.72	0	108.54	15.49	10.22	0	42.03	16.84	26.33	0	275.12	36.18	0	148.14
08/11/2024 11:25	8.54	0	107.73	15.43	10.94	0	42.3	16.92	21.69	0	273.72	38.16	0	147.56
08/11/2024 11:30	8.52	0	107.25	15.43	10.56	0	48.83	16.47	21.65	0	272.68	33.35	0	152.12
08/11/2024 11:35	8.68	0	105.2	15.46	11	0	45.61	16.56	22.28	0	268.09	35.24	0	146.06
08/11/2024 11:40	8.36	0	108.21	15.4	11.06	0	46.25	16.51	21.25	0	273.58	35.02	0	146.42
08/11/2024 11:45	8.7	0	108.27	15.41	10.34	0	47.89	16.65	22.01	0	273.93	34.08	0	155.56
08/11/2024 11:50	8.53	0	105.06	15.43	10.44	0	43.66	16.74	21.76	0	267.12	34.91	0	145.95
08/11/2024 11:55	8.07	0	109.03	15.39	10.16	0	44.06	16.7	20.36	0	274.98	33.64	0	145.93
08/11/2024 12:00	8.52	0	110.91	15.4	10.15	0	46.86	16.66	21.5	0	280.05	33.55	0	153.28
08/11/2024 12:05	8.49	0	109.45	15.38	10.32	0	43.04	16.86	21.81	0	272.72	35.54	0	148.21
08/11/2024 12:10	8.47	0	108.9	15.38	10.36	0	42.97	16.83	21.34	0	274.31	35.42	0	146.91
08/11/2024 12:15	7.63	0	108.31	15.38	9.9	0	47.51	16.71	19.2	0	272.73	33.17	0	157.84
08/11/2024 12:20	7.88	0	104.89	15.41	10.12	0	42.08	16.97	19.98	0	265.51	35.81	0	148.93
08/11/2024 12:25	8.63	0	108.97	15.38	10.08	0	42.34	16.94	21.75	0	269.26	35.35	0	148.77
08/11/2024 12:30	8.92	0	105.32	15.38	10.02	0	44.73	16.83	22.76	0	273.72	34.75	0	151.02
08/11/2024 12:35	8.89	0	104.82	15.51	9.87	0	37.96	17.33	23.28	0	269.67	38.4	0	147.63
08/11/2024 12:40	8.73	0	106.84	15.38	9.91	0	37.7	17.35	22	0	269.06	38.79	0	147.63
08/11/2024 12:45	8.88	0	106.7	15.39	9.84	0	43.01	16.98	22.39	0	269.13	35.55	0	150.74
08/11/2024 12:50	8.71	0	108.45	15.48	9.78	0	43.04	16.98	22.39	0	268.92	35.55	0	149.01
08/11/2024 12:55	8.53	0	106.76	15.38	9.75	0	40.17	17.13	21.49	0	269.02	35.9	0	147.92
08/11/2024 13:00	8.86	0	107.47	15.39	10.15	0	44.07	16.88	22.36	0	271.29	35.53	0	150.71
08/11/2024 13:05	8.4	0	104.34	15.47	10	0	37.76	17.34	21.73	0	265.63	39.07	0	147.48
08/11/2024 13:10	8.35	0	106.95	15.38	10.08	0	37.52	17.37	21.01	0	269.26	39.65	0	147.61
08/11/2024 13:15	8.72	0	107.48	15.38	9.84	0	44.37	16.9	21.88	0	270.85	34.82	0	152.58
08/11/2024 13:20	8.38	0	104.14	15.48	9.83	0	36.59	17.52	21.79	0	265.51	40.46	0	150.54
08/11/2024 13:25	8.39	0	106.19	15.38	9.98	0	36.17	17.55	21.11	0	267.3	41.49	0	150.3
08/11/2024 13:30	9.41	0	106.17	15.38	9.67	0	40.5	17.25	23.7	0	267.49	37.99	0	152.26
08/11/2024 13:35	8.66	0	101.88	15.48	8.59	0	30.04	18.53	23.49	0	263.34	42.62	0	149.01
08/11/2024 13:40	8.58	0	105.67	15.37	8.64	0	29.53	18.14	21.59	0	265.8	43.58	0	148.93
08/11/2024 13:45	8.67	0	106.36	15.38	9.46	0	41.22	17.18	21.85	0	268.04	36.06	0	151.85
08/11/2024 13:50	8.39	0	103.6	15.48	9.26	0	34.28	17.72	21.84	0	264.25	40.5	0	149.84
08/11/2024 13:55	8.1	0	106.41	15.37	9.23	0	33.86	17.23	20.86	0	267.37	40.86	0	149.78
08/11/2024 14:00	9.02	0	105.47	15.39	10.01	0	43.29	16.93	22.73	0	265.34	35.83	0	150.11
08/11/2024 14:05	8.47	0	102.42	15.51	9.85	0	35.55	17.54	22.19	0	262.71	40.74	0	147.01
08/11/2024 14:10	8.29	0	106.44	15.37	9.92	0	35.17	17.54	20.86	0	267.64	41.05	0	145.53
08/11/2024 14:15	8.94	0	106.73	15.38	9.43	0	41.28	17.17	22.52	0	268.91	36.01	0	152.12
08/11/2024 14:20	8.76	0	105.97	15.45	8.86	0	42.43	17.86	21.53	0	265.81	40.33	0	149.01
08/11/2024 14:25	8.61	0	105.65	15.39	8.58	0	31.47	17.94	21.71	0	266.35	40.33	0	147.96
08/11/2024 14:30	9.3	0	104.27	15.4	9.95	0	42.1	17.04	23.48	0	263.36	36.64	0	150.16
08/11/2024 14:35	8.85	0	103.16	15.5	8.96	0	31.89	17.95	23.07	0	264.18	42.28	0	150.35
08/11/2024 14:40	8.16	0	108.01	15.38	9.16	0	32.14	17.32	20.57	0	272.17	42.8	0	150.25
08/11/2024 14:45	7.61	0	108.17	15.38	8.55	0	43.59	17.75	21.25	0	272.22	41.08	0	156.15
08/11/2024 14:50	7.57	0	104.14	15.49	6.83	0	18.41	19.33	19.74	0	270.88	61.93	0	163.97
08/11/2024 14:55	8.09	0	108.81	15.38	6.48	0	16.09	19.55	20.37	0	274.07	66.69	0	165.51
08/11/2024 15:00	8.18	0	109.2	15.39	9.33	0	43.41	17.23	20.63	0	275.37	36.96	0	185.58
08/11/2024 15:05	7.9	0	104.84	15.48	8.14	0	28.63	18.53	21.53	0	271.73	44.1	0	154.78
08/11/2024 15:10	8	0	108.07	15.38	7.77	0	26.92	18.47	20.14	0	272.07	44.45	0	154.12
08/11/2024 15:15	9.08	0	109.02	15.39	10.94	0	51.21	16.22	22.9	0	275.04	32.65	0	151.38
08/11/2024 15:20	8.9	0	106.14	15.44	10.9	0	45.81	16.54	22.74	0	269.16	34.77	0	146.09
08/11/2024 15:25	8.109	0	108.108	15.38	10.86	0	45.47	16.56	22.47	0	272.56	34.78	0	145.6
08/11/2024 15:30	8.52	0	107.22	15.38	10.38	0	49.75	16.48	21.48	0	270.51	32.9	0	156.44
08/11/2024 15:35	7.84	0	105.63	15.45	10.06	0	41	17.07	20.2	0	268.5	36.51	0	150.5
08/11/2024 15:40	7.76	0	109.57	15.38	9.94	0	41.1	17.13	19.55	0	276.06	36.82	0	151.09
08/11/2024 15:45	7.88	0	109.55	15.39	10.18	0	49.34	16.51	19.85	0	276.15	32.7	0	154.82
08/11/2024 15:50	7.65	0	107	15.46	10.04	0	41.16	17.2	19.76	0	273.21	36.63	0	150.13
08/11/2024 15:55	8.09	0	112.03	15.38	10.02	0	40.92	17.1	20.38	0	282.19	36.67	0	149.81
08/11/2024 16:00	8.48	0	112.02	15.44	10.31	0	51.27	16.47	21.41	0	282.77	32.59	0	162.23
08/11/2024 16:05	7.79	0	108.72	15.39	10.34	0	44.7	16.82	20	0	276.29	35.21	0	152.22
08/11/2024 16:10	8.12	0	108.12	15.38	10.41	0	44.34	16.84	20.67	0	274.46	35.39	0	151.67
08/11/2024 16:15	8.56	0	108.19	15.38	10.89	0	52.85	16.17	21.61	0	273.04	32.16	0	155.1
08/11/2024 16:20	8.61	0	105.59	15.43	11.13	0	46.89	16.45	21.99	0	267.57	34.76	0	146.4
08/11/2024 16:25	8.08	0	108.01	15.39	11.05	0	46.75	16.46	20.37	0	272.24	34.57	0	146.28
08/11/2024 16:30	8.77	0	108.63	15.4	10.99	0	51.07	16.22	22.13	0	274.29	32.77	0	150.96
08/11/2024 16:35	8.52	0	105.65	15.45	11.05	0	47.17	16.45	21.57	0	268.46	34.57	0	147.96
08/11/2024 16:40	8.43	0	108.84	15.38	11.05	0	46.78	16.48	21.24	0	274.25	34.74	0	147.11
08/11/2024 16:45	9.69	0	109.83	15.4	10.79	0	50.09	16.33	24.47	0	277.41	32.91	0	151.34
08/11/2024 16:50	9.1	0	106.51	15.44	9.76	0	44.61	16.78	23.21	0	271.34	32.92	0	149.18
08/11/2024 16:55	8.34	0	109.43	15.39	8.94	0	43.67	16.83	21.03	0	276.03	30.49	0	148.97
08/11/2024 17:00	8.09	0	109.2	15.38	10.43	0	50.17	16.42	20.42	0	275.92	32.17	0	149.01
08/11/2024 17:05	7.82	0	106.79	15.45	10.59	0	44.49	16.79	20.12	0	271.29	35.83	0	150.47
08/11/2024 17:10	8.04	0	109.29	15.38	10.53	0	44.44	16.78	20.25	0	275.33	35.51	0	149.85
08/11/2024 17:15	8.7	0	109.44	15.39	10.72	0	50.33	16.96	21.95	0	275.95	33.03	0	153.19
08/11/2024 17:20	8.5	0	106.61	15.44	10.45	0	44.87	16.47	20.8	0	270.4	34.5	0	149.53
08/11/2024 17:25	8.39	0	109.05	15.38	10.36									



Date & Time	Stack1_N0x	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_N0x	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_N0x@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_N0x@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
09/11/2024 00:30	7.73	0	110.73	15.38	10.42	0	50.21	16.39	19.46	0	278.67	32.31	0	153.59
09/11/2024 00:35	7.67	0	109.61	15.42	10.66	0	46.86	16.61	19.54	0	277.79	34.5	0	151.03
09/11/2024 00:40	8.19	0	110.85	15.4	10.64	0	46.62	16.62	20.6	0	278.67	34.56	0	151.84
09/11/2024 00:45	8.19	0	110.67	15.4	10.47	0	52	16.32	20.1	0	279.7	32.06	0	156.85
09/11/2024 00:50	7.97	0	107.33	15.43	10.88	0	46.91	16.59	20.3	0	272.5	35.09	0	151.36
09/11/2024 00:55	8.05	0	110.52	15.4	11.08	0	47.28	16.54	20.35	0	279.46	35.29	0	150.6
09/11/2024 01:00	8.17	0	111.09	15.41	10.5	0	52.61	16.31	20.69	0	281.32	32.03	0	158.16
09/11/2024 01:05	8.15	0	108.26	15.45	11.05	0	47.89	16.51	20.89	0	276.33	34.58	0	151.53
09/11/2024 01:10	8.4	0	109.71	15.41	11.19	0	47.86	16.51	21.28	0	277.74	35.42	0	151.51
09/11/2024 01:15	8.72	0	109.81	15.42	11.03	0	52.23	16.17	22.11	0	278.48	32.54	0	152.68
09/11/2024 01:20	8.66	0	106.71	15.45	11.6	0	48.9	16.27	22.18	0	271.46	34.82	0	146.82
09/11/2024 01:25	8.66	0	108.87	15.41	11.75	0	48.75	16.27	21.97	0	275.76	35.24	0	151.7
09/11/2024 01:30	8.96	0	108.63	15.42	10.85	0	49.52	16.29	22.7	0	275.32	32.89	0	149.16
09/11/2024 01:35	8.61	0	107.09	15.44	11.26	0	48.11	16.37	22.02	0	272.24	34.58	0	147.74
09/11/2024 01:40	8.38	0	109.24	15.41	11.33	0	48.14	16.36	21.23	0	276.53	34.7	0	147.47
09/11/2024 01:45	8.06	0	109.13	15.42	10.8	0	51.11	16.3	20.43	0	276.58	32.77	0	153.72
09/11/2024 01:50	7.81	0	107.04	15.47	11.3	0	48.66	16.44	20.08	0	273.04	34.58	0	151.84
09/11/2024 01:55	8.04	0	110.98	15.41	11.05	0	48.84	16.44	20.37	0	281.05	34.46	0	152.35
09/11/2024 02:00	8.34	0	110.8	15.42	10.47	0	50.47	16.44	21.17	0	281.05	32.83	0	156.11
09/11/2024 02:05	8.25	0	108.84	15.46	10.59	0	47.7	16.55	21.16	0	277.35	33.82	0	152.29
09/11/2024 02:10	8.35	0	108.4	15.41	11.38	0	48.14	16.49	21.17	0	281.87	33.31	0	151.84
09/11/2024 02:15	7.98	0	111.16	15.42	10.38	0	50.55	16.46	20.24	0	281.72	32.79	0	157.13
09/11/2024 02:20	7.91	0	108.14	15.48	10.69	0	46.36	16.68	20.48	0	276.6	35.18	0	152.55
09/11/2024 02:25	8.11	0	111.65	15.42	10.75	0	46.39	16.67	20.56	0	282.97	35.31	0	152.4
09/11/2024 02:30	7.98	0	111.57	15.42	10.89	0	50.87	16.27	20.26	0	283.09	32.9	0	152.38
09/11/2024 02:35	8.11	0	108.05	15.44	11.28	0	48.47	16.27	20.42	0	276.47	35.22	0	150.7
09/11/2024 02:40	8.2	0	110.45	15.41	11.41	0	49.09	16.38	20.76	0	279.75	35.11	0	151.12
09/11/2024 02:45	7.59	0	111.23	15.41	10.83	0	52.39	16.24	19.24	0	281.84	32.47	0	155.23
09/11/2024 02:50	8.17	0	107.37	15.48	11.4	0	49.59	16.35	21.11	0	274.38	34.86	0	151.6
09/11/2024 02:55	8.13	0	108.4	15.41	11.38	0	49.56	16.36	20.58	0	277.01	34.58	0	151.78
09/11/2024 03:00	8.81	0	109.46	15.42	10.97	0	53.02	16.17	22.36	0	277.74	32.34	0	158.06
09/11/2024 03:05	8.69	0	107.15	15.46	11.62	0	49.26	16.31	22.31	0	273.13	35.2	0	149.14
09/11/2024 03:10	8.34	0	110.27	15.42	11.75	0	49.2	16.3	21.15	0	279.49	35.51	0	148.68
09/11/2024 03:15	8.17	0	110.23	15.42	10.76	0	52.61	16.2	20.72	0	279.55	32.01	0	154.88
09/11/2024 03:20	7.98	0	107.88	15.45	11.08	0	50.1	16.3	20.44	0	274.32	35.43	0	151.78
09/11/2024 03:25	8.19	0	110.68	15.42	11.05	0	50.22	16.3	20.76	0	280.64	33.36	0	151.64
09/11/2024 03:30	8.02	0	110.64	15.41	10.7	0	52.85	16.26	20.31	0	280.26	32.2	0	157.27
09/11/2024 03:35	8.17	0	108.03	15.46	10.98	0	49.17	16.41	20.98	0	275.14	33.98	0	152.13
09/11/2024 03:40	8.13	0	110.41	15.41	11	0	51.11	16.4	21.14	0	279.73	33.94	0	151.84
09/11/2024 03:45	8.94	0	109.97	15.43	10.74	0	51.36	16.34	22.71	0	279.27	32.88	0	155.74
09/11/2024 03:50	8.94	0	107.56	15.47	10.92	0	48.09	16.47	22.98	0	274.47	34.26	0	150.83
09/11/2024 03:55	8.21	0	110.29	15.41	11.05	0	48.72	16.41	20.79	0	279.27	34.23	0	150.96
09/11/2024 04:00	8.16	0	109.98	15.41	10.41	0	49.05	16.54	20.67	0	278.67	33.38	0	155.29
09/11/2024 04:05	8.43	0	108.89	15.5	10.55	0	44.97	16.47	21.84	0	274.32	36.07	0	153.7
09/11/2024 04:10	8.56	0	110.31	15.41	10.52	0	44.81	16.84	21.67	0	279.51	35.97	0	153.27
09/11/2024 04:15	9.38	0	110.34	15.42	10.67	0	51.73	16.35	23.77	0	279.82	32.82	0	157.15
09/11/2024 04:20	8.87	0	107.56	15.47	11	0	46.83	16.61	22.81	0	274.68	35.61	0	151.68
09/11/2024 04:25	8.7	0	110.17	15.41	11.25	0	47.42	16.28	22.04	0	278.95	36.25	0	152.79
09/11/2024 04:30	8.78	0	110.83	15.41	10.85	0	52.68	16.29	22.81	0	280.24	32.88	0	159.27
09/11/2024 04:35	8.59	0	107.84	15.45	10.98	0	49.66	16.36	22	0	274.5	33.62	0	152.03
09/11/2024 04:40	8.54	0	110.34	15.41	10.86	0	49.5	16.35	21.63	0	279.31	33.17	0	151.22
09/11/2024 04:45	8.25	0	110.62	15.41	10.97	0	52.43	16.17	20.91	0	280.21	32.38	0	154.03
09/11/2024 04:50	8.32	0	107.88	15.45	11.44	0	50.41	16.41	21.41	0	274.16	34.47	0	151.68
09/11/2024 04:55	8.42	0	110.02	15.41	11.5	0	50.16	16.28	21.3	0	278.4	34.61	0	150.94
09/11/2024 05:00	8.97	0	109.65	15.41	11.03	0	50.85	16.22	22.72	0	277.76	32.91	0	150.62
09/11/2024 05:05	8.66	0	108.14	15.44	11.69	0	49.1	16.31	22.11	0	275.02	35.39	0	148.61
09/11/2024 05:10	8.32	0	108.28	15.41	11.8	0	49.11	16.3	21.11	0	276.33	35.67	0	148.5
09/11/2024 05:15	8.68	0	109	15.42	11.19	0	52.17	16.18	22.02	0	276.35	33.07	0	153
09/11/2024 05:20	8.49	0	108.42	15.46	11.79	0	49.74	16.28	21.79	0	271.01	35.47	0	149.65
09/11/2024 05:25	8.57	0	109.17	15.41	11.83	0	49.7	16.29	21.68	0	276.29	35.63	0	149.73
09/11/2024 05:30	8.95	0	108.73	15.41	11.13	0	53.71	16.06	22.67	0	275.35	32.08	0	153.74
09/11/2024 05:35	8.66	0	108.01	15.43	11.61	0	51.34	16.34	22.07	0	274.32	33.97	0	149.24
09/11/2024 05:40	8.69	0	109.33	15.41	11.72	0	51.16	16.12	22	0	276.82	34.05	0	148.62
09/11/2024 05:45	8.76	0	108.77	15.41	11.01	0	52.8	16.14	22.2	0	275.51	32.29	0	153.46
09/11/2024 05:50	8.52	0	106.93	15.45	11.42	0	49.96	16.29	21.81	0	271.96	34.4	0	150.53
09/11/2024 05:55	8.23	0	110.57	15.41	11.38	0	50.2	16.28	20.82	0	279.79	34.23	0	150.88
09/11/2024 06:00	8.38	0	110.2	15.41	11.16	0	54.96	16.03	21.92	0	278.02	31.97	0	156.15
09/11/2024 06:05	8.31	0	108.2	15.43	11.73	0	52.56	16.08	21.17	0	274.4	33.83	0	151.53
09/11/2024 06:10	8.47	0	110.9	15.41	11.98	0	52.97	16.03	21.42	0	280.56	34.23	0	151.27
09/11/2024 06:15	8.58	0	110.81	15.41	11.2	0	56.08	15.93	21.71	0	280.45	31.43	0	156.5
09/11/2024 06:20	8.5	0	108.18	15.41	11.62	0	54.43	16.42	21.42	0	274.12	32.12	0	151.73
09/11/2024 06:25	8.39	0	110.42	15.41	11.47	0	54.92	15.97	21.24	0	279.48	32.34	0	154.86
09/11/2024 06:30	9.13	0	110.28	15.42	11.25	0	55.97	15.96	23.13	0	279.51	31.74	0	156.88
09/11/2024 06:35	8.69	0	109.47	15.43	11.5	0	53.2	16.08	22.13	0	278.15	33.14	0	153.32
09/11/2024 06:40	8.04	0	110.46	15.41	11.53	0	53.5	16.07	20.35	0	279.5	33.19	0	153.97
09/11/2024 06:45	8.2	0	111.13	15.41	11.18	0	55.55	15.96	21.58	0	281.55	33.9	0	155.7
09/11/2024 06:50	8.11	0	109.5	15.42	11.84	0	53.59	16	20.64	0	277.62	33.59	0	152.09
09/11/2024 06:55	8.3	0	111.53	15.41	11.84	0	53.94	15.98	21.01	0	282.33	33.48	0	152.47
09/11/2024 07:00	8.97	0	110.9	15.41	11.14	0	54.33	16.07	22.73	0	281	32.15	0	155.86
09/11/2024 07:05	8.66	0	108.3	15.43	11.61	0	51.17	16.16	21.81	0	274.81	32.15	0	151.73
09/11/2024 07:10	8.52	0	110.11	1										



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
09/11/2024 14:15	9.37	0	104.84	15.44	10.25	0	39.69	17.1	23.86	0	266.85	38.32	0	143.86
09/11/2024 14:20	8.89	0	101.26	15.53	9.63	0	32.43	17.76	23.32	0	260.6	42.57	0	143.38
09/11/2024 14:25	8.8	0	103.21	15.44	9.59	0	32.61	17.76	23.32	0	263.59	42.44	0	144.26
09/11/2024 14:30	8.98	0	103.33	15.45	9.95	0	37.59	17.29	22.3	0	263.4	39.35	0	143.11
09/11/2024 14:35	8.7	0	98.96	15.52	9.21	0	28.74	18.09	22.65	0	256.19	45.64	0	142.4
09/11/2024 14:40	8.95	0	102.4	15.45	9.27	0	28.3	18.13	22.84	0	261.14	46.44	0	141.82
09/11/2024 14:45	9.1	0	102.54	15.46	9.64	0	34.61	17.58	23.24	0	261.97	42.1	0	142.8
09/11/2024 14:50	8.79	0	102.22	15.46	8.14	0	23.03	18.13	23.73	0	253.59	34.04	0	142.58
09/11/2024 14:55	8.94	0	102.4	15.45	8.27	0	21.77	18.87	22.83	0	261.32	56.48	0	148.72
09/11/2024 15:00	9.27	0	101.65	15.47	9.57	0	34.75	17.61	23.72	0	260	42.57	0	145.2
09/11/2024 15:05	8.8	0	98.45	15.54	9.07	0	25.2	18.45	23.06	0	256.81	51.56	0	143.34
09/11/2024 15:10	8.91	0	102.82	15.46	9.47	0	25.88	18.47	23.85	0	262.54	51.93	0	141.9
09/11/2024 15:15	9.33	0	102.87	15.46	9.63	0	35.12	17.53	23.85	0	262.9	41.19	0	143.84
09/11/2024 15:20	8.79	0	100.98	15.56	9.14	0	28.51	18.16	23.26	0	262.71	46.35	0	144.54
09/11/2024 15:25	8.86	0	103.58	15.47	9.2	0	28.61	18.15	22.66	0	264.9	46.54	0	144.69
09/11/2024 15:30	9.57	0	103.98	15.47	9.91	0	37.83	17.32	24.49	0	268.04	39.67	0	145.13
09/11/2024 15:35	8.95	0	102.58	15.56	9.14	0	28.97	18.24	23.69	0	258.3	46	0	145.76
09/11/2024 15:40	8.76	0	103.5	15.46	9.03	0	28.5	18.18	22.38	0	264.33	46.23	0	145.88
09/11/2024 15:45	9.06	0	104.3	15.46	9.75	0	37.53	17.38	23.16	0	266.71	39.8	0	146.3
09/11/2024 15:50	8.64	0	102.37	15.57	8.88	0	29.13	18.13	22.92	0	267.15	44.55	0	146.11
09/11/2024 15:55	8.75	0	104.71	15.45	8.66	0	28.2	18.21	22.36	0	265.39	44.67	0	145.53
09/11/2024 16:00	9.08	0	103.03	15.47	8.87	0	30.31	18.12	23.21	0	263.83	49.31	0	150.83
09/11/2024 16:05	8.57	0	99.81	15.63	7.52	0	16.59	19.49	24.19	0	264.39	75.95	0	165.04
09/11/2024 16:10	8.89	0	102.99	15.46	7.52	0	15.27	19.65	22.71	0	263.13	83.68	0	169.97
09/11/2024 16:15	8.97	0	103.33	15.47	9.38	0	33.74	17.76	22.95	0	264.29	44.87	0	147.97
09/11/2024 16:20	8.62	0	102.63	15.52	8.84	0	22.86	18.81	22.65	0	268.41	35.63	0	145.69
09/11/2024 16:25	8.78	0	103.45	15.46	8.56	0	23.02	18.22	22.44	0	264.38	56.26	0	152.46
09/11/2024 16:30	9.21	0	103.91	15.46	9.15	0	34.04	17.8	23.55	0	265.71	43.45	0	150.7
09/11/2024 16:35	8.64	0	100.19	15.57	7.89	0	22.02	18.94	22.89	0	264.82	56.36	0	156.69
09/11/2024 16:40	8.59	0	104.71	15.45	7.77	0	20.73	19.08	21.92	0	267.23	59.73	0	158.06
09/11/2024 16:45	8.84	0	105.25	15.46	9.23	0	34.38	17.74	22.68	0	268.61	43.48	0	150.6
09/11/2024 16:50	8.29	0	101.7	15.61	7.42	0	20.01	19.17	22.76	0	265.82	59.94	0	161.04
09/11/2024 16:55	8.69	0	104.83	15.45	7.03	0	18.72	19.3	22.18	0	267.58	61.26	0	163.1
09/11/2024 17:00	9.22	0	104.87	15.46	9.09	0	35.24	17.73	23.56	0	267.84	42.84	0	152.98
09/11/2024 17:05	8.6	0	101.51	15.45	7.99	0	22.65	18.25	22.65	0	267.45	56.35	0	158.63
09/11/2024 17:10	8.4	0	105.61	15.45	7.89	0	21.45	19.08	21.45	0	269.58	60.15	0	163.54
09/11/2024 17:15	8.9	0	106.73	15.46	9.34	0	31.78	18.02	22.74	0	272.59	45.95	0	126.63
09/11/2024 17:20	8.48	0	104.69	15.54	7.26	0	9.58	20.72	22.12	0	271.77	69.01	0	173.11
09/11/2024 17:25	8.1	0	105.57	15.45	7.23	0	18.88	20.11	21.61	0	269.95	122.44	0	134.63
09/11/2024 17:30	8.97	0	105.96	15.46	11.49	0	51.29	16.15	22.93	0	270.95	38.39	0	154.53
09/11/2024 17:35	8.62	0	103.3	15.5	11.62	0	45.69	16.48	22.33	0	265.25	36.55	0	143.67
09/11/2024 17:40	8.44	0	106.11	15.45	11.55	0	45.17	16.53	21.53	0	270.71	36.69	0	143.52
09/11/2024 17:45	8.48	0	105.94	15.45	11.33	0	51.21	16.24	21.65	0	270.26	33.92	0	152.56
09/11/2024 17:50	8.1	0	105.57	15.45	11.21	0	43.43	16.53	21.86	0	267.86	37.78	0	145.61
09/11/2024 17:55	8.76	0	105.91	15.46	11.23	0	41.92	16.86	22.38	0	270.43	38.66	0	144.27
09/11/2024 18:00	8.28	0	105.21	15.46	11.35	0	51.15	16.14	21.14	0	268.81	33.39	0	148.77
09/11/2024 18:05	8.53	0	102.55	15.52	11.48	0	45.27	16.56	22.19	0	264.02	36.8	0	145.08
09/11/2024 18:10	8.1	0	105.47	15.45	11.95	0	45.23	16.23	21.36	0	270.36	37.12	0	145.43
09/11/2024 18:15	8.91	0	105.74	15.46	11.42	0	49.93	16.19	22.75	0	270.21	33.84	0	147.03
09/11/2024 18:20	8.59	0	103.29	15.51	11.66	0	46.02	16.5	22.28	0	265.34	36.85	0	145.42
09/11/2024 18:25	8.58	0	106.46	15.45	11.86	0	45.83	16.53	21.89	0	271.46	37.69	0	145.65
09/11/2024 18:30	7.84	0	107.26	15.45	11.43	0	51.53	16.08	19.98	0	273.31	33.12	0	147.94
09/11/2024 18:35	7.94	0	104.58	15.48	11.61	0	44.58	17.29	21.45	0	267.29	35.69	0	145.63
09/11/2024 18:40	8.5	0	105.98	15.44	11.55	0	47.17	16.42	21.66	0	269.84	35.8	0	146.27
09/11/2024 18:45	9.04	0	105.63	15.44	11.82	0	51.2	16.03	23.04	0	269.08	33.87	0	145.48
09/11/2024 18:50	9.28	0	103.56	15.48	12.22	0	49.4	16.23	23.88	0	264.93	36.37	0	147.01
09/11/2024 18:55	8.49	0	106.74	15.44	12.42	0	50.14	16.24	23.42	0	273.33	37.08	0	149.8
09/11/2024 19:00	8.25	0	106.98	15.45	11.46	0	51.31	16.1	21.04	0	272.86	33.37	0	149.8
09/11/2024 19:05	8.58	0	104.35	15.49	11.61	0	46.42	16.53	22.16	0	267.28	36.94	0	147.67
09/11/2024 19:10	8.49	0	106.62	15.44	11.5	0	45.84	16.6	21.63	0	271.68	37.21	0	148.35
09/11/2024 19:15	9.03	0	106.92	15.46	11.71	0	53.44	16.04	23.06	0	273.01	33.6	0	153.63
09/11/2024 19:20	8.66	0	105.66	15.48	12.05	0	48.65	16.45	22.61	0	267.41	36.35	0	145.83
09/11/2024 19:25	8.73	0	107.28	15.45	12.28	0	48.81	16.26	22.26	0	273.63	36.8	0	146.26
09/11/2024 19:30	9.39	0	106.07	15.46	11.81	0	53.04	16.02	23.98	0	276.01	33.66	0	151.07
09/11/2024 19:35	8.95	0	105.11	15.48	12.09	0	49.42	16.18	23.02	0	268.8	35.69	0	145.48
09/11/2024 19:40	8.51	0	106.91	15.44	12.26	0	48.91	16.28	21.28	0	268.36	36.16	0	146.52
09/11/2024 19:45	8.78	0	106.5	15.45	11.82	0	54.28	15.81	22.4	0	271.83	32.37	0	148.02
09/11/2024 19:50	9.2	0	103.04	15.47	12.76	0	50.7	15.92	23.83	0	263.54	35.63	0	141.55
09/11/2024 19:55	8.93	0	105.14	15.45	12.84	0	50.38	15.93	22.75	0	268.02	35.9	0	140.79
09/11/2024 20:00	8.59	0	105.47	15.45	11.95	0	51.98	15.94	21.92	0	268.99	33.59	0	145.28
09/11/2024 20:05	8.82	0	105.13	15.47	12.91	0	48.12	16.12	23.47	0	263.41	36.03	0	141.7
09/11/2024 20:10	8.86	0	105.51	15.44	12.2	0	48.27	16.15	22.57	0	268.84	35.71	0	141.24
09/11/2024 20:15	9.98	0	105.96	15.47	11.98	0	51.41	16.04	25.54	0	271.04	34.33	0	146.41
09/11/2024 20:20	9.75	0	103.3	15.5	12.13	0	48.3	16.29	25.15	0	265.02	36.54	0	145.54
09/11/2024 20:25	9.04	0	105.32	15.44	12.02	0	48.41	16.32	23.03	0	268.36	36.46	0	146.87
09/11/2024 20:30	8.77	0	104.89	15.45	11.77	0	51.38	16.02	23.85	0	267.45	35.63	0	147.48
09/11/2024 20:35	8.81	0	104.24	15.46	12.23	0	49.15	16.13	22.59	0	266.41	35.68	0	143.37
09/11/2024 20:40	8.63	0	105.4	15.44	12.16	0	49.44	16.12	21.98	0	268.37	35.33	0	143.68
09/11/2024 20:45	10	0	105.75	15.45	12.23	0	53.09	15.94	25.52	0	269.87	34.34	0	148.21
09/11/2024 20:50	9.58	0	103.41	15.47	12.84	0	49.17	16.43	21.71	0	264.31	34.74	0	144.3
09/11/2024 20:55	8.96	0	105.66	15.44	13.02									



Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_Nox@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_Nox@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
10/11/2024 04:00	9.52	0	102.42	15.43	12.11	0	52.13	15.88	24.18	0	260.24	33.61	0	144.05
10/11/2024 04:05	9.64	0	99.66	15.46	13	0	50.29	15.94	24.68	0	254.11	36.42	0	140.87
10/11/2024 04:10	9.12	0	102.58	15.43	13.14	0	50.23	15.88	24.42	0	260.24	36.7	0	140.87
10/11/2024 04:15	10.02	0	102.3	15.43	12.28	0	51.74	15.87	25.47	0	261.62	34.01	0	142.65
10/11/2024 04:20	9.73	0	100.88	15.44	12.73	0	49.98	15.92	24.82	0	256.64	35.51	0	139.43
10/11/2024 04:25	9.3	0	102.63	15.42	12.78	0	50.63	15.88	23.6	0	260.51	35.4	0	140.21
10/11/2024 04:30	9.46	0	103	15.43	12.21	0	52.36	15.86	24.04	0	261.57	33.72	0	143.91
10/11/2024 04:35	9.36	0	101.23	15.43	12.78	0	49.65	15.87	24.49	0	257.31	35.35	0	137.45
10/11/2024 04:40	9.34	0	103.21	15.42	12.75	0	49.67	15.87	23.68	0	261.25	35.2	0	137.15
10/11/2024 04:45	9.64	0	102.81	15.43	12.22	0	53.28	15.81	24.5	0	261.25	33.41	0	145.16
10/11/2024 04:50	9.43	0	100.39	15.43	12.76	0	50.74	15.88	24.01	0	255.19	35.32	0	140.49
10/11/2024 04:55	9.38	0	103.38	15.43	12.67	0	50.63	15.87	24.63	0	262.35	34.98	0	139.78
10/11/2024 05:00	9.7	0	103.46	15.44	12.15	0	51.82	15.94	24.68	0	263.27	34.09	0	144.77
10/11/2024 05:05	9.69	0	101.31	15.45	12.47	0	50.23	16.02	24.77	0	258.07	35.5	0	142.99
10/11/2024 05:10	9.2	0	103.86	15.42	12.61	0	50.45	16.01	23.34	0	263.52	35.83	0	143.35
10/11/2024 05:15	9.89	0	104.05	15.43	11.97	0	51.08	15.96	25.13	0	264.31	33.73	0	143.53
10/11/2024 05:20	9.57	0	102.82	15.44	12.89	0	50.39	16.04	24.43	0	261.9	35.05	0	144.02
10/11/2024 05:25	9.3	0	103.89	15.42	12.14	0	50.45	16.02	23.6	0	263.67	34.58	0	143.72
10/11/2024 05:30	9.73	0	103.33	15.43	12.1	0	51.68	15.91	24.71	0	262.34	33.79	0	143.94
10/11/2024 05:35	9.49	0	102.28	15.44	12.51	0	50.81	15.96	24.19	0	260.03	35.19	0	142.89
10/11/2024 05:40	9.4	0	103.63	15.42	12.47	0	50.94	15.94	23.94	0	262.8	34.94	0	142.72
10/11/2024 05:45	10.14	0	104.31	15.45	12.26	0	51.73	15.93	25.77	0	265.05	34.37	0	144.47
10/11/2024 05:50	9.87	0	101.4	15.45	12.65	0	49.46	16.01	25.21	0	257.95	35.99	0	140.67
10/11/2024 05:55	9.45	0	101.84	15.42	12.78	0	49.56	16	23.97	0	258.41	36.25	0	140.55
10/11/2024 06:00	10.01	0	101.57	15.43	12.28	0	50.92	15.94	25.42	0	257.94	34.47	0	142.24
10/11/2024 06:05	9.88	0	100.37	15.44	12.73	0	49.34	15.88	25.37	0	255.32	35.77	0	139.59
10/11/2024 06:10	9.38	0	102.44	15.42	12.72	0	49.89	15.93	23.79	0	259.75	35.56	0	142.48
10/11/2024 06:15	10.4	0	102.91	15.43	12.31	0	49.79	15.99	26.41	0	261.42	34.93	0	140.61
10/11/2024 06:20	9.97	0	100.55	15.44	12.77	0	48.34	16.02	25.4	0	255.87	36.37	0	137.69
10/11/2024 06:25	9.82	0	102.88	15.42	12.72	0	48.78	15.93	24.12	0	260.79	36.02	0	138.16
10/11/2024 06:30	10.22	0	102.91	15.45	12.45	0	50.94	15.87	25.96	0	261.35	34.49	0	140.54
10/11/2024 06:35	9.86	0	101.48	15.44	12.84	0	48.88	15.9	25.13	0	258	35.71	0	135.92
10/11/2024 06:40	9.52	0	102.21	15.42	12.72	0	49.16	15.88	24.13	0	259.16	35.19	0	136.02
10/11/2024 06:45	9.77	0	102.51	15.42	12.53	0	50.29	15.87	24.8	0	260.18	34.67	0	138.89
10/11/2024 06:50	9.67	0	101.45	15.43	13.01	0	49.23	15.87	24.57	0	258.7	35.77	0	139.59
10/11/2024 06:55	9.6	0	101.75	15.42	13.06	0	48.64	15.8	24.34	0	257.92	35.63	0	132.69
10/11/2024 07:00	9.78	0	102.28	15.43	12.64	0	52.66	15.8	24.85	0	259.82	34.49	0	143.31
10/11/2024 07:05	9.77	0	99.53	15.44	13.12	0	49.7	15.78	24.89	0	252.98	35.64	0	134.98
10/11/2024 07:10	9.4	0	101.73	15.42	13.2	0	49.38	15.78	25.38	0	258.68	35.71	0	135.59
10/11/2024 07:15	10.11	0	102.59	15.44	12.85	0	50.17	15.79	25.72	0	261.06	34.96	0	136.29
10/11/2024 07:20	9.82	0	99.8	15.44	13.22	0	49.96	15.79	25.06	0	253.93	35.97	0	135.92
10/11/2024 07:25	9.55	0	102.4	15.42	13.34	0	50.28	15.77	24.25	0	259.94	36.18	0	136.33
10/11/2024 07:30	9.36	0	102.3	15.43	12.49	0	50.34	15.92	23.77	0	259.79	34.93	0	139.88
10/11/2024 07:35	9.13	0	100.8	15.44	12.9	0	48.75	15.8	23.67	0	256.7	36.77	0	133.78
10/11/2024 07:40	9.32	0	102.57	15.43	12.77	0	46.52	16	23.67	0	260.58	36.22	0	131.99
10/11/2024 07:45	9.73	0	102.38	15.44	12.09	0	48.62	16.1	24.76	0	260.44	35.12	0	140.14
10/11/2024 07:50	9.66	0	100.11	15.46	12.7	0	45.79	16.17	24.74	0	255.15	37.35	0	134.66
10/11/2024 07:55	9.39	0	102.94	15.43	12.97	0	48.27	16.12	23.85	0	261.48	37.73	0	134.59
10/11/2024 08:00	9.6	0	102.02	15.43	12.23	0	47.18	16.14	23.99	0	259.39	35.85	0	137.17
10/11/2024 08:05	9.38	0	99.89	15.45	12.6	0	46	16.17	23.85	0	259.45	37.04	0	135.25
10/11/2024 08:10	9.61	0	102.08	15.43	12.59	0	46.41	16.14	24.43	0	259.41	36.78	0	135.53
10/11/2024 08:15	9.41	0	102.52	15.43	12.47	0	47.04	16.03	23.92	0	260.72	35.62	0	133.99
10/11/2024 08:20	9.33	0	101.38	15.45	12.77	0	46.75	16.1	23.67	0	258.51	36.12	0	132.29
10/11/2024 08:25	9.53	0	102.19	15.43	12.72	0	45.77	16.05	24.22	0	259.66	36.49	0	131.29
10/11/2024 08:30	9.49	0	102.8	15.43	12.16	0	47.09	16.15	24.12	0	261.36	35.72	0	137.08
10/11/2024 08:35	9.67	0	99.95	15.46	12.76	0	46.14	16.19	24.76	0	254.77	37.66	0	136.17
10/11/2024 08:40	9.67	0	101.31	15.43	12.89	0	46.77	16.03	24.67	0	257.66	37.9	0	137.08
10/11/2024 08:45	10.02	0	100.89	15.44	12.4	0	46.27	16.17	23.5	0	256.81	35.19	0	135.18
10/11/2024 08:50	9.82	0	98.26	15.47	12.92	0	43.09	16.19	25.2	0	251.11	38.1	0	127.12
10/11/2024 08:55	9.93	0	100.92	15.44	12.97	0	42.92	16.16	25.25	0	256.69	38.05	0	125.93
10/11/2024 09:00	10.23	0	100.91	15.44	12.21	0	45.15	16.23	26.05	0	256.93	36.47	0	133.55
10/11/2024 09:05	10.26	0	97.81	15.47	12.94	0	42.87	16.19	26.33	0	249.83	38.19	0	125.93
10/11/2024 09:10	9.93	0	99.4	15.44	13.09	0	43.31	16.12	25.28	0	252.89	38.08	0	125.96
10/11/2024 09:15	9.88	0	98.79	15.44	12.43	0	45.11	16.16	22.86	0	251.45	36.52	0	132.06
10/11/2024 09:20	9.33	0	96.67	15.43	13.23	0	43.07	16.14	23.78	0	246.13	38.6	0	125.73
10/11/2024 09:25	10.04	0	98.39	15.44	13.38	0	43.05	16.11	23.84	0	250.39	38.82	0	124.84
10/11/2024 09:30	10.33	0	98.3	15.44	12.77	0	44.55	16.04	26.31	0	250.58	36.58	0	127.19
10/11/2024 09:35	10.09	0	96.61	15.46	13.31	0	44	16.08	25.84	0	246.6	38.42	0	126.97
10/11/2024 09:40	9.77	0	97.51	15.44	13.47	0	44.38	16.08	24.85	0	248.09	38.81	0	127.88
10/11/2024 09:45	10.58	0	96.33	15.45	12.55	0	41.19	16.31	26.96	0	245.54	38.08	0	124.49
10/11/2024 09:50	10.21	0	94.3	15.49	12.89	0	40.83	16.39	24.18	0	241.48	39.18	0	125.93
10/11/2024 09:55	9.83	0	97.85	15.44	13.14	0	40.84	16.39	25.01	0	248.94	40.51	0	125.9
10/11/2024 10:00	10.53	0	98.59	15.44	12.06	0	41.39	16.43	26.81	0	251.03	37.6	0	125.93
10/11/2024 10:05	10.26	0	94.53	15.48	12.17	0	38.96	16.63	26.41	0	242.25	39.44	0	126.91
10/11/2024 10:10	10.09	0	97.29	15.44	12.71	0	38.63	16.63	25.67	0	247.55	39.63	0	125.77
10/11/2024 10:15	9.88	0	96.51	15.45	12.85	0	38.51	16.48	26.19	0	246.07	38.21	0	128.15
10/11/2024 10:20	9.97	0	95.5	15.48	12.29	0	38.02	16.66	25.67	0	244.93	40.29	0	124.6
10/11/2024 10:25	9.75	0	97.49	15.43	12.38	0	38.73	16.57	24.8	0	247.97	39.76	0	124.44
10/11/2024 10:30	11.04	0	98.11	15.45	11.91	0	41.6	16.54	28.15	0	250.23	38.18	0	131.57
10/11/2024 10:35	10.35	0	95.73	15.5	11.74	0	37.73	16.73	24.55	0	245.85	40.19	0	125.93
10/11/2024 10:40	10.14	0												



Site DCAP Period: 01/11/2024 00:00-30/11/2024 23:59 Type: AVG															
Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%	
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/11/2024 17:45	9.88	0	98.82	15.45	12.04	0	42.74	16.33	25.19	0	252.05	36.9	0	129.66	
10/11/2024 17:50	9.6	0	96.34	15.51	11.73	0	37.47	16.87	24.94	0	247.43	40.52	0	129.29	
10/11/2024 17:55	9.58	0	96.82	15.45	11.7	0	36.69	16.69	24.69	0	251.96	41.23	0	129.26	
10/11/2024 18:00	10.13	0	98.1	15.45	12.31	0	43.98	16.23	25.83	0	250.07	36.84	0	130.52	
10/11/2024 18:05	9.83	0	95.66	15.47	12.15	0	39.21	16.62	25.25	0	245.02	39.49	0	127.42	
10/11/2024 18:10	9.66	0	98.78	15.44	12.14	0	38.31	16.68	24.61	0	251.61	40.03	0	126.33	
10/11/2024 18:15	9.87	0	99.66	15.45	12.3	0	45.92	16.15	25.17	0	254.24	36.19	0	133.5	
10/11/2024 18:20	9.63	0	97.09	15.48	12.87	0	40.58	16.49	24.82	0	246.79	39.53	0	127.32	
10/11/2024 18:25	9.7	0	99.54	15.45	12.67	0	40.17	16.51	24.72	0	253.69	40.09	0	127.09	
10/11/2024 18:30	8.96	0	99.7	15.45	12.38	0	44.47	16.18	22.85	0	254.13	36.63	0	130.13	
10/11/2024 18:35	9.62	0	96.85	15.5	12.65	0	39.92	16.5	24.87	0	248.24	39.97	0	126.12	
10/11/2024 18:40	9.61	0	98.94	15.44	12.7	0	39.69	16.53	24.93	0	251.82	40.82	0	126.91	
10/11/2024 18:45	9.76	0	99.11	15.45	12.66	0	46.59	16.1	24.88	0	252.61	36.75	0	135.18	
10/11/2024 18:50	9.37	0	96.98	15.47	12.84	0	42.31	16.27	24.07	0	247.66	38.52	0	126.96	
10/11/2024 18:55	9.67	0	99.76	15.44	13	0	42.7	16.23	24.62	0	253.89	38.7	0	127.14	
10/11/2024 19:00	10.17	0	99.49	15.45	12.79	0	45.56	16.1	25.93	0	253.61	37.14	0	131.48	
10/11/2024 19:05	10.22	0	97.56	15.48	12.87	0	43.28	16.25	26.3	0	249.66	38.56	0	129.7	
10/11/2024 19:10	9.66	0	99.98	15.44	12.75	0	43.42	16.27	24.59	0	254.57	38.27	0	130.32	
10/11/2024 19:15	9.69	0	100.41	15.45	12.85	0	46.94	15.92	24.71	0	255.96	35.99	0	130.94	
10/11/2024 19:20	9.64	0	98.7	15.46	13.02	0	44.95	16.08	24.69	0	251.92	37.54	0	129.57	
10/11/2024 19:25	9.71	0	100.67	15.44	12.89	0	45.05	16.08	24.72	0	256.23	37.15	0	129.81	
10/11/2024 19:30	9.57	0	100.37	15.44	12.66	0	47.59	15.99	25.85	0	251.47	35.87	0	134.05	
10/11/2024 19:35	9.48	0	98.17	15.46	12.99	0	44.55	16.11	24.3	0	250.32	37.7	0	129.3	
10/11/2024 19:40	9.21	0	101.45	15.43	13.02	0	44.52	16.1	23.41	0	257.79	37.7	0	128.95	
10/11/2024 19:45	8.67	0	101.32	15.43	12.45	0	47.47	15.96	22.06	0	257.86	35.14	0	133.3	
10/11/2024 19:50	8.99	0	98.74	15.46	12.78	0	45.33	16.14	23.03	0	254.02	37.52	0	131.91	
10/11/2024 19:55	9.58	0	103.02	15.43	12.75	0	45.25	16.15	24.37	0	261.98	37.32	0	132.46	
10/11/2024 20:00	9.94	0	102.68	15.45	12.46	0	48.65	16	26.35	0	261.86	35.45	0	131.88	
10/11/2024 20:05	9.96	0	98.97	15.49	12.87	0	44.88	16.17	25.71	0	253.41	37.81	0	131.49	
10/11/2024 20:10	9.29	0	102.85	15.44	12.92	0	44.8	16.18	23.63	0	261.1	38.05	0	131.91	
10/11/2024 20:15	10.39	0	101.82	15.45	12.45	0	46.25	16.08	25.97	0	259.77	35.87	0	133.03	
10/11/2024 20:20	10.22	0	99.49	15.49	12.44	0	43.7	16.29	26.34	0	254.95	37.52	0	131.81	
10/11/2024 20:25	9.47	0	102.31	15.44	12.34	0	43.22	16.31	24.1	0	260.22	37.41	0	131	
10/11/2024 20:30	8.91	0	102.31	15.44	12.3	0	47.71	16.06	22.68	0	260.47	35.45	0	136.28	
10/11/2024 20:35	9.23	0	98.12	15.46	12.48	0	43.12	16.08	23.65	0	259.66	37.59	0	132.51	
10/11/2024 20:40	9.58	0	102.42	15.44	12.42	0	44.41	16.26	24.38	0	260.69	37.19	0	132.96	
10/11/2024 20:45	10.8	0	101.78	15.45	12.6	0	48.12	16.08	27.57	0	259.8	36.39	0	138.66	
10/11/2024 20:50	10.48	0	99.66	15.48	12.78	0	43.8	16.25	26.96	0	255	38.18	0	130.82	
10/11/2024 20:55	9.63	0	101.93	15.44	12.78	0	43.18	16.28	25.9	0	259.25	38.21	0	130.03	
10/11/2024 21:00	9.76	0	102.7	15.45	12.63	0	48.44	15.98	24.89	0	261.87	35.75	0	136.16	
10/11/2024 21:05	9.7	0	99.82	15.48	13.22	0	44.61	16.16	24.94	0	255.39	38.73	0	130.7	
10/11/2024 21:10	9.52	0	102.01	15.44	13.47	0	44.31	16.16	24.22	0	259.61	39.5	0	129.97	
10/11/2024 21:15	9.51	0	101.6	15.44	12.48	0	48.62	15.93	24.2	0	258.55	35.03	0	135.54	
10/11/2024 21:20	9.58	0	99.75	15.45	13.27	0	45.23	16.27	25.42	0	259.29	37.52	0	129.91	
10/11/2024 21:25	9.16	0	101.93	15.43	13.59	0	44.8	16.04	23.28	0	259.11	38.9	0	128.18	
10/11/2024 21:30	9.63	0	101.22	15.44	12.71	0	48.63	15.9	24.53	0	257.79	35.41	0	130.88	
10/11/2024 21:35	9.7	0	98.98	15.47	13	0	46.17	15.98	24.89	0	253.08	36.68	0	134.32	
10/11/2024 21:40	9.19	0	101.79	15.49	12.77	0	46.41	15.77	24.14	0	258.88	36.04	0	131.02	
10/11/2024 21:45	9.68	0	101.18	15.45	12.8	0	48.25	15.86	23.68	0	258.05	35.97	0	132.63	
10/11/2024 21:50	9.45	0	99.37	15.48	13.24	0	46.81	15.98	24.28	0	254.28	37.37	0	132.14	
10/11/2024 21:55	9.56	0	102.68	15.49	13.25	0	47.05	15.95	24.56	0	263.62	37.22	0	132.15	
10/11/2024 22:00	10.54	0	103.16	15.51	12.54	0	48.98	15.98	27.18	0	265.93	35.51	0	137.85	
10/11/2024 22:05	10.18	0	101.28	15.54	12.94	0	45.53	16.37	26.52	0	263.37	37.52	0	132.52	
10/11/2024 22:10	9.39	0	102.39	15.51	12.95	0	45.44	16.11	24.21	0	263.92	37.57	0	131.79	
10/11/2024 22:15	10.02	0	102.44	15.52	12.75	0	49.28	15.97	25.88	0	264.61	36	0	138.44	
10/11/2024 22:20	9.65	0	101.55	15.53	13.2	0	46.04	16.11	25.05	0	262.77	38.3	0	133.58	
10/11/2024 22:25	9.3	0	103.66	15.52	13.22	0	45.84	16.12	24.92	0	267.73	38.44	0	132.93	
10/11/2024 22:30	8.96	0	104.41	15.52	12.54	0	48.73	16.17	25.17	0	269.86	38.73	0	138.09	
10/11/2024 22:35	9.28	0	101.5	15.54	13.4	0	46.07	16.12	24.15	0	262.88	38.99	0	134.08	
10/11/2024 22:40	9.25	0	102.83	15.53	13.56	0	46.16	16.12	23.91	0	265.94	39.45	0	134.27	
10/11/2024 22:45	9.7	0	103.44	15.53	12.74	0	48.27	16.05	25.13	0	267.89	36.6	0	137.81	
10/11/2024 22:50	9.9	0	100.58	15.56	13.2	0	45.51	16.18	25.47	0	261.47	38.51	0	134.94	
10/11/2024 22:55	9.62	0	102.55	15.53	13.2	0	45.53	16.19	24.92	0	265.6	38.93	0	134.25	
10/11/2024 23:00	10.05	0	102.22	15.55	12.62	0	48.84	16.04	26.09	0	265.42	36.19	0	139.28	
10/11/2024 23:05	9.65	0	100.71	15.56	13.15	0	46.23	16.15	25.16	0	261.58	38.49	0	135.27	
10/11/2024 23:10	9.28	0	102.73	15.53	13.17	0	46.55	16.12	24.93	0	266.1	38.55	0	135.23	
10/11/2024 23:15	9.23	0	103.76	15.53	12.56	0	50.3	16.01	23.91	0	268.73	35.74	0	142.33	
10/11/2024 23:20	9.52	0	101.56	15.55	13.12	0	47.92	16.07	24.8	0	263.55	37.74	0	137.84	
10/11/2024 23:25	9.1	0	104.32	15.53	13.11	0	48.2	16.05	23.56	0	270.16	37.56	0	138.1	
10/11/2024 23:30	8.62	0	105.3	15.53	12.67	0	51.68	15.89	22.31	0	272.63	35.14	0	142.78	
10/11/2024 23:35	9.15	0	102.75	15.55	13.12	0	48.69	15.92	26.44	0	266.44	37.03	0	137.11	
10/11/2024 23:40	9.28	0	104.55	15.54	13.09	0	48.64	15.97	24.05	0	270.92	36.91	0	137.11	
10/11/2024 23:45	8.89	0	105.78	15.54	12.43	0	51.07	15.93	23.03	0	274.1	34.83	0	142.5	
10/11/2024 23:50	9.13	0	102.23	15.54	13	0	48.93	15.98	23.71	0	265.28	36.74	0	138.32	
10/11/2024 23:55	9.45	0	103.1	15.53	12.89	0	46.98	15.97	24.48	0	267.03	36.91	0	137.99	
11/11/2024 00:00	10.33	0	102.69	15.55	13.01	0	49.07	15.87	26.87	0	266.79	35.97	0	137.41	
11/11/2024 00:05	9.97	0	100.05	15.55	13.56	0	46.77	16.02	25.94	0	259.86	38.6	0	133.11	
11/11/2024 00:10	9.57	0	102.19	15.53	13.72	0	47.05	16.01	24.79	0	264.71	38.98	0	133.67	
11/11/2024 00:15	10.09	0	102.14	15.55	12.9	0	49.69	15.93	26.19	0	265.13	36.15	0	138.87	
11/11/2024 00:20	9.1	0	99.87	15.57	13.53	0	47.59	15.9	25.91						



Date & Time	Stack1_N0x	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_N0x	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_N0x@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_N0x@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
11/11/2024 07:30	10.16	0	98.85	15.49	12.73	0	50.34	15.87	26.1	0	254.01	35.21	0	138.7
11/11/2024 07:35	9.79	0	97.96	15.5	13.12	0	48.24	15.94	25.24	0	251.94	36.74	0	135.11
11/11/2024 07:40	9.11	0	101.98	15.49	13.11	0	49.36	15.93	24.62	0	262.12	36.62	0	136.62
11/11/2024 07:45	9.6	0	102.27	15.5	12.45	0	51.3	15.93	24.73	0	263.49	34.86	0	142.99
11/11/2024 07:50	9.41	0	101.24	15.51	12.56	0	49.85	16.01	24.32	0	261.03	35.73	0	141.8
11/11/2024 07:55	9.14	0	104.27	15.5	12.42	0	50.72	15.97	23.51	0	268.36	34.99	0	142.87
11/11/2024 08:00	9.47	0	104.99	15.51	12.31	0	53.55	15.94	24.43	0	270.8	34.52	0	142.72
11/11/2024 08:05	9.42	0	104.21	15.52	12.7	0	52.42	15.93	24.39	0	269.16	36.03	0	142.92
11/11/2024 08:10	9.04	0	105.39	15.5	12.75	0	50.17	15.98	23.28	0	271.38	36.05	0	141.87
11/11/2024 08:15	9	0	106.09	15.5	12.14	0	53.77	15.89	23.19	0	273.24	33.72	0	148.69
11/11/2024 08:20	9.1	0	103.4	15.52	12.77	0	51.11	15.96	23.59	0	266.86	35.92	0	143.77
11/11/2024 08:25	8.98	0	105.84	15.5	12.77	0	51.77	15.94	21.44	0	272.36	35.77	0	144.12
11/11/2024 08:30	9.74	0	106.62	15.51	12.23	0	52.77	15.9	25.12	0	274.83	34.05	0	146.5
11/11/2024 08:35	9.19	0	104.01	15.51	12.54	0	51.37	15.93	23.72	0	268.12	35.08	0	143.7
11/11/2024 08:40	8.75	0	106.19	15.51	12.36	0	51.61	15.91	22.57	0	273.81	34.46	0	143.88
11/11/2024 08:45	9.4	0	106.46	15.52	12.19	0	53.62	15.89	24.28	0	275.06	33.87	0	148.58
11/11/2024 08:50	9.07	0	104.07	15.52	12.67	0	52.04	15.93	22.5	0	269.26	36.45	0	145.59
11/11/2024 08:55	9.02	0	105.24	15.51	12.91	0	51.94	15.92	23.26	0	271.2	36	0	144.88
11/11/2024 09:00	9.39	0	104.67	15.52	12.2	0	53.65	15.92	24.23	0	270.21	34.11	0	149.36
11/11/2024 09:05	9.43	0	102.92	15.53	12.68	0	51.71	15.96	24.48	0	266.13	35.77	0	145.58
11/11/2024 09:10	8.84	0	106.67	15.52	12.35	0	51.77	15.95	22.82	0	275.3	35.07	0	145.36
11/11/2024 09:15	9.3	0	106.62	15.52	11.83	0	53.56	16.04	23.03	0	275.38	33.88	0	152.63
11/11/2024 09:20	9.15	0	104.92	15.54	12.13	0	51.39	16.15	23.79	0	271.85	35.47	0	150.37
11/11/2024 09:25	8.6	0	107.65	15.51	12.14	0	51.52	16.14	22.17	0	277.56	35.48	0	150.55
11/11/2024 09:30	9.81	0	107.92	15.52	11.99	0	55.8	15.89	25.36	0	279	33.33	0	154.53
11/11/2024 09:35	9.14	0	106.02	15.52	12.13	0	54.19	15.83	23.62	0	273.92	33.69	0	151.51
11/11/2024 09:40	8.52	0	109.6	15.51	12.56	0	54.64	15.91	21.97	0	282.73	34.97	0	152.09
11/11/2024 09:45	8.19	0	109.29	15.51	11.87	0	57.79	15.77	21.12	0	281.91	32.2	0	156.31
11/11/2024 09:50	8.51	0	106.15	15.52	12.81	0	54.79	15.81	22.03	0	274	34.88	0	149.56
11/11/2024 09:55	8.8	0	106.67	15.52	12.35	0	54.66	15.8	22.71	0	275.44	35.29	0	149.92
11/11/2024 10:00	8.83	0	107.06	15.52	12.22	0	57.07	15.74	22.83	0	276.7	32.51	0	153.4
11/11/2024 10:05	8.78	0	104.94	15.53	12.64	0	55.15	15.78	22.73	0	271.37	34.35	0	149.85
11/11/2024 10:10	8.81	0	107.08	15.52	12.64	0	55.08	15.78	22.77	0	276.82	34.33	0	149.57
11/11/2024 10:15	8.45	0	106.99	15.52	11.9	0	56.79	15.76	21.85	0	276.68	32.19	0	153.28
11/11/2024 10:20	8.28	0	106.45	15.53	12.34	0	56.05	15.78	21.46	0	272.77	33.5	0	152.1
11/11/2024 10:25	8.4	0	109.1	15.53	12.38	0	56.09	15.76	21.73	0	282.3	33.49	0	151.81
11/11/2024 10:30	9.26	0	109.27	15.54	11.76	0	58.23	15.77	24.02	0	283.32	31.86	0	157.47
11/11/2024 10:35	8.85	0	106.21	15.54	12.36	0	55.83	15.8	22.97	0	275.15	33.66	0	152.06
11/11/2024 10:40	8.51	0	106.15	15.53	12.39	0	56.23	15.78	23.78	0	274.81	33.63	0	152.89
11/11/2024 10:45	9.36	0	105.64	15.55	12.19	0	55.69	15.75	24.34	0	274.6	32.9	0	150.05
11/11/2024 10:50	9.4	0	103.17	15.55	13	0	53.27	15.78	24.47	0	268.08	35.3	0	144.66
11/11/2024 10:55	8.74	0	104.79	15.54	13.09	0	53.03	15.77	22.65	0	271.54	35.48	0	143.7
11/11/2024 11:00	8.76	0	105.18	15.54	12.29	0	54.33	15.8	22.7	0	272.55	33.53	0	147.81
11/11/2024 11:05	8.91	0	103.32	15.54	12.71	0	54.06	15.84	22.9	0	273.9	34.89	0	145.9
11/11/2024 11:10	8.44	0	105.59	15.53	12.97	0	53.25	15.83	21.86	0	273.48	34.81	0	145.94
11/11/2024 11:15	8.84	0	106.7	15.55	11.97	0	56.17	15.8	22.99	0	277.37	32.62	0	152.72
11/11/2024 11:20	8.33	0	104.43	15.55	12.75	0	54.18	15.82	21.68	0	271.04	34.9	0	148.37
11/11/2024 11:25	8.57	0	106.14	15.54	12.89	0	54.38	15.81	22.23	0	275.29	35.29	0	148.61
11/11/2024 11:30	9.03	0	106.91	15.56	12.05	0	56.46	15.81	23.49	0	278.06	32.53	0	153.92
11/11/2024 11:35	9	0	105.38	15.56	12.37	0	54.67	15.84	23.44	0	274.04	33.97	0	150.12
11/11/2024 11:40	8.47	0	106.43	15.55	12.34	0	54.97	15.83	21.99	0	281.54	33.82	0	150.6
11/11/2024 11:45	8.74	0	107.42	15.55	11.71	0	57.08	15.81	22.69	0	278.93	32.04	0	155.69
11/11/2024 11:50	8.68	0	106.88	15.56	12.38	0	54.18	15.82	21.14	0	273.98	34.13	0	149.25
11/11/2024 11:55	8.49	0	105.25	15.55	12.39	0	54.3	15.85	22.05	0	273.33	34.12	0	149.5
11/11/2024 12:00	8.73	0	105.26	15.56	12.06	0	54.44	15.84	22.72	0	273.94	33.18	0	149.49
11/11/2024 12:05	8.74	0	101.61	15.57	12.61	0	50.36	15.91	22.83	0	264.51	35.12	0	140.33
11/11/2024 12:10	8.75	0	103.63	15.55	12.53	0	50.42	15.89	22.74	0	269.35	34.75	0	139.62
11/11/2024 12:15	9.16	0	104.19	15.55	12.06	0	53.55	15.87	22.87	0	270.94	33.39	0	147.8
11/11/2024 12:20	8.79	0	103.42	15.56	12.7	0	52.91	15.89	22.9	0	268.97	35.22	0	146.7
11/11/2024 12:25	8.49	0	106.19	15.55	12.7	0	53.44	15.87	22.09	0	276.11	35.11	0	147.68
11/11/2024 12:30	8.71	0	105.84	15.56	12.1	0	55	15.81	22.68	0	275.55	33.08	0	150.03
11/11/2024 12:35	8.5	0	104.69	15.56	12.61	0	54.41	15.81	22.37	0	273.36	34.71	0	149.68
11/11/2024 12:40	8.24	0	108.94	15.55	12.64	0	55	15.8	21.43	0	283.23	34.48	0	150.04
11/11/2024 12:45	8.4	0	106.36	15.57	11.93	0	55.42	15.86	21.9	0	282.51	33	0	152.77
11/11/2024 12:50	8.33	0	106.01	15.57	12.52	0	52.59	15.94	21.76	0	276.4	35.05	0	147.28
11/11/2024 12:55	8.54	0	105.99	15.56	12.47	0	52.44	15.92	21.47	0	275.32	34.82	0	146.42
11/11/2024 13:00	8.77	0	106.8	15.57	12.12	0	54.42	15.85	22.86	0	278.46	33.38	0	149.44
11/11/2024 13:05	8.76	0	103.82	15.58	12.9	0	52.1	15.9	22.95	0	270.95	35.83	0	144.7
11/11/2024 13:10	8.38	0	107.06	15.57	13.11	0	52.33	15.89	21.83	0	278.94	36.34	0	145.06
11/11/2024 13:15	8.46	0	108.19	15.58	11.73	0	55.8	15.9	22.08	0	282.42	32.67	0	154.8
11/11/2024 13:20	8.32	0	105.24	15.58	12.17	0	52.82	15.82	21.73	0	274.79	34.82	0	150.28
11/11/2024 13:25	8.23	0	107.5	15.57	12.19	0	53.19	15.99	21.47	0	280.32	34.53	0	150.69
11/11/2024 13:30	8.41	0	106.34	15.57	11.48	0	57.04	15.89	21.94	0	282.72	31.93	0	158.1
11/11/2024 13:35	8.32	0	104.97	15.58	12.28	0	53.45	15.98	21.79	0	274.07	34.7	0	151.05
11/11/2024 13:40	8.51	0	104.9	15.57	12.53	0	52.89	15.98	22.18	0	273.43	35.37	0	149.28
11/11/2024 13:45	8.9	0	105.35	15.58	11.92	0	53.71	15.91	21.73	0	274.72	33.23	0	149.2
11/11/2024 13:50	8.6	0	103.09	15.59	12.72	0	50.63	16.1	22.59	0	269.65	36.82	0	146.58
11/11/2024 13:55	8.26	0	107.09	15.58	13.11	0	50.39	16.1	21.56	0	279.55	37.95	0	145.88
11/11/2024 14:00	8.15	0	106.66	15.59	11.55	0	55.78	15.97	21.32	0	284.23	32.64	0	156.95
11/11/2024 14:05	8.15	0	106.15	15.6	11.97	0	53.03	16.07	21.0	0	273.3	35.43	0	150.5
11/11/2024 14:10	8.27	0	107.91	15.58	11.86									



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
11/11/2024 21:15	9.43	0	108.42	15.55	11.31	0	54.54	16.08	24.49	0	281.69	32.69	0	156.86
11/11/2024 21:20	9.12	0	105.85	15.56	11.62	0	51.84	16.23	23.76	0	275.46	34.58	0	154.34
11/11/2024 21:25	8.1	0	108.28	15.54	11.64	0	52.03	16.03	24.03	0	280.83	34.65	0	154.86
11/11/2024 21:30	8.54	0	108.31	15.54	11.25	0	52.6	16.14	22.16	0	281.09	32.95	0	153.4
11/11/2024 21:35	8.36	0	105.58	15.56	11.53	0	49.67	16.35	21.82	0	274.79	35.22	0	151.72
11/11/2024 21:40	8.05	0	109.07	15.54	11.48	0	49.28	16.36	20.85	0	282.63	35.17	0	150.91
11/11/2024 21:45	8.09	0	106.55	15.54	11.19	0	53.99	16.15	20.99	0	281.62	32.86	0	158.29
11/11/2024 21:50	8.15	0	108.06	15.57	11.53	0	50.57	16.23	21.27	0	278.05	34.74	0	149.95
11/11/2024 21:55	8.13	0	108.88	15.53	11.66	0	50.23	16.24	21.06	0	281.86	34.78	0	149.91
11/11/2024 22:00	7.68	0	109.03	15.53	11.06	0	53.87	16.12	19.85	0	282.04	32.27	0	156.12
11/11/2024 22:05	8.25	0	108.71	15.56	11.68	0	50.62	16.28	21.56	0	277.22	35.1	0	152.15
11/11/2024 22:10	8.1	0	108.99	15.53	11.69	0	50.56	16.28	20.56	0	282.34	35.16	0	152.17
11/11/2024 22:15	9.69	0	110.01	15.55	11.46	0	56.09	16.01	25.18	0	285.81	32.68	0	158.87
11/11/2024 22:20	9.03	0	106.68	15.56	11.79	0	51.65	16.19	23.59	0	277.43	34.78	0	152.41
11/11/2024 22:25	8.51	0	106.35	15.53	11.78	0	51.31	16.19	22.01	0	275.1	34.8	0	151.55
11/11/2024 22:30	7.89	0	106.52	15.53	11.36	0	54.1	16.08	20.41	0	276.59	32.85	0	156.18
11/11/2024 22:35	8.36	0	107.94	15.55	11.84	0	50.64	16.21	21.27	0	274.1	35.05	0	149.95
11/11/2024 22:40	8.41	0	108.28	15.52	12	0	50.47	16.19	21.75	0	279.95	35.43	0	149.01
11/11/2024 22:45	9.44	0	108.02	15.54	11.5	0	53.28	16.09	24.47	0	279.91	33.31	0	153.3
11/11/2024 22:50	8.83	0	105.54	15.56	11.71	0	49.54	16.3	23.08	0	274.16	35.36	0	149.56
11/11/2024 22:55	8.2	0	107.89	15.52	11.72	0	49.17	16.31	21.18	0	278.89	35.52	0	149.04
11/11/2024 23:00	8.91	0	107.3	15.53	11.16	0	53.52	16.08	23.08	0	277.89	32.35	0	153.97
11/11/2024 23:05	8.96	0	103.41	15.58	11.65	0	50.98	16.23	23.53	0	269.15	34.7	0	151.88
11/11/2024 23:10	8.21	0	108.41	15.53	11.89	0	51.11	16.24	21.24	0	280.55	35.48	0	152.52
11/11/2024 23:15	8.49	0	108.71	15.53	11.29	0	54.75	16.06	21.97	0	281.47	32.47	0	156.58
11/11/2024 23:20	8.45	0	105.35	15.55	11.22	0	50.72	16.13	22.73	0	273.16	32.47	0	149.01
11/11/2024 23:25	8.11	0	106.24	15.52	11.47	0	50.27	16.2	20.95	0	274.32	33.93	0	148.71
11/11/2024 23:30	8.68	0	106.64	15.52	11.46	0	55.11	15.92	22.45	0	275.78	32.08	0	154.41
11/11/2024 23:35	8.69	0	105.04	15.54	11.93	0	54.47	16.01	22.59	0	272.07	33.89	0	153.84
11/11/2024 23:40	8.36	0	107.94	15.52	11.88	0	54.48	15.98	21.69	0	278.9	33.7	0	153.97
11/11/2024 23:45	9.21	0	107.5	15.53	11.57	0	55.21	15.97	23.83	0	278.16	32.66	0	155.26
11/11/2024 23:50	8.73	0	105.57	15.54	11.89	0	53.08	16.13	22.7	0	273.47	34.62	0	154.58
11/11/2024 23:55	8.44	0	108.33	15.52	11.92	0	53.16	16.14	21.8	0	279.7	34.8	0	155.14
12/11/2024 00:00	7.57	0	107.72	15.51	11.38	0	57.36	15.89	19.53	0	277.75	31.65	0	158.85
12/11/2024 00:05	8.01	0	105.42	15.54	12.18	0	54.58	16.32	21.82	0	271.82	34.68	0	155.02
12/11/2024 00:10	8.48	0	108.32	15.51	12.25	0	54.89	16.03	21.88	0	279.47	34.94	0	156.56
12/11/2024 00:15	8.78	0	108.86	15.52	11.33	0	57.94	15.92	22.68	0	281.2	31.67	0	161.3
12/11/2024 00:20	8.26	0	106.22	15.53	11.95	0	55.6	16.02	21.47	0	274.82	34.05	0	158.44
12/11/2024 00:25	8.94	0	108.08	15.51	12.22	0	55.55	16.21	20.55	0	275.71	34.85	0	158.28
12/11/2024 00:30	8.14	0	107.45	15.51	11.37	0	57.21	15.93	21.02	0	277.29	31.86	0	159.71
12/11/2024 00:35	8.2	0	105.17	15.54	11.75	0	54.56	16.07	21.33	0	272.14	33.81	0	156.97
12/11/2024 00:40	8.19	0	107.95	15.51	11.72	0	55.06	16.08	21.12	0	278.35	33.77	0	158.68
12/11/2024 00:45	9.35	0	108.12	15.53	11.28	0	57.52	15.95	24.18	0	279.87	31.69	0	161
12/11/2024 00:50	9.21	0	107.67	15.51	11.72	0	53.88	16.1	21.72	0	278.67	33.7	0	159.72
12/11/2024 00:55	8.4	0	107.95	15.51	11.92	0	53.84	16.06	21.67	0	278.29	34.21	0	154.51
12/11/2024 01:00	9.16	0	107.35	15.52	11.31	0	55.63	15.98	23.65	0	277.12	32.03	0	156.82
12/11/2024 01:05	9.05	0	108.87	15.52	11.99	0	53.06	16.06	23.44	0	276.34	34.43	0	152.35
12/11/2024 01:10	8.45	0	108.05	15.51	12.22	0	53.52	16.04	21.52	0	278.52	34.94	0	153.03
12/11/2024 01:15	8.19	0	108.41	15.51	11.27	0	57.95	15.83	21.13	0	278.58	30.93	0	158.55
12/11/2024 01:20	8.19	0	107.53	15.52	11.93	0	55.91	15.86	21.19	0	277.59	32.92	0	154.26
12/11/2024 01:25	8.1	0	108.7	15.5	11.83	0	56.19	15.85	20.87	0	280.04	32.53	0	154.51
12/11/2024 01:30	8.34	0	108.19	15.51	11.27	0	56.69	15.83	21.51	0	278.98	30.9	0	160.46
12/11/2024 01:35	8.27	0	108.23	15.52	11.86	0	56.23	16.12	21.4	0	278.11	32.93	0	157.05
12/11/2024 01:40	8.18	0	108.52	15.51	12.02	0	57.38	15.83	21.09	0	279.74	32.94	0	157.29
12/11/2024 01:45	8.95	0	108.38	15.52	11.43	0	59.57	15.79	23.12	0	279.87	31.16	0	161.87
12/11/2024 01:50	8.67	0	106.42	15.52	11.92	0	57.58	15.83	22.43	0	274.71	32.69	0	157.89
12/11/2024 01:55	8.25	0	108.34	15.51	11.12	0	57.95	15.82	21.7	0	279.17	32.84	0	158.42
12/11/2024 02:00	9.08	0	108.42	15.52	11.43	0	58.21	15.82	23.45	0	279.88	31.29	0	158.95
12/11/2024 02:05	8.78	0	105.9	15.52	11.98	0	55.32	15.89	22.73	0	273.4	33.23	0	153.51
12/11/2024 02:10	8.3	0	107.98	15.51	12.06	0	55.28	15.88	21.38	0	278.21	33.43	0	153.2
12/11/2024 02:15	9.28	0	109.01	15.52	11.2	0	56.91	15.94	23.96	0	281.51	31.43	0	159.11
12/11/2024 02:20	8.75	0	107.19	15.52	11.7	0	54.82	16.07	22.67	0	278.87	33.3	0	158.53
12/11/2024 02:25	8.04	0	108.33	15.5	12	0	54.69	16	20.7	0	278.83	34.03	0	155.08
12/11/2024 02:30	8.02	0	108.82	15.51	11.11	0	56.9	15.9	20.67	0	280.51	30.92	0	158.02
12/11/2024 02:35	8.07	0	108.85	15.52	11.72	0	56.89	15.9	20.87	0	275.56	32.6	0	158.3
12/11/2024 02:40	8.04	0	108.86	15.5	11.78	0	56.44	15.87	20.67	0	279.87	32.54	0	158.7
12/11/2024 02:45	8.62	0	107.55	15.5	11.07	0	57.83	15.89	22.17	0	276.87	30.78	0	159.65
12/11/2024 02:50	8.51	0	106.68	15.5	11.55	0	56.19	15.91	21.95	0	274.68	32.14	0	156.37
12/11/2024 02:55	8.12	0	108.91	15.49	11.53	0	56.77	15.88	20.88	0	279.89	31.94	0	157.22
12/11/2024 03:00	8.48	0	108.73	15.5	11.19	0	59.26	15.78	21.83	0	279.82	30.41	0	160.52
12/11/2024 03:05	8.42	0	108.32	15.5	11.32	0	56.47	15.87	21.77	0	278.68	32.1	0	159.7
12/11/2024 03:10	8.37	0	108.06	15.49	12.06	0	56.41	15.81	21.51	0	277.72	32.97	0	154.16
12/11/2024 03:15	8.47	0	107.62	15.5	11.12	0	58.8	15.79	21.8	0	276.87	30.27	0	159.59
12/11/2024 03:20	8.45	0	105.5	15.5	11.76	0	56.16	15.84	21.8	0	271.46	32.29	0	154.15
12/11/2024 03:25	8.24	0	108.42	15.5	11.75	0	56.36	15.82	21.2	0	278.86	32.14	0	154.17
12/11/2024 03:30	8.74	0	107.74	15.5	11.31	0	57.93	15.83	22.53	0	278.17	31.09	0	158.24
12/11/2024 03:35	8.56	0	106.07	15.52	11.89	0	56.09	15.87	22.14	0	273.55	32.87	0	155.01
12/11/2024 03:40	8.22	0	109.09	15.5	11.95	0	56.14	15.85	21.14	0	280.69	32.93	0	154.67
12/11/2024 03:45	7.95	0	109.09	15.5	11.21	0	59.57	15.82	20.47	0	280.81	30.68	0	159.94
12/11/2024 03:50	8.11	0	107.19	15.51	11.73	0	57.11	15.73	21.7	0	276.1	32.1	0	159.7
12/11/2024 03:55	8	0	1											



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
12/11/2024 11:00	9.22	0	106.14	15.59	10.97	0	48.2	16.46	24.15	0	277.89	34.47	0	149.89
12/11/2024 11:05	9.13	0	102.46	15.63	11.61	0	43.99	16.69	24.15	0	269.49	38.3	0	145.2
12/11/2024 11:10	8.1	0	101.87	15.59	11.8	0	44.36	16.67	24.63	0	266.33	38.67	0	146.7
12/11/2024 11:15	9.91	0	102.31	15.6	11.02	0	48.38	16.57	25.98	0	268.32	35.36	0	154.23
12/11/2024 11:20	9.23	0	100.23	15.64	10.8	0	43.43	16.87	24.51	0	264.07	37.29	0	149.94
12/11/2024 11:25	8.43	0	102.89	15.58	10.83	0	43.77	16.85	22.04	0	269.06	37.13	0	150.09
12/11/2024 11:30	8.63	0	102.61	15.59	10.81	0	45.71	16.64	22.61	0	268.7	35.52	0	148.68
12/11/2024 11:35	8.51	0	102.53	15.61	11.19	0	42.94	16.76	22.53	0	265.43	37.37	0	144.19
12/11/2024 11:40	8.5	0	100.96	15.59	11.39	0	42.95	16.7	22.25	0	264.17	37.71	0	142.21
12/11/2024 11:45	9.42	0	100.75	15.6	11.13	0	45.28	16.54	24.69	0	264.08	35.63	0	144.2
12/11/2024 11:50	8.96	0	98.29	15.64	11.3	0	43.38	16.75	23.8	0	258.89	37.88	0	145.43
12/11/2024 11:55	8.5	0	100.65	15.59	11.23	0	43.28	16.59	23.28	0	263.36	37.37	0	151.73
12/11/2024 12:00	8.98	0	100.3	15.59	11.26	0	47.42	16.43	23.51	0	262.43	35.17	0	147.14
12/11/2024 12:05	8.82	0	98.26	15.63	11.65	0	44.33	16.65	23.37	0	258.15	38.09	0	144.96
12/11/2024 12:10	8.68	0	101.24	15.58	11.58	0	44.41	16.63	22.71	0	264.7	37.65	0	144.39
12/11/2024 12:15	8.6	0	103.08	15.59	10.95	0	48.72	16.44	22.52	0	269.79	34.28	0	150.85
12/11/2024 12:20	8.7	0	99.04	15.66	11.32	0	49.04	16.69	23.25	0	261.81	37.99	0	148.6
12/11/2024 12:25	8.59	0	101.56	15.59	11.3	0	45.06	16.71	22.47	0	265.72	37.51	0	149.64
12/11/2024 12:30	9.39	0	102.51	15.6	10.72	0	46.09	16.74	24.63	0	268.84	36.29	0	152.68
12/11/2024 12:35	8.83	0	98.79	15.79	9.33	0	32.54	17.98	24.79	0	270.03	44.49	0	154.81
12/11/2024 12:40	8.54	0	101.35	15.59	9.02	0	30.98	18.15	22.37	0	265.54	45.49	0	156.35
12/11/2024 12:45	9.22	0	102.02	15.6	10.74	0	46.3	16.7	23.37	0	264.31	36.09	0	152.36
12/11/2024 12:50	8.9	0	99.26	15.67	10.92	0	41.38	17.06	23.87	0	262.77	39.5	0	149.7
12/11/2024 12:55	8.62	0	102.34	15.59	10.98	0	41.36	17.06	22.57	0	267.98	39.77	0	149.75
12/11/2024 13:00	8.69	0	101.94	15.6	11.21	0	47.14	16.44	22.79	0	267.45	35.07	0	146.69
12/11/2024 13:05	8.65	0	98.27	15.63	11.81	0	46.96	16.43	23.1	0	261.38	36.73	0	146.59
12/11/2024 13:10	8.65	0	101.62	15.63	11.91	0	46.63	16.41	22.69	0	266.56	36.85	0	144.32
12/11/2024 13:15	8.6	0	101.53	15.61	11.29	0	50.19	16.34	22.58	0	266.34	34.61	0	152.39
12/11/2024 13:20	8.51	0	98.95	15.64	11.66	0	44.43	16.69	22.63	0	260.86	38.48	0	146.62
12/11/2024 13:25	8.56	0	101.24	15.6	11.81	0	44.34	16.65	22.46	0	265.51	38.68	0	145.19
12/11/2024 13:30	8.94	0	100.71	15.6	11.24	0	47.5	16.51	23.45	0	264.13	35.82	0	149.82
12/11/2024 13:35	8.67	0	99.1	15.64	11.29	0	42.09	16.93	23.07	0	261.62	39.55	0	147.44
12/11/2024 13:40	8.63	0	101.1	15.6	11.25	0	41.97	16.96	22.62	0	265.09	39.71	0	148.16
12/11/2024 13:45	9.08	0	100.98	15.61	11.16	0	48.14	16.45	23.85	0	265.14	35.04	0	149.48
12/11/2024 13:50	8.77	0	99.64	15.64	11.49	0	43.37	16.53	23.3	0	264.18	38.57	0	146.99
12/11/2024 13:55	8.64	0	101.15	15.6	11.72	0	43.16	16.79	22.66	0	265.27	39.67	0	146.09
12/11/2024 14:00	8.68	0	101.38	15.61	11.09	0	45.31	16.66	22.79	0	266.18	36.71	0	148.28
12/11/2024 14:05	8.5	0	98.45	15.7	10.42	0	37.66	17.44	23.06	0	261.96	41.84	0	151.15
12/11/2024 14:10	8.71	0	100.78	15.63	10.53	0	36.84	17.53	23.43	0	254.34	43.43	0	151.25
12/11/2024 14:15	8.96	0	101.4	15.61	11.4	0	49.66	16.31	23.54	0	266.4	34.82	0	149.98
12/11/2024 14:20	8.76	0	98.29	15.63	12.02	0	47.15	16.39	23.14	0	259.04	37.05	0	145.26
12/11/2024 14:25	8.59	0	100.96	15.6	11.97	0	47.25	16.35	22.52	0	264.66	36.55	0	144.3
12/11/2024 14:30	8.74	0	100.66	15.6	11.03	0	45.79	16.63	22.95	0	264.22	36.15	0	148.42
12/11/2024 14:35	8.1	0	97.49	15.66	10.2	0	37.51	17.42	23.61	0	261.72	41.13	0	151.73
12/11/2024 14:40	8.61	0	100.88	15.6	10.27	0	36.95	17.51	22.6	0	264.73	42.05	0	151.35
12/11/2024 14:45	8.81	0	101.14	15.61	10.71	0	46.2	16.72	23.15	0	265.72	36.28	0	152.38
12/11/2024 14:50	8.56	0	98.15	15.7	10.24	0	37.51	17.45	23.17	0	261.14	41.31	0	151.22
12/11/2024 14:55	8.69	0	101	15.61	10.06	0	36.7	17.55	22.85	0	265.47	41.77	0	151.22
12/11/2024 15:00	9.07	0	101.37	15.62	10.55	0	44.13	16.81	22.69	0	266.79	37.51	0	153.3
12/11/2024 15:05	8.64	0	100.45	15.68	10.08	0	37.48	17.5	23.2	0	268.11	41.2	0	153.17
12/11/2024 15:10	8.7	0	101.7	15.6	9.97	0	37.05	17.51	22.83	0	266.97	40.89	0	151.95
12/11/2024 15:15	8.73	0	102.06	15.61	10.89	0	46.21	16.69	22.96	0	268.3	36.43	0	151.66
12/11/2024 15:20	8.48	0	98.75	15.65	10.47	0	38.75	17.28	23.3	0	261.32	40.38	0	151.73
12/11/2024 15:25	8.57	0	101.51	15.61	10.55	0	39.86	17.21	22.52	0	266.64	39.69	0	150
12/11/2024 15:30	8.91	0	102.38	15.61	10.72	0	44.75	16.77	23.42	0	269.2	36.4	0	150.07
12/11/2024 15:35	8.61	0	99.27	15.68	10.58	0	39.51	17.25	23.14	0	263.1	40.37	0	150.68
12/11/2024 15:40	8.64	0	101.59	15.61	10.5	0	39.22	17.31	23.1	0	266.85	40.87	0	151.69
12/11/2024 15:45	8.79	0	101.5	15.61	11.05	0	47.26	16.58	23.12	0	268.91	35.92	0	151.5
12/11/2024 15:50	8.53	0	99.25	15.68	10.58	0	40.88	17.11	22.86	0	263.02	38.83	0	150.01
12/11/2024 15:55	8.37	0	101.86	15.6	10.36	0	40.47	17.16	21.98	0	267.34	38.54	0	150.57
12/11/2024 16:00	8.78	0	101.52	15.61	10.48	0	45.13	16.84	23.07	0	266.81	36.47	0	153.52
12/11/2024 16:05	8.48	0	98.33	15.75	9.72	0	32.72	17.72	23.47	0	264.73	44.27	0	153.52
12/11/2024 16:10	8.59	0	102.06	15.61	9.5	0	32	18	22.57	0	267.36	45.46	0	153.13
12/11/2024 16:15	9.13	0	102.06	15.61	10.12	0	42.66	17.11	24	0	268.22	37.98	0	154.68
12/11/2024 16:20	8.67	0	99.14	15.75	9.01	0	29.8	18.34	23.94	0	265.83	49.15	0	162.17
12/11/2024 16:25	8.42	0	102.53	15.61	8.81	0	28.22	18.5	22.12	0	269.17	51.07	0	163.54
12/11/2024 16:30	8.7	0	102.95	15.61	10.18	0	42.54	17.1	22.86	0	270.42	38.96	0	154.97
12/11/2024 16:35	8.7	0	99.39	15.67	9.58	0	34.56	17.82	22.2	0	264.35	43.22	0	155.95
12/11/2024 16:40	8.29	0	103.7	15.61	9.53	0	35.03	17.78	21.79	0	272.38	42.48	0	156.13
12/11/2024 16:45	8.57	0	103.5	15.61	10.01	0	45.86	16.91	22.53	0	272.28	35.57	0	158.73
12/11/2024 16:50	8.1	0	99.99	15.67	9.49	0	35.39	17.94	22.61	0	266.19	43.28	0	161.28
12/11/2024 16:55	8.21	0	103.61	15.61	9.3	0	33.92	18	21.59	0	272.34	44.61	0	162.77
12/11/2024 17:00	8.46	0	103.8	15.62	10.7	0	48.33	16.6	22.24	0	273.05	35.14	0	155.72
12/11/2024 17:05	8.2	0	101.24	15.69	10.23	0	40.15	17.3	22.09	0	268.64	39.47	0	154.92
12/11/2024 17:10	8.29	0	103.8	15.6	9	0	38.91	17.43	21.77	0	272.44	40.02	0	156.7
12/11/2024 17:15	8.71	0	103.64	15.61	10.54	0	48.54	16.54	22.3	0	272.51	35.16	0	154.91
12/11/2024 17:20	8.53	0	100.89	15.69	10.66	0	42.51	17.07	22.98	0	268.12	36.67	0	154.18
12/11/2024 17:25	8.26	0	103.6	15.6	10.39	0	41.75	17.18	21.67	0	271.65	38.85	0	156.12
12/11/2024 17:30	8.67	0	103.21	15.6	10.97	0	49.42	16.46	22.73	0	270.67	34.54	0	153.92
12/11/2024 17:35	8.47	0	101.17	15.68	10.35	0	43.35	16.35	22.6	0	268.14	34.54	0	153.25
12/11/2024 17:40	8.04	0	106.15	15.59	10.83	0	42.55	17.05	21.05					



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
13/11/2024 00:45	8.89	0	108.06	15.59	10.99	0	55.95	16.1	23.27	0	282.99	31.86	0	161.48
13/11/2024 00:50	8.75	0	105.48	15.6	11.13	0	53.02	16.23	22.99	0	276.64	33.13	0	157.89
13/11/2024 00:55	8.14	0	105.04	15.56	11.25	0	53.31	16.23	23.3	0	283.46	33.47	0	158.37
13/11/2024 01:00	8.83	0	109.09	15.57	10.88	0	55.31	16.09	23.01	0	284.41	31.53	0	159.85
13/11/2024 01:05	8.18	0	107.08	15.57	11.01	0	54.97	16.2	21.38	0	279.22	32.53	0	162.49
13/11/2024 01:10	7.51	0	111.08	15.53	10.92	0	54.98	16.17	19.42	0	287.3	32.11	0	161.65
13/11/2024 01:15	8.21	0	110.49	15.53	10.74	0	56.17	16.02	21.24	0	286.05	30.64	0	165.25
13/11/2024 01:20	8.25	0	107.35	15.54	11.23	0	55.54	16.04	21.41	0	278.42	32.66	0	160.27
13/11/2024 01:25	7.83	0	110.4	15.51	11.25	0	55.89	16.06	20.2	0	284.68	32.34	0	160.65
13/11/2024 01:30	8.48	0	110.7	15.52	10.88	0	59.95	15.88	21.93	0	286.26	30.19	0	165.63
13/11/2024 01:35	8.5	0	107.68	15.54	11.5	0	56.66	15.97	22.1	0	278.95	32.42	0	159.69
13/11/2024 01:40	7.82	0	109.53	15.52	11.58	0	57.03	15.98	20.57	0	282.19	32.51	0	160.15
13/11/2024 01:45	7.49	0	109.92	15.51	10.8	0	58.27	15.93	19.33	0	283.53	30.23	0	162.42
13/11/2024 01:50	7.73	0	107.26	15.51	11.51	0	55.82	16	19.98	0	276.75	32.02	0	158.22
13/11/2024 01:55	7.91	0	109.69	15.5	11.64	0	55.95	15.97	20.35	0	282.14	32.81	0	157.72
13/11/2024 02:00	7.94	0	109.78	15.51	10.89	0	57.85	15.95	20.47	0	282.98	30.62	0	162.04
13/11/2024 02:05	8.05	0	107.62	15.53	11.43	0	56.34	16.04	20.91	0	278.48	32.66	0	161
13/11/2024 02:10	8	0	110.43	15.5	11.53	0	56.84	16.02	20.6	0	284.36	32.86	0	161.97
13/11/2024 02:15	7.4	0	110.43	15.5	10.7	0	58.85	15.94	19.06	0	284.31	30.04	0	164.44
13/11/2024 02:20	7.57	0	107.51	15.52	11.46	0	55.77	16.05	19.58	0	277.49	32.87	0	159.9
13/11/2024 02:25	7.61	0	110.84	15.5	11.61	0	56	16.03	19.69	0	285.23	33.15	0	159.93
13/11/2024 02:30	8.25	0	110.86	15.51	10.57	0	58.85	16	21.27	0	281.75	30.04	0	166.58
13/11/2024 02:35	8.05	0	109	15.52	11.18	0	55.89	16.15	20.88	0	281.35	32.68	0	163.38
13/11/2024 02:40	7.92	0	112.03	15.5	11.36	0	56.2	16.13	20.38	0	288.12	33.1	0	163.77
13/11/2024 02:45	8.73	0	112.01	15.51	10.79	0	58.51	15.99	22.53	0	288.91	30.62	0	165.35
13/11/2024 02:50	8.45	0	109.54	15.52	11.15	0	56.94	16.04	21.9	0	282.48	32.61	0	162.47
13/11/2024 02:55	7.75	0	111.16	15.5	11.2	0	57.88	15.98	19.96	0	286.06	31.67	0	163.6
13/11/2024 03:00	7.98	0	111.34	15.51	10.69	0	60.27	15.95	20.57	0	286.91	30.09	0	169.03
13/11/2024 03:05	8.04	0	109	15.52	11.37	0	57.73	15.99	20.82	0	281.25	32.2	0	163.49
13/11/2024 03:10	7.82	0	110.9	15.49	11.52	0	57.75	15.96	20.75	0	285.05	32.38	0	162.38
13/11/2024 03:15	8.22	0	110.53	15.51	10.93	0	59.35	15.97	21.19	0	284.83	30.88	0	167.35
13/11/2024 03:20	8.06	0	108.11	15.53	11.24	0	57.12	16.09	20.92	0	279.53	32.44	0	164.9
13/11/2024 03:25	7.89	0	110.69	15.49	11.38	0	57.75	16.07	20.28	0	284.57	32.75	0	166.26
13/11/2024 03:30	8.46	0	111.38	15.51	10.86	0	58.83	16.02	21.81	0	287.1	31.01	0	167.09
13/11/2024 03:35	8.24	0	108.13	15.52	11.23	0	58.43	16.01	21.9	0	279.11	32.61	0	160.16
13/11/2024 03:40	7.81	0	110.71	15.49	11.44	0	55.22	16.06	20.07	0	284.42	32.83	0	158.51
13/11/2024 03:45	8.71	0	110.98	15.5	10.69	0	59.91	16.04	22.43	0	285.67	30.63	0	171.11
13/11/2024 03:50	8.38	0	108.34	15.53	11.1	0	56.14	16.15	21.75	0	279.78	32.49	0	164.29
13/11/2024 03:55	7.73	0	110.73	15.49	11.33	0	55.86	16.06	20.81	0	284.8	33.01	0	162.77
13/11/2024 04:00	8.42	0	110.03	15.49	10.82	0	59.56	16.04	21.66	0	282.91	30.43	0	169.75
13/11/2024 04:05	8.21	0	108.4	15.51	11.06	0	56.75	16.13	21.24	0	279.3	32.25	0	165.52
13/11/2024 04:10	7.93	0	111.12	15.49	11.06	0	57.52	16.08	20.38	0	285.49	31.93	0	166.02
13/11/2024 04:15	7.7	0	111.45	15.49	10.58	0	59.18	16.06	19.8	0	286.56	30.47	0	169.59
13/11/2024 04:20	7.88	0	109.93	15.51	11.07	0	56.25	16.07	20.35	0	282.45	32.45	0	164.29
13/11/2024 04:25	8.02	0	110.97	15.49	11.17	0	56.58	16.12	20.6	0	285.09	32.51	0	164.64
13/11/2024 04:30	8.15	0	110.69	15.5	10.73	0	59.92	16	20.97	0	284.76	30.5	0	169.59
13/11/2024 04:35	8.15	0	109.48	15.51	11.28	0	55.84	16.11	21.07	0	282.23	32.72	0	161.96
13/11/2024 04:40	7.18	0	110.64	15.49	11.33	0	56.33	16.09	20.14	0	284.36	32.71	0	161.61
13/11/2024 04:45	8.23	0	111.39	15.5	10.56	0	60.35	16.05	20.65	0	286.66	30.34	0	172.08
13/11/2024 04:50	8.21	0	109.55	15.52	10.97	0	56.65	16.15	21.27	0	282.62	32.14	0	165.91
13/11/2024 04:55	7.72	0	112.1	15.49	10.94	0	56.61	16.11	19.82	0	287.89	31.76	0	164.36
13/11/2024 05:00	8.13	0	112.28	15.49	10.63	0	58.36	16.07	20.89	0	288.69	30.65	0	167.33
13/11/2024 05:05	8.06	0	109.81	15.52	11.03	0	55.18	16.1	20.91	0	283.12	32.45	0	163.38
13/11/2024 05:10	8.04	0	111.19	15.49	11.03	0	56.45	16.14	20.65	0	285.59	32.22	0	164.87
13/11/2024 05:15	8.39	0	110.89	15.5	10.79	0	58.18	16.05	21.59	0	285.44	30.96	0	166.04
13/11/2024 05:20	8.45	0	108.13	15.52	11.4	0	54.12	16.15	21.86	0	278.72	33.36	0	158.4
13/11/2024 05:25	8.33	0	109.27	15.48	11.58	0	53.88	16.11	21.88	0	280.48	33.62	0	156.87
13/11/2024 05:30	8.35	0	109.78	15.5	10.88	0	57.3	16.06	21.48	0	282.35	31.3	0	164.03
13/11/2024 05:35	8.22	0	109.08	15.51	11.28	0	55.05	16.16	21.26	0	281.22	33.07	0	161.43
13/11/2024 05:40	8.11	0	110.81	15.49	11.28	0	55.41	16.13	20.82	0	284.55	32.89	0	161.55
13/11/2024 05:45	8.04	0	110.9	15.5	10.81	0	58.13	16.03	20.67	0	285.22	30.91	0	165.26
13/11/2024 05:50	8.07	0	108.15	15.51	11.45	0	54.45	16.03	20.63	0	283.9	33.09	0	159.03
13/11/2024 05:55	8.2	0	108.42	15.48	11.48	0	54.86	16.06	21.03	0	278.07	32.97	0	157.48
13/11/2024 06:00	8.65	0	109.26	15.49	11	0	57.12	16.05	22.21	0	280.75	31.64	0	167.35
13/11/2024 06:05	8.43	0	106.54	15.5	11.49	0	53.97	16.14	21.71	0	274.1	33.58	0	157.76
13/11/2024 06:10	8.21	0	108.71	15.49	11.64	0	54.47	16.1	21.06	0	278.83	33.72	0	157.78
13/11/2024 06:15	8.55	0	108.71	15.5	11.24	0	56.94	15.99	22.29	0	279.04	31.86	0	160.72
13/11/2024 06:20	8.67	0	105.03	15.5	11.6	0	53.9	16.06	22.36	0	270.45	33.33	0	154.91
13/11/2024 06:25	8.45	0	106.4	15.48	11.53	0	54.41	16.03	21.69	0	272.88	32.93	0	155.38
13/11/2024 06:30	8.98	0	107.19	15.49	11.17	0	56.96	15.97	23.07	0	275.44	31.54	0	160.21
13/11/2024 06:35	8.71	0	104.6	15.5	11.66	0	53.9	16.06	22.43	0	268.97	32.45	0	154.38
13/11/2024 06:40	8.4	0	106.42	15.48	11.78	0	53.67	16.01	21.54	0	272.74	33.51	0	152.64
13/11/2024 06:45	9.03	0	106.58	15.49	11.31	0	55.73	16.01	23.19	0	273.84	32.22	0	157.99
13/11/2024 06:50	8.81	0	104.5	15.51	11.85	0	53.38	16.12	22.79	0	269.18	34.49	0	155.39
13/11/2024 06:55	8.32	0	106.95	15.48	12.2	0	53.72	16.1	21.34	0	274.34	35.35	0	155.61
13/11/2024 07:00	8.6	0	107.74	15.49	11.17	0	56.41	16.11	22.09	0	276.69	31.71	0	159.38
13/11/2024 07:05	8.72	0	105.16	15.51	11.67	0	53.69	16.1	22.58	0	270.97	33.79	0	155.49
13/11/2024 07:10	8.19	0	107.72	15.48	11.86	0	53.83	16.07	21.01	0	276.39	34.15	0	155.02
13/11/2024 07:15	8.51	0	107.86	15.49	10.96	0	56.71	16.03	21.85	0	277.15	31.96	0	161.41
13/11/2024 07:20	8.33	0	106.82	15.51	11.51	0	54.35	16.12	22.3	0	272.1	33.72	0	157.17
13/11/2024 07:25	8.24	0	107.83	15.										



Site DCAP Period: 01/11/2024 00:00-30/11/2024 23:59 Type: AVG														
Date & Time	Stack1_N0x	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_N0x	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_N0x@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_N0x@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
13/11/2024 14:30	8.71	0	102.37	15.56	10.27	0	42.85	16.94	22.69	0	266.59	36.5	0	150.43
13/11/2024 14:35	8.46	0	98.6	15.63	10.13	0	39.26	17.3	22.53	0	260.56	39.12	0	151.62
13/11/2024 14:40	8.1	0	101.77	15.56	10.11	0	38.94	17.32	21.64	0	264.73	39.25	0	151.2
13/11/2024 14:45	8.61	0	101.33	15.57	10.13	0	47.21	16.68	22.45	0	264.05	35.05	0	154.46
13/11/2024 14:50	8.49	0	98.59	15.62	10.57	0	41.92	17.11	22.52	0	258.55	38.79	0	153.85
13/11/2024 14:55	8.56	0	100.3	15.56	10.66	0	42.55	17.03	22.27	0	261.02	38.32	0	152.99
13/11/2024 15:00	9.05	0	100.32	15.57	10.4	0	45.76	16.75	23.58	0	261.49	35.26	0	152.32
13/11/2024 15:05	8.69	0	98.44	15.64	9.98	0	38.38	17.41	22.37	0	252.14	39.52	0	154.08
13/11/2024 15:10	8.4	0	103.07	15.56	9.8	0	37.95	17.45	21.86	0	268.18	39.53	0	153.12
13/11/2024 15:15	8.82	0	102.95	15.57	10.34	0	44.47	16.86	22.3	0	268.43	35.99	0	152.19
13/11/2024 15:20	8.56	0	99.2	15.67	10.1	0	38.73	17.36	22.95	0	262.35	39.7	0	152.2
13/11/2024 15:25	8.15	0	101.05	15.56	10.1	0	38.89	17.35	22.43	0	259.32	39.14	0	152.92
13/11/2024 15:30	8.7	0	101.08	15.56	10.25	0	45.99	16.81	22.65	0	263.22	35.32	0	155.15
13/11/2024 15:35	8.4	0	98.65	15.64	10.15	0	38.98	17.37	22.45	0	259.29	39.97	0	153.45
13/11/2024 15:40	8.43	0	102.04	15.56	10.11	0	38.55	17.42	21.96	0	265.64	40.36	0	153.91
13/11/2024 15:45	8.86	0	101.96	15.56	10.13	0	44.17	16.96	23.07	0	265.53	36.2	0	154.8
13/11/2024 15:50	8.49	0	99.44	15.61	9.7	0	37.64	17.56	22.43	0	251.96	40.33	0	156.7
13/11/2024 15:55	8.39	0	102.48	15.56	9.77	0	37.16	17.59	21.82	0	266.63	41.06	0	156.21
13/11/2024 16:00	8.98	0	103.09	15.56	10.21	0	46.31	16.81	23.4	0	268.54	35.2	0	156.09
13/11/2024 16:05	8.55	0	100.11	15.6	9.83	0	38.39	17.49	22.49	0	262.85	40.08	0	156.47
13/11/2024 16:10	8.22	0	102.76	15.55	9.77	0	37.94	17.55	21.97	0	267.05	40.56	0	157.56
13/11/2024 16:15	8.48	0	103.37	15.56	9.93	0	45.5	17.01	22.09	0	268.11	36.27	0	158.93
13/11/2024 16:20	8.24	0	100.21	15.68	9.46	0	35.48	17.75	22.3	0	265.22	41.83	0	156.77
13/11/2024 16:25	8.35	0	102.55	15.55	9.75	0	35.67	17.74	21.7	0	266.36	42.87	0	156.86
13/11/2024 16:30	8.5	0	102.46	15.56	9.5	0	41.8	17.27	22.12	0	266.68	37.17	0	158.53
13/11/2024 16:35	8.17	0	99.35	15.62	8.84	0	30.84	17.63	21.64	0	251.74	40.37	0	158.93
13/11/2024 16:40	8.27	0	102.03	15.55	8.27	0	29.86	18.37	21.48	0	265.05	45.36	0	163.87
13/11/2024 16:45	8.8	0	101.54	15.56	10	0	42.89	17.06	22.91	0	264.34	37.07	0	154.57
13/11/2024 16:50	8.76	0	99.63	15.56	12.87	0	53.88	15.68	22.8	0	259.12	34.25	0	143.39
13/11/2024 16:55	8.25	0	102.58	15.55	13	0	53.36	15.66	21.43	0	266.37	34.5	0	143.27
13/11/2024 17:00	8.41	0	104.07	15.56	9.49	0	41.58	17.28	21.87	0	270.69	38.14	0	157.44
13/11/2024 17:05	7.96	0	100.29	15.72	8.28	0	22.18	18.85	22.23	0	266.67	56.19	0	150.28
13/11/2024 17:10	8.15	0	102.84	15.54	7.92	0	21.09	18.96	21.15	0	266.83	56.65	0	150.84
13/11/2024 17:15	9.05	0	103.51	15.55	9.35	0	32.25	17.85	23.5	0	268.69	45.9	0	144.02
13/11/2024 17:20	8.27	0	100.12	15.77	7.16	0	17.16	18.33	21.43	0	259.32	40.33	0	156.7
13/11/2024 17:25	7.97	0	105.36	15.54	6.84	0	11.66	20.08	20.68	0	273.22	116.63	0	198.65
13/11/2024 17:30	8.47	0	106.13	15.55	9.6	0	33.11	17.75	21.99	0	275.58	50.82	0	152.65
13/11/2024 17:35	8.14	0	102	15.69	8.23	0	27.19	18.59	22.25	0	270.04	49.61	0	163.77
13/11/2024 17:40	8.12	0	103.46	15.54	8.19	0	30.42	18.19	21.68	0	268.1	49.48	0	158.1
13/11/2024 17:45	8.9	0	103.12	15.54	10.16	0	43.44	16.85	23.07	0	267.37	36.72	0	151.79
13/11/2024 17:50	8.54	0	100.88	15.64	9.24	0	32.8	17.93	22.89	0	265.67	43.23	0	153.28
13/11/2024 17:55	8.19	0	103.81	15.54	8.98	0	31.66	18.05	21.23	0	268.96	43.75	0	154.14
13/11/2024 18:00	8.67	0	104.21	15.54	10.72	0	46.68	16.63	22.51	0	270.37	35.46	0	151.08
13/11/2024 18:05	8.1	0	101.26	15.61	10.13	0	38.25	17.34	22.58	0	265.88	39.55	0	149.2
13/11/2024 18:10	8.04	0	103.68	15.53	9.75	0	36.86	17.49	20.82	0	268.39	39.71	0	150.14
13/11/2024 18:15	8.18	0	103.5	15.54	10.45	0	45.84	16.71	21.22	0	268.5	35.19	0	151.13
13/11/2024 18:20	8.1	0	100.91	15.62	10.06	0	37.89	17.42	21.58	0	264.16	40.17	0	151.19
13/11/2024 18:25	8.26	0	103.94	15.53	9.97	0	33.94	16.58	21.37	0	268.91	41.17	0	151.07
13/11/2024 18:30	8.43	0	104.59	15.54	10.52	0	47.31	16.63	21.85	0	271.18	34.7	0	152.93
13/11/2024 18:35	8.14	0	101.57	15.64	9.93	0	38.81	17.36	21.75	0	267.24	38.93	0	152.24
13/11/2024 18:40	8.15	0	105.23	15.53	9.66	0	37.95	17.44	21.09	0	272.25	38.76	0	152.36
13/11/2024 18:45	8.52	0	104.96	15.54	10.39	0	45.48	16.73	22.07	0	272.06	35.05	0	151.17
13/11/2024 18:50	8.31	0	105.23	15.59	10.18	0	40.18	17.27	21.89	0	268.89	38.59	0	154.9
13/11/2024 18:55	8.1	0	105.07	15.53	10	0	40.3	17.27	20.97	0	271.86	38.25	0	154.12
13/11/2024 19:00	8.52	0	104.94	15.53	10.46	0	46.96	16.67	22.08	0	271.8	34.71	0	153.59
13/11/2024 19:05	8.34	0	101.62	15.63	10.31	0	40.68	17.23	22.26	0	266.91	39.02	0	153.97
13/11/2024 19:10	8.1	0	104.63	15.53	10.36	0	40.5	17.25	22.3	0	270.53	39.53	0	154.53
13/11/2024 19:15	8.37	0	104.73	15.53	10.69	0	47.63	16.53	21.68	0	271.52	34.35	0	151.57
13/11/2024 19:20	8.12	0	103.81	15.58	10.25	0	43.04	17	21.37	0	270.97	36.57	0	153.52
13/11/2024 19:25	8.14	0	106.31	15.52	10.16	0	43.42	16.99	21.02	0	274.64	36.1	0	154.33
13/11/2024 19:30	8.58	0	106.14	15.53	10.35	0	47.59	16.65	22.2	0	274.72	34.21	0	154.58
13/11/2024 19:35	8.12	0	105.25	15.6	10.21	0	41.23	17.15	21.63	0	269.47	37.8	0	153.9
13/11/2024 19:40	8.04	0	106	15.52	10.08	0	41.08	17.18	20.77	0	273.77	37.61	0	153.28
13/11/2024 19:45	8.12	0	106.86	15.53	10.27	0	45.36	16.79	21.01	0	276.43	34.92	0	153.38
13/11/2024 19:50	7.85	0	103.23	15.64	9.89	0	40.77	17.31	21.12	0	271.88	38.26	0	157.74
13/11/2024 19:55	7.76	0	106.67	15.53	10.36	0	48.64	16.52	20.86	0	275.16	37.89	0	156.81
13/11/2024 20:00	8.12	0	106.66	15.52	10.04	0	48.45	16.76	21.16	0	275.81	34.25	0	161.32
13/11/2024 20:05	7.81	0	105.42	15.59	9.66	0	39.52	17.44	20.65	0	276.13	38.85	0	158.93
13/11/2024 20:10	7.81	0	106.77	15.51	9.53	0	39.34	17.47	20.14	0	275.39	38.58	0	159.24
13/11/2024 20:15	8.06	0	106.15	15.52	9.95	0	46.56	16.85	20.81	0	274.02	34.59	0	158.52
13/11/2024 20:20	7.76	0	103.47	15.6	9.43	0	37.31	17.63	20.7	0	275.21	40.54	0	159.2
13/11/2024 20:25	7.78	0	106.5	15.52	9.3	0	35.92	17.74	20.09	0	274.89	40.84	0	157.81
13/11/2024 20:30	8.29	0	106.94	15.53	10.17	0	48.16	16.72	21.44	0	276.56	34.36	0	159.04
13/11/2024 20:35	7.94	0	105.89	15.57	9.98	0	41.32	17.24	20.85	0	276.53	37.89	0	156.8
13/11/2024 20:40	7.66	0	106.3	15.52	10	0	40.63	16.98	19.77	0	274.47	37.25	0	156.81
13/11/2024 20:45	8.32	0	106.09	15.52	10.64	0	50.89	16.41	21.49	0	274.11	37.19	0	156.49
13/11/2024 20:50	8.18	0	103.51	15.56	10.99	0	46.3	16.64	21.43	0	268.79	35.83	0	150.95
13/11/2024 20:55	7.65	0	106.28	15.51	11.16	0	46.39	16.63	19.75	0	274.22	36.35	0	151.17
13/11/2024 21:00	8.09	0	107.14	15.52	10.91	0	53.66	16.16	20.9	0	276.73	32.15	0	156.82
13/11/2024 21:05	7.71	0	103.14	15.53	10.31	0	40.48	15.53	20.01	0	275.44	34.65</		



Site bCAP Period: 01/11/2024 00:00-30/11/2024 23:59 Type: AVG																
Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%		
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
14/11/2024 04:15	8.29	0	107.1	15.48	11.39	0	56.26	15.86	21.24	0	274.55	31.47	0	154.93		
14/11/2024 04:20	8.36	0	105.19	15.49	11.75	0	54.48	15.94	21.52	0	270.02	32.92	0	152.6		
14/11/2024 04:25	8.1	0	107.138	15.47	11.73	0	54.61	15.91	21.43	0	269.91	32.7	0	152.19		
14/11/2024 04:30	7.37	0	105.46	15.47	11.46	0	56.53	15.83	18.87	0	269.91	31.47	0	154.67		
14/11/2024 04:35	7.69	0	105.08	15.48	12.11	0	55.18	15.89	19.76	0	269.21	33.58	0	152.98		
14/11/2024 04:40	7.74	0	108.84	15.46	12.2	0	55.66	15.86	19.78	0	278.23	33.63	0	153.38		
14/11/2024 04:45	8.73	0	109.9	15.48	11.32	0	58.85	15.84	22.39	0	281.83	31.09	0	161.32		
14/11/2024 04:50	8.53	0	107.58	15.49	11.61	0	57.04	15.92	21.89	0	281.83	32.54	0	157.73		
14/11/2024 04:55	8.16	0	109.73	15.46	11.58	0	56.73	15.87	20.87	0	280.6	32	0	156.79		
14/11/2024 05:00	8.32	0	109.7	15.47	11.16	0	58.43	15.84	21.3	0	280.78	30.7	0	160.14		
14/11/2024 05:05	8.47	0	107.19	15.49	11.72	0	56.68	15.92	21.8	0	274.9	32.74	0	158.3		
14/11/2024 05:10	7.97	0	108.73	15.46	11.69	0	57.58	15.89	21.76	0	277.76	32.45	0	159.58		
14/11/2024 05:15	8.71	0	109.42	15.47	10.91	0	57.28	16.05	22.31	0	280.2	31.36	0	163.74		
14/11/2024 05:20	8.49	0	106.65	15.5	11.45	0	53.62	16.2	21.91	0	273.82	33.87	0	158.52		
14/11/2024 05:25	7.81	0	109.89	15.46	11.63	0	54	16.18	19.96	0	280.77	34.26	0	159.12		
14/11/2024 05:30	8.01	0	112.04	15.46	10.68	0	58.75	16.05	20.49	0	286.53	30.72	0	167.97		
14/11/2024 05:35	8	0	107.58	15.48	11.14	0	54.55	16.19	20.57	0	282.14	32.97	0	160.92		
14/11/2024 05:40	8.03	0	109.42	15.46	11.36	0	54.72	16.14	20.52	0	279.66	33.15	0	159.7		
14/11/2024 05:45	8.58	0	110.54	15.47	10.85	0	54.46	16.15	21.99	0	283.15	31.83	0	159.09		
14/11/2024 05:50	8.6	0	107.56	15.51	11.36	0	53.1	16.23	22.23	0	276.59	33.79	0	157.96		
14/11/2024 05:55	7.86	0	108.33	15.46	11.45	0	53.17	16.2	20.7	0	276.7	33.89	0	157.36		
14/11/2024 06:00	8.26	0	107.6	15.47	10.84	0	54.76	16.18	21.14	0	275.24	32.01	0	160.36		
14/11/2024 06:05	8.22	0	106.92	15.49	11.18	0	51.54	16.32	21.18	0	274.55	33.92	0	156.28		
14/11/2024 06:10	7.97	0	108.78	15.46	11.33	0	51.06	16.31	20.35	0	277.84	34.3	0	154.61		
14/11/2024 06:15	8.87	0	108.71	15.48	11.14	0	55.85	16.07	22.72	0	281.14	32.12	0	160.05		
14/11/2024 06:20	8.73	0	107.1	15.49	11.82	0	53	16.12	274.86	0	274.86	33.67	0	154.42		
14/11/2024 06:25	8.19	0	108.73	15.46	11.82	0	53.53	16.07	20.93	0	277.81	33.67	0	154.01		
14/11/2024 06:30	8.11	0	110.05	15.46	11.08	0	57.26	15.99	20.74	0	281.38	31.43	0	162.17		
14/11/2024 06:35	7.96	0	108.32	15.48	11.4	0	54.06	16.05	20.51	0	277.53	32.67	0	154.97		
14/11/2024 06:40	7.08	0	111.61	15.46	11.28	0	53.88	16.03	18.45	0	284.45	32.21	0	153.81		
14/11/2024 06:45	7.57	0	111.12	15.45	10.05	0	62.4	15.81	19.33	0	283.64	27.51	0	170		
14/11/2024 06:50	7.34	0	109.47	15.46	10.47	0	62.05	15.82	18.8	0	279.63	28.64	0	169.73		
14/11/2024 06:55	6.93	0	111.73	15.46	10.63	0	62.22	15.78	17.7	0	285.3	28.87	0	169.06		
14/11/2024 07:00	7.42	0	111.6	15.47	9.93	0	64.14	15.83	19	0	285.63	27.24	0	175.52		
14/11/2024 07:05	7.31	0	109.66	15.48	10.32	0	62.32	15.87	18.27	0	281.07	28.69	0	171.72		
14/11/2024 07:10	6.86	0	112.58	15.49	10.22	0	62.52	15.86	17.62	0	289.2	28.2	0	172.5		
14/11/2024 07:15	6.7	0	113.79	15.5	9.59	0	61.46	16.02	17.26	0	292.83	27.41	0	174.91		
14/11/2024 07:20	7	0	111.48	15.52	10.32	0	56.58	16.21	18.17	0	288.03	30.62	0	167.83		
14/11/2024 07:25	7.14	0	110.69	15.51	10.47	0	56.38	16.17	18.37	0	285.36	30.73	0	165.73		
14/11/2024 07:30	8.1	0	110.27	15.52	10.49	0	54.68	16.26	20.93	0	294.84	31.74	0	163.8		
14/11/2024 07:35	8.12	0	107.6	15.57	10.9	0	50.41	16.55	21.31	0	279.88	34.86	0	161.14		
14/11/2024 07:40	7.79	0	110.03	15.51	10.89	0	50.59	16.54	20.11	0	283.87	34.71	0	161.26		
14/11/2024 07:45	8.28	0	108.53	15.52	10.49	0	53.37	16.39	21.39	0	283.1	32.52	0	163.78		
14/11/2024 07:50	8.15	0	107.8	15.56	10.87	0	48.87	16.65	20.0	0	280.0	35.07	0	160.0		
14/11/2024 07:55	8.08	0	109.23	15.52	10.78	0	48.86	16.66	20.86	0	281.97	35.31	0	160.03		
14/11/2024 08:00	8.16	0	108.79	15.52	10.73	0	50.33	16.55	21.08	0	281.14	33.76	0	159.94		
14/11/2024 08:05	8.23	0	108.92	15.58	10.72	0	45.66	16.83	21.64	0	275.75	33.68	0	155.81		
14/11/2024 08:10	7.95	0	108.65	15.51	10.86	0	45.97	16.78	20.52	0	280.10	36.66	0	158.19		
14/11/2024 08:15	8.66	0	108.79	15.52	10.4	0	44.48	16.68	21.38	0	281.09	35.48	0	157.78		
14/11/2024 08:20	8.57	0	104.98	15.58	10.55	0	49.17	17.09	22.57	0	273.31	38.5	0	153		
14/11/2024 08:25	8.29	0	104.66	15.51	10.69	0	41.98	17.06	21.39	0	269.91	38.66	0	151.89		
14/11/2024 08:30	9.11	0	103.82	15.52	10.75	0	45.19	16.77	23.55	0	268.4	36.45	0	151.61		
14/11/2024 08:35	8.99	0	103.96	15.58	10.99	0	40.75	17.07	23.5	0	263.75	39.67	0	147.1		
14/11/2024 08:40	8.32	0	103.29	15.5	11.52	0	42.08	16.93	21.43	0	265.87	40.32	0	147.31		
14/11/2024 08:45	8.39	0	103.26	15.51	10.7	0	45.43	16.74	21.63	0	266.32	36.04	0	150.69		
14/11/2024 08:50	8.54	0	108.83	15.57	10.88	0	41.89	16.95	22.42	0	261.95	38.31	0	147.58		
14/11/2024 08:55	8.54	0	103.22	15.51	10.05	0	41.98	16.95	22.42	0	266.52	38.54	0	146.47		
14/11/2024 09:00	9.82	0	103.1	15.52	11.01	0	46.02	16.57	25.39	0	266.53	35.53	0	146.65		
14/11/2024 09:05	9.14	0	100.85	15.56	11.32	0	44.4	16.66	23.93	0	261.93	37.12	0	145.54		
14/11/2024 09:10	8.09	0	104.69	15.5	11.66	0	45.56	16.57	20.83	0	269.54	37.38	0	146.12		
14/11/2024 09:15	7.64	0	104.54	15.5	11.08	0	48.16	16.37	19.68	0	269.34	34.08	0	147.39		
14/11/2024 09:20	7.7	0	102.32	15.52	11.32	0	47.38	16.41	20.42	0	264.29	36.07	0	146.09		
14/11/2024 09:25	8.23	0	104.59	15.5	11.94	0	47.75	16.33	21.19	0	269.36	36.27	0	145.08		
14/11/2024 09:30	8.36	0	103.88	15.51	11.13	0	50.29	16.25	21.57	0	267.94	33.4	0	148.61		
14/11/2024 09:35	8.3	0	101.57	15.54	12.06	0	47.45	16.26	21.58	0	262.63	36.18	0	142.31		
14/11/2024 09:40	8.13	0	103.8	15.5	12.14	0	47.83	16.25	20.25	0	267.25	36.27	0	142.42		
14/11/2024 09:45	9.09	0	104.31	15.52	11.93	0	52.55	15.93	23.47	0	269.42	33.41	0	146.5		
14/11/2024 09:50	8.97	0	101.25	15.53	12.38	0	50.14	15.93	23.26	0	261.84	34.82	0	140.13		
14/11/2024 09:55	8.16	0	103.3	15.5	12.33	0	50.5	15.88	20.98	0	265.77	34.12	0	139.78		
14/11/2024 10:00	7.75	0	102.63	15.5	11.29	0	49.73	16.24	19.94	0	264.03	33.75	0	147.76		
14/11/2024 10:05	7.84	0	100.41	15.84	11.43	0	45.07	16.48	20.91	0	265.11	36.51	0	140.7		
14/11/2024 10:10	7.91	0	103.75	15.49	11.53	0	44.97	16.48	20.33	0	266.67	36.22	0	141.26		
14/11/2024 10:15	8.16	0	103.38	15.5	11.13	0	49.16	16.27	21	0	265.95	33.56	0	146.83		
14/11/2024 10:20	8.21	0	101.64	15.53	11.74	0	46.66	16.4	21.33	0	262.23	36.26	0	144.06		
14/11/2024 10:25	7.98	0	104.9	15.49	11.95	0	46.81	16.35	20.51	0	269.43	36.55	0	143.16		
14/11/2024 10:30	8.74	0	105.75	15.5	10.15	0										



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
14/11/2024 18:00	8	0	106.77	15.5	10.89	0	50.12	16.29	20.59	0	274.72	33.06	0	150.38
14/11/2024 18:05	8.13	0	103.74	15.53	11.39	0	45.68	16.56	21.11	0	268.31	36.53	0	146.48
14/11/2024 18:10	8.11	0	106.58	15.49	11.42	0	46.56	16.46	21.56	0	273.71	36.45	0	148.52
14/11/2024 18:15	8.93	0	106.98	15.5	11.06	0	52.44	16.24	22.97	0	275.28	33.18	0	155.14
14/11/2024 18:20	8.59	0	108.44	15.52	10.68	0	42.14	16.99	22.34	0	280.69	38.02	0	149.89
14/11/2024 18:25	8.52	0	122.11	15.43	10.64	0	40.69	17.13	21.63	0	310.2	39.18	0	149.82
14/11/2024 18:30	9.25	0	120.74	15.45	11.21	0	51.76	16.23	23.57	0	307.77	33.6	0	153.35
14/11/2024 18:35	9.15	0	118.53	15.45	11.73	0	49.43	16.23	23.39	0	315.43	35.49	0	149.69
14/11/2024 18:40	8.55	0	123.45	15.44	12.17	0	49.88	16.24	21.77	0	314.12	36.29	0	148.69
14/11/2024 18:45	9.74	0	125.39	15.46	11.73	0	56.09	15.94	24.89	0	320.26	32.95	0	156.39
14/11/2024 18:50	9.55	0	120.35	15.48	12.34	0	52.2	16.05	24.54	0	308.14	35.37	0	148.6
14/11/2024 18:55	8.34	0	118.34	15.46	12.56	0	51.95	15.96	23.95	0	316.34	36.33	0	148.33
14/11/2024 19:00	8.63	0	121.17	15.47	11.61	0	54.87	15.95	22.07	0	309.91	32.67	0	153.55
14/11/2024 19:05	8.52	0	118.06	15.47	12.06	0	50.93	16.15	21.85	0	302.49	35.28	0	148.98
14/11/2024 19:10	8.2	0	121.48	15.46	11.86	0	51.44	16.15	20.95	0	310.39	33.74	0	150.67
14/11/2024 19:15	8.73	0	123.83	15.46	11.45	0	53.83	16.07	22.32	0	316.44	33.04	0	154.22
14/11/2024 19:20	8.69	0	121.67	15.5	11.44	0	48.38	16.41	22.46	0	310.26	35.41	0	149.69
14/11/2024 19:25	8.3	0	123.7	15.45	11.47	0	47.92	16.45	21.17	0	315.66	35.85	0	149.79
14/11/2024 19:30	8.54	0	122.1	15.46	11.35	0	51.7	16.14	21.85	0	312.26	33.28	0	150.77
14/11/2024 19:35	8.59	0	121.4	15.49	11.41	0	47.93	16.4	22.13	0	311.81	35.23	0	148.04
14/11/2024 19:40	8.43	0	123.45	15.44	11.33	0	47.69	16.42	21.47	0	314.51	35.15	0	147.97
14/11/2024 19:45	9.28	0	128.87	15.46	11.5	0	56.15	16.06	23.63	0	329.1	33.12	0	154.68
14/11/2024 19:50	9.12	0	122.83	15.49	12.09	0	50.49	16.17	23.53	0	315.1	35.53	0	148.35
14/11/2024 19:55	8.14	0	123.1	15.45	12.16	0	50.52	16.14	20.78	0	314.06	35.47	0	147.39
14/11/2024 20:00	8.86	0	125.58	15.46	11.37	0	54.22	16.12	22.64	0	320.78	33.2	0	156.71
14/11/2024 20:05	8.3	0	123.45	15.48	11.73	0	49.38	16.27	21.55	0	316.34	36.36	0	148.33
14/11/2024 20:10	8.06	0	127.24	15.44	11.89	0	49.39	16.23	20.5	0	337.1	35.41	0	147.1
14/11/2024 20:15	8.31	0	132.52	15.44	11.36	0	55.11	16.07	21.15	0	337.1	32.81	0	157.36
14/11/2024 20:20	8.38	0	126.92	15.47	11.98	0	49.92	16.2	21.55	0	324.28	35.44	0	147.62
14/11/2024 20:25	7.99	0	126.31	15.44	12.08	0	50.52	16.15	20.34	0	321.46	35.43	0	147.37
14/11/2024 20:30	8.39	0	126.82	15.44	11.43	0	53.26	16.15	21.36	0	322.9	33.58	0	155.06
14/11/2024 20:35	8.38	0	124.14	15.48	11.64	0	49.45	16.33	21.63	0	317.74	35.41	0	150.42
14/11/2024 20:40	8.03	0	126.22	15.43	11.7	0	49.7	16.3	20.41	0	320.87	35.38	0	150.24
14/11/2024 20:45	8.21	0	128.81	15.44	11.42	0	50.88	16.18	20.88	0	327.68	33.73	0	149.76
14/11/2024 20:50	8.39	0	124.04	15.47	11.78	0	48.38	16.33	21.55	0	316.34	35.97	0	148.33
14/11/2024 20:55	7.93	0	123.52	15.44	11.89	0	48.56	16.34	20.21	0	314.69	36.25	0	148.05
14/11/2024 21:00	8.71	0	124.77	15.46	11.36	0	51.21	16.19	22.27	0	318.94	33.64	0	150.95
14/11/2024 21:05	8.68	0	120.52	15.49	11.62	0	49.47	16.29	22.11	0	308.9	35.05	0	149.27
14/11/2024 21:10	8.14	0	121.72	15.45	11.58	0	49.73	16.19	21.58	0	310.29	34.63	0	148.62
14/11/2024 21:15	8.59	0	123.7	15.46	11.25	0	53.07	16.23	22.19	0	315.78	33.39	0	155.9
14/11/2024 21:20	8.53	0	118.29	15.5	11.69	0	49.1	16.32	21.99	0	303.49	35.51	0	149.19
14/11/2024 21:25	8.13	0	119.42	15.46	11.75	0	49.53	16.29	20.75	0	304.85	35.46	0	149.47
14/11/2024 21:30	8.46	0	116.91	15.46	11.32	0	52.78	16.15	21.62	0	298.78	33.24	0	153.72
14/11/2024 21:35	8.1	0	119.27	15.46	11.86	0	50.86	16.28	20.57	0	316.34	35.98	0	148.33
14/11/2024 21:40	8.1	0	118.05	15.45	12.06	0	51.27	16.11	20.67	0	301.14	35.01	0	148.8
14/11/2024 21:45	8.49	0	117.11	15.47	11.61	0	52.77	16.05	21.75	0	299.93	33.39	0	151
14/11/2024 21:50	8.48	0	113.13	15.48	12.25	0	51.55	16.08	21.77	0	289.98	35.15	0	147.92
14/11/2024 21:55	8.05	0	119.22	15.45	12.42	0	51.59	16.02	20.56	0	294.12	35.35	0	146.83
14/11/2024 22:00	8.5	0	115.86	15.47	11.87	0	52.68	15.97	21.75	0	296.39	33.56	0	148.73
14/11/2024 22:05	8.61	0	114.55	15.48	12.39	0	49.28	16.09	22.15	0	293.16	35.78	0	142.33
14/11/2024 22:10	8.07	0	117.84	15.44	12.48	0	49.59	16.07	20.55	0	299.94	35.94	0	142.78
14/11/2024 22:15	8.61	0	123.44	15.44	11.04	0	49.54	16.37	21.92	0	314.22	34.06	0	150.7
14/11/2024 22:20	8.38	0	118.31	15.51	11.51	0	51.78	16.17	21.47	0	305.1	38.17	0	144.78
14/11/2024 22:25	7.99	0	127.7	15.45	10.8	0	41.45	16.95	18.85	0	325.55	37.96	0	145.76
14/11/2024 22:30	8.34	0	123.55	15.45	10.74	0	47.34	16.66	21.28	0	315.29	35.46	0	153.06
14/11/2024 22:35	8.31	0	118.86	15.54	10.69	0	41.46	17	21.8	0	306.73	38.11	0	147.7
14/11/2024 22:40	8.01	0	120.71	15.45	10.73	0	48.73	16.87	20.67	0	304.75	37.48	0	148.04
14/11/2024 22:45	8.99	0	116.67	15.46	11.07	0	49.65	16.36	22.97	0	298.16	34.05	0	150.79
14/11/2024 22:50	8.74	0	115.99	15.5	11.67	0	46.74	16.37	22.61	0	297.57	35.83	0	143.55
14/11/2024 22:55	8.02	0	122	15.44	11.73	0	47.3	16.27	20.42	0	310.69	35.21	0	141.91
14/11/2024 23:00	8.91	0	121.17	15.46	11.18	0	49.51	16.33	22.75	0	309.46	34.12	0	149.63
14/11/2024 23:05	8.77	0	117.22	15.49	11.41	0	46.07	16.27	22.63	0	303.33	36.22	0	146.09
14/11/2024 23:10	8.17	0	118.11	15.45	11.38	0	46.58	16.49	20.86	0	301.45	35.83	0	146.73
14/11/2024 23:15	7.93	0	115.14	15.43	11.18	0	49.16	16.35	20.27	0	294.36	34.31	0	142.12
14/11/2024 23:20	8.26	0	111.71	15.56	11.66	0	43.41	16.65	21.57	0	288.65	38.18	0	149.24
14/11/2024 23:25	7.94	0	115.47	15.47	11.84	0	43.59	16.35	20.32	0	285.54	38.52	0	141.64
14/11/2024 23:30	8.5	0	117.49	15.47	11.2	0	45.55	16.38	21.78	0	300.88	34.82	0	150.74
14/11/2024 23:35	8.38	0	116.6	15.5	11.51	0	45.62	16.46	21.87	0	299.88	36.04	0	142.81
14/11/2024 23:40	7.64	0	119.47	15.45	11.52	0	45.77	16.43	19.49	0	304.88	35.77	0	142.15
14/11/2024 23:45	8.18	0	122.4	15.46	11.17	0	47.87	16.4	20.9	0	312.85	34.66	0	147.09
14/11/2024 23:50	8.01	0	118.83	15.5	11.21	0	44.12	16.12	20.81	0	308.12	37.12	0	144.02
14/11/2024 23:55	7.38	0	120.37	15.47	11.53	0	44.19	16.64	18.88	0	307.89	37.6	0	144.1
15/11/2024 00:00	8.15	0	118.74	15.47	11.01	0	48.75	16.42	20.85	0	303.77	34.4	0	150.21
15/11/2024 00:05	8.04	0	117.12	15.52	11.23	0	44.84	16.64	20.97	0	301.8	36.67	0	146.33
15/11/2024 00:10	7.56	0	122.82	15.46	11.28	0	45.53	16.57	19.32	0	313.77	36.2	0	146.12
15/11/2024 00:15	7.75	0	120.86	15.46	10.85	0	48.35	16.57	21.05	0	310.08	35.03	0	150.05
15/11/2024 00:20	7.68	0	116.59	15.51	10.9	0	42.08	16.91	19.87	0	300.53	38.01	0	146.63
15/11/2024 00:25	7.38	0	121.84	15.47	11.03	0	42.13	16.9	18.89	0	311.86	38.38	0	146.56
15/11/2024 00:30	8.01	0	124.54	15.48	10.83	0	48.75	16.51	20.55	0	319.64	34.51	0	152.75
15/11/2024 00:35	7.89	0	120.09	15.49	11.14	0	44.26	16.73	20.49	0	308.25	37.17	0	147.57
15/11/2024 00:40	7													



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
15/11/2024 07:45	6.11	0	134.07	15.34	11.74	0	46.51	16.12	15.29	0	335.41	34.35	0	134.12
15/11/2024 07:50	6.7	0	131.27	15.39	12.3	0	41.55	16.32	17.02	0	329.73	37.34	0	126.14
15/11/2024 07:55	6.11	0	136.15	15.35	12.19	0	41.86	16.49	16.86	0	345.89	36.69	0	126.02
15/11/2024 08:00	6.34	0	137.17	15.35	11.75	0	46.89	16.12	15.86	0	343.24	34.4	0	135.06
15/11/2024 08:05	6.97	0	133.34	15.39	12.57	0	42.62	16.25	17.77	0	335.04	37.57	0	127.33
15/11/2024 08:10	6.4	0	139.79	15.33	12.84	0	44.05	16.13	15.99	0	349.06	37.39	0	128.22
15/11/2024 08:15	7.37	0	131.52	15.36	11.78	0	44.7	16.25	18.48	0	344.91	35.34	0	132.69
15/11/2024 08:20	7.49	0	130.33	15.43	11.33	0	41.34	16.45	19.25	0	329.25	37.24	0	127.24
15/11/2024 08:25	6.47	0	136.56	15.35	11.86	0	41.7	16.39	16.2	0	341.74	36.56	0	128.55
15/11/2024 08:30	6.37	0	135.95	15.35	11.81	0	46.41	16.15	15.94	0	340.32	34.77	0	134.67
15/11/2024 08:35	6.79	0	132.1	15.41	12.44	0	41.72	16.37	17.46	0	333.63	38.18	0	128.03
15/11/2024 08:40	6.15	0	135.32	15.34	12.78	0	42.05	16.34	17.78	0	345.29	39.02	0	128.36
15/11/2024 08:45	6.58	0	138.04	15.34	11.66	0	44.53	16.36	16.45	0	345.18	35.96	0	134.88
15/11/2024 08:50	6.59	0	132.68	15.39	11.75	0	39.68	16.66	16.8	0	333.32	38.5	0	129.98
15/11/2024 08:55	6.14	0	138.04	15.34	11.58	0	40.23	16.63	15.35	0	344.79	37.69	0	130.96
15/11/2024 09:00	6.6	0	141.04	15.35	10.82	0	44.94	16.52	16.53	0	352.98	34.75	0	139.75
15/11/2024 09:05	6.92	0	135.41	15.41	11.5	0	36.52	16.95	17.76	0	344.13	40.59	0	128.91
15/11/2024 09:10	6.49	0	136.88	15.33	11.86	0	36.45	16.95	16.21	0	341.48	41.72	0	128.23
15/11/2024 09:15	7.55	0	133.37	15.34	11.15	0	40.3	16.74	18.89	0	333.43	37.72	0	132.88
15/11/2024 09:20	7.41	0	131.23	15.41	10.99	0	33.85	17.24	19.02	0	330.11	41.74	0	128.47
15/11/2024 09:25	6.5	0	135.17	15.33	11.34	0	35.14	16.24	0	337.52	41.48	0	126.49	
15/11/2024 09:30	7.46	0	134.17	15.35	10.74	0	40.18	16.82	18.69	0	336.15	37.09	0	134.25
15/11/2024 09:35	7.43	0	129.93	15.47	10.72	0	33.21	17.32	19.47	0	330.08	41.82	0	128.93
15/11/2024 09:40	6.34	0	137.23	15.33	10.89	0	33.81	17.27	15.83	0	342.43	41.74	0	129.6
15/11/2024 09:45	7.08	0	133.22	15.35	11.14	0	40.55	16.74	17.73	0	333.62	37.65	0	133.54
15/11/2024 09:50	7.127	0	130.422	15.42	10.6	0	33.5	17.23	18.35	0	328.52	38.45	0	130.45
15/11/2024 09:55	6.47	0	138.76	15.32	11.11	0	33.47	17.33	16.72	0	345.8	43.25	0	130
15/11/2024 10:00	7.59	0	136.29	15.34	10.9	0	38.97	16.99	16.98	0	340.99	39.45	0	135.62
15/11/2024 10:05	7.59	0	128.17	15.42	10.24	0	30.25	17.65	19.47	0	327.99	43.98	0	129.63
15/11/2024 10:10	6.39	0	135.32	15.35	10.17	0	30.44	17.63	15.99	0	331.14	43.14	0	129.25
15/11/2024 10:15	8	0	134.86	15.35	10.61	0	37.62	17.11	20.04	0	338.29	39.51	0	134.58
15/11/2024 10:20	7.88	0	130.6	15.44	9.89	0	29.41	17.68	20.37	0	332.33	42.72	0	126.99
15/11/2024 10:25	6.81	0	130	15.35	9.92	0	30.08	17.6	17.05	0	325.41	41.75	0	126.57
15/11/2024 10:30	6.34	0	132.09	15.34	10.65	0	37.48	17.7	15.85	0	330.21	38.6	0	130.6
15/11/2024 10:35	6.35	0	127.29	15.43	10.39	0	32.82	16.48	15.99	0	320.62	42.86	0	126.09
15/11/2024 10:40	6.54	0	132.58	15.34	10.19	0	31.33	17.43	16.35	0	331.46	40.75	0	125.31
15/11/2024 10:45	7.5	0	131.08	15.35	10.29	0	37.25	17.22	18.79	0	328.33	39.41	0	141.09
15/11/2024 10:50	7.29	0	128.27	15.47	9.36	0	26.47	18.07	19.16	0	325.4	46.08	0	130.24
15/11/2024 10:55	6.78	0	130.88	15.35	9.3	0	26.47	18.07	19.16	0	327.47	46.49	0	130.36
15/11/2024 11:00	7.98	0	129.29	15.36	11.36	0	37.92	16.92	19.97	0	324.54	40.63	0	130.06
15/11/2024 11:05	7.6	0	123.5	15.47	8.69	0	21.08	18.61	19.93	0	317.92	53.31	0	128.01
15/11/2024 11:10	6.68	0	127.8	15.34	8.05	0	18.14	18.95	16.73	0	319.73	57.41	0	129.41
15/11/2024 11:15	7.33	0	126.96	15.36	11.01	0	36.03	17.07	18.38	0	318.35	41.76	0	128.84
15/11/2024 11:20	7.2	0	127.86	15.47	9.94	0	24.93	18.14	19.42	0	313.93	50.3	0	125.09
15/11/2024 11:25	6.71	0	127.45	15.33	9.8	0	23.3	18.35	16.77	0	318.29	53.34	0	126.84
15/11/2024 11:30	8.21	0	126.44	15.35	11.93	0	38.32	16.79	20.56	0	314.24	41.48	0	127.77
15/11/2024 11:35	8.07	0	122.2	15.44	11.22	0	30.7	17.4	20.91	0	308.95	44.58	0	121.65
15/11/2024 11:40	6.75	0	126.18	15.34	11.3	0	29.88	17.3	16.89	0	315.32	46.25	0	122.3
15/11/2024 11:45	7.175	0	129.73	15.35	11.94	0	42.24	16.53	324.94	0	324.94	38.46	0	130.45
15/11/2024 11:50	7.69	0	124.85	15.41	11.96	0	35.84	16.84	19.67	0	314.32	40.91	0	122.62
15/11/2024 11:55	6.82	0	126.99	15.34	11.61	0	35.39	16.85	17.04	0	317.47	39.88	0	121.56
15/11/2024 12:00	8.77	0	127.84	15.35	12.25	0	42.09	16.33	21.96	0	320.14	37.44	0	126.9
15/11/2024 12:05	8.79	0	124.13	15.4	12.38	0	37.74	16.45	21.2	0	312.18	40.13	0	122.16
15/11/2024 12:10	7	0	127.16	15.32	12.36	0	37.69	16.61	17.44	0	316.61	40.01	0	122
15/11/2024 12:15	8.7	0	130.24	15.32	12.96	0	43.91	16.05	21.69	0	324.7	37.33	0	124.93
15/11/2024 12:20	8.79	0	124.59	15.35	13.83	0	40.77	16	22.07	0	311.41	39.21	0	115.61
15/11/2024 12:25	7.57	0	123.26	15.32	14.06	0	41.78	15.93	16.78	0	306.8	38.23	0	116.58
15/11/2024 12:30	7.98	0	123.71	15.32	13.29	0	42.55	16.1	18.89	0	308.22	38.47	0	122.08
15/11/2024 12:35	8.28	0	117.7	15.38	13.25	0	37.6	16.36	21.04	0	295.26	40.57	0	115.11
15/11/2024 12:40	7.54	0	119.15	15.33	12.95	0	37.84	16.32	18.82	0	297.26	39.3	0	114.82
15/11/2024 12:45	8.49	0	120.06	15.35	12.9	0	44.53	16.05	21.25	0	300.66	37.19	0	126.28
15/11/2024 12:50	8.5	0	116.89	15.36	13.71	0	40.06	16.14	21.44	0	293.36	40.06	0	117.1
15/11/2024 12:55	7.74	0	117.83	15.33	13.81	0	40.22	16.09	19.34	0	294.26	39.89	0	116.16
15/11/2024 13:00	7.55	0	117.52	15.35	12.92	0	44.18	16.11	18.91	0	294.23	37.62	0	126.02
15/11/2024 13:05	7.84	0	114.58	15.38	13.26	0	41.32	16.21	19.85	0	287.5	39.32	0	122.45
15/11/2024 13:10	7.38	0	116.86	15.32	12.98	0	42.64	16.16	18.39	0	285.49	38.69	0	125.07
15/11/2024 13:15	7.51	0	121.47	15.33	12.23	0	43.97	16.24	18.72	0	302.98	36.89	0	129.73
15/11/2024 13:20	8.18	0	116.26	15.38	12.81	0	35.87	16.47	20.8	0	291.81	40.23	0	120.53
15/11/2024 13:25	7.68	0	116.44	15.33	12.98	0	38.86	16.42	19.16	0	290.51	40.32	0	120.66
15/11/2024 13:30	7.92	0	119.63	15.33	12.46	0	42.74	16.3	19.77	0	298.72	37.9	0	127.86
15/11/2024 13:35	8.133	0	114.37	15.4	12.98	0	38.16	16.49	21.61	0	287.61	40.81	0	123.1
15/11/2024 13:40	7.42	0	121.11	15.31	13.48	0	38.91	16.39	18.46	0	301.17	41.59	0	120.01
15/11/2024 13:45	7.59	0	122.79	15.31	12.4	0	41.62	16.33	18.88	0	305.72	37.92	0	126.61
15/11/2024 13:50	7.68	0	122.22	15.35	12.69	0	39.56	16.46	19.41	0	305.64	39.74	0	123.83
15/11/2024 13:55	7.53	0	123.75	15.3	12.77	0	39.78	16.41	18.69	0	302.21	39.56	0	123.27
15/11/2024 14:00	8.53	0	117.41	15.33	12.13	0	42.47	16.38	21.27	0	292.77	37.67	0	124.77
15/11/2024 14:05	8.37	0	115.17	15.4	11.6	0	35.3	16.99	21.4	0	289.48	41.24	0	125.45
15/11/2024 14:10	7.65	0	122.56	15.31	11.47	0	35.38	16.94	19.01	0	304.59	40.29	0	124.29
15/11/2024 14:15	7.75	0	117.41	15.32	11.85	0	41.51	16.5	19.28	0	292.25	37.76	0	129.57
15/11/2024 14:20	8.17	0	118.99	15.38	12.74	0	37.99	16.72	20.72	0	283.18	40.13	0	124.36
15/11/2024 14:25	7.77	0	115.64											



Site DCAP Period: 01/11/2024 00:00-30/11/2024 23:59 Type: AVG																			
Date & Time	Stack1_N0x	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_N0x	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_N0x@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_N0x@7%	Stack2_SO2@7%	Stack2_CO@7%					
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm					
15/11/2024 21:30	7.11	0	107.5	15.39	12.07	0	46.02	16.07	17.93	0	271.13	34.87	0	131.61					
15/11/2024 21:35	7.54	0	106.77	15.44	12.42	0	41.12	16.37	19.37	0	270.94	38.1	0	126.11					
15/11/2024 21:40	7.12	0	114.84	15.38	12.16	0	41.16	16.35	17.16	0	286.43	38.11	0	125.82					
15/11/2024 21:45	7.44	0	114.21	15.39	12.21	0	47.72	15.99	16.76	0	288.02	34.69	0	134.2					
15/11/2024 21:50	7.32	0	112.32	15.41	12.62	0	44.15	16.11	18.6	0	283.54	36.66	0	128.22					
15/11/2024 21:55	6.75	0	115.56	15.38	12.52	0	44.88	16.07	16.98	0	290.78	36.03	0	129.19					
15/11/2024 22:00	7.09	0	114.07	15.4	12.07	0	47.18	15.98	17.92	0	288.13	34.16	0	132.74					
15/11/2024 22:05	7.32	0	112.18	15.43	12.12	0	44.78	16.08	18.03	0	287.44	36.59	0	129.28					
15/11/2024 22:10	6.61	0	115.59	15.39	12.67	0	44.73	16.03	16.67	0	291.38	36.17	0	127.67					
15/11/2024 22:15	7.13	0	118.28	15.41	11.92	0	48.64	15.99	18.05	0	299.57	33.87	0	136.95					
15/11/2024 22:20	7.31	0	116.46	15.42	12.85	0	45.5	16.06	18.62	0	295.47	36.87	0	130.63					
15/11/2024 22:25	6.59	0	115.59	15.39	12.67	0	45.52	16.03	18.39	0	293.12	36.37	0	129.28					
15/11/2024 22:30	6.42	0	119.09	15.38	12.22	0	48.51	15.9	16.18	0	300.03	34.09	0	134.26					
15/11/2024 22:35	6.88	0	114.71	15.4	12.9	0	45.2	15.96	17.41	0	289.56	36.32	0	127.29					
15/11/2024 22:40	7	0	117.25	15.38	12.98	0	45.72	15.89	17.61	0	294.99	36.05	0	126.94					
15/11/2024 22:45	6.69	0	115.02	15.37	12.11	0	47.14	15.95	16.81	0	289.15	34.09	0	131.62					
15/11/2024 22:50	7.12	0	122.17	15.39	12.97	0	43.86	16.04	18.03	0	287.44	37.09	0	125.47					
15/11/2024 22:55	7.08	0	119.22	15.37	13.17	0	44.2	16	17.78	0	299.59	37.38	0	125.43					
15/11/2024 23:00	8.1	0	114.69	15.38	12.46	0	48.49	15.89	20.39	0	288.6	34.65	0	133.76					
15/11/2024 23:05	8.17	0	113.24	15.4	12.96	0	44.97	16.01	20.74	0	285.69	36.81	0	127.73					
15/11/2024 23:10	6.96	0	117.97	15.35	13.42	0	45.66	15.97	17.46	0	302.75	36.36	0	126.69					
15/11/2024 23:15	7	0	122.15	15.36	12.12	0	48.93	15.92	17.58	0	306.57	33.91	0	135.5					
15/11/2024 23:20	7.41	0	120.34	15.38	12.66	0	45.7	16.06	18.72	0	302.82	36.37	0	131.22					
15/11/2024 23:25	6.74	0	122.09	15.35	12.59	0	45.97	16.01	16.87	0	305.7	35.77	0	130.57					
15/11/2024 23:30	6.99	0	123.93	15.36	12.05	0	48.7	15.97	17.54	0	310.92	34.03	0	140.03					
15/11/2024 23:35	7.29	0	122.17	15.38	12.85	0	45.23	16.02	18.2	0	307.19	36.05	0	131.62					
15/11/2024 23:40	6.74	0	119.35	15.35	12.86	0	45.28	16.02	16.89	0	298.94	36.64	0	129.03					
15/11/2024 23:45	7.32	0	120.46	15.37	12.23	0	47.19	15.9	16.38	0	302.64	34.06	0	130.79					
15/11/2024 23:50	7.36	0	116.45	15.37	13.12	0	45.24	15.94	18.58	0	292.75	36.78	0	126.85					
15/11/2024 23:55	6.78	0	117.97	15.35	13.42	0	45.64	15.98	16.84	0	302.75	36.36	0	126.69					
16/11/2024 00:00	7.68	0	115.57	15.37	12.56	0	47.76	15.86	19.34	0	298.08	34.75	0	131.16					
16/11/2024 00:05	7.79	0	113.49	15.38	13.28	0	44.04	15.93	19.66	0	285.4	37.17	0	123.27					
16/11/2024 00:10	6.92	0	117.34	15.35	13.33	0	44.19	15.9	17.32	0	293.87	37.05	0	122.84					
16/11/2024 00:15	7.95	0	119.45	15.37	12.52	0	47.18	15.89	19.99	0	300.39	34.81	0	130.3					
16/11/2024 00:20	7.99	0	115.29	15.38	12.97	0	43.05	16.13	20.2	0	293.02	36.65	0	125.26					
16/11/2024 00:25	6.96	0	119.13	15.35	12.56	0	43.23	16.08	17.43	0	298.48	36.2	0	124.59					
16/11/2024 00:30	7.19	0	117.87	15.37	12.26	0	47.3	15.95	18.07	0	296.2	34.48	0	132.05					
16/11/2024 00:35	7.41	0	116.01	15.39	12.66	0	43.88	16.11	18.76	0	291.98	36.71	0	127.22					
16/11/2024 00:40	6.92	0	115.34	15.38	12.78	0	44.08	16.06	17.35	0	296.1	36.71	0	126.61					
16/11/2024 00:45	7.4	0	122.6	15.36	12.23	0	47.49	15.93	18.56	0	307.36	34.29	0	132.1					
16/11/2024 00:50	7.67	0	117.06	15.38	12.76	0	43.47	16.05	19.42	0	294.28	36.61	0	124.71					
16/11/2024 00:55	6.92	0	116.83	15.34	12.64	0	43.7	16.01	17.32	0	292.19	35.96	0	124.33					
16/11/2024 01:00	7.6	0	121.35	15.34	12.39	0	47.84	15.84	19.02	0	303.57	34.12	0	130.81					
16/11/2024 01:05	7.84	0	117.84	15.36	13.13	0	45.17	15.87	19.43	0	295.43	36.69	0	125.62					
16/11/2024 01:10	7.48	0	118.06	15.33	13.03	0	46.59	15.89	16.71	0	294.83	36.14	0	129.21					
16/11/2024 01:15	7.48	0	120.98	15.35	12.43	0	47.7	15.88	18.74	0	303.12	34.51	0	131.5					
16/11/2024 01:20	7.65	0	117.4	15.38	12.83	0	44.82	15.98	19.34	0	294.9	36.29	0	126.74					
16/11/2024 01:25	6.68	0	120.42	15.34	12.78	0	45.02	15.95	19.35	0	301.67	35.98	0	126.37					
16/11/2024 01:30	9	0	122.14	15.36	12.21	0	48.78	15.88	20.06	0	306.47	33.78	0	134.46					
16/11/2024 01:35	7.74	0	116.7	15.37	12.81	0	45.49	15.97	19.53	0	293.17	36.15	0	126.35					
16/11/2024 01:40	6.72	0	119.87	15.34	12.91	0	45.75	15.9	16.8	0	299.72	35.87	0	127.15					
16/11/2024 01:45	7.62	0	119.98	15.37	12.21	0	48.74	15.89	19.13	0	301.37	33.98	0	134.72					
16/11/2024 01:50	7.62	0	116.74	15.37	12.89	0	45.74	15.87	19.34	0	295.43	36.05	0	125.62					
16/11/2024 01:55	6.62	0	122.24	15.35	12.95	0	47.36	15.89	16.58	0	305.94	35.94	0	131.41					
16/11/2024 02:00	6.62	0	117.88	15.36	11.91	0	52.56	15.75	16.62	0	295.9	32.25	0	141.27					
16/11/2024 02:05	9.24	0	87.5	15.58	12.76	0	49.98	15.79	24.78	0	223.77	34.72	0	136.02					
16/11/2024 02:10	7.29	1.34	136.84	16.68	12.76	0	51.76	15.76	24.72	4.72	471.6	34.49	0	136.02					
16/11/2024 02:15	6.92	1.91	187.39	17.03	11.58	0	54.18	15.77	24.88	6.67	673.19	31.32	0	147.75					
16/11/2024 02:20	6.99	1.8	122.51	18.24	12.91	0	50.93	15.62	50.44	8.72	447.22	33.98	0	134.11					
16/11/2024 02:25	5.15	3.6	0.32	21.25	13.27	0	51.22	15.51	0	0	0	34.19	0	131.99					
16/11/2024 02:30	6.04	0	0.34	21.29	12.05	0	50.19	15.83	0	0	0	31.28	0	134.14					
16/11/2024 02:35	6.92	0	11.92	13.03	13.57	0	52.68	15.5	17.45	0	344.61	33.81	0	136.63					
16/11/2024 02:40	5.43	0	0.11	21.28	13.45	0	53.11	15.5	0	0	0	34.61	0	136.63					
16/11/2024 02:45	5.3	0	0.17	21.29	12.09	0	50.33	15.68	0	0	0	33.18	0	141.07					
16/11/2024 02:50	5.94	0	2.25	21	13.15	0	52.72	15.5	284.27	0	70.73	33.86	0	135.76					
16/11/2024 02:55	5.35	0	0.17	21.28	13.14	0	52.97	15.5	0	0	0	33.82	0	136.63					
16/11/2024 03:00	5.92	0	0.3	21.28	12.09	0	50.73	15.87	0	0	0	31.98	0	138.99					
16/11/2024 03:05	6.34	0	2.35	21	13.08	0	53.77	15.5	5.48	0	6.8	33.85	0	138.33					
16/11/2024 03:10	5.23	0	0.26	21.27	12.98	0	54.08	15.49	0	0	0	33.38	0	139.04					
16/11/2024 03:15	5.88	0	0.05	21.29	12.2	0	51.75	15.83	0	0	0	31.77	0	138.7					
16/11/2024 03:20																			



Site UCAP Period: 01/11/2024 00:00:30/11/2024 23:59 Type: AVG																
Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%		
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm		
16/11/2024 11:15	6.16	0	0	21.31	11.52	0	6.11	20.19	0	0	0	200.35	0	91.21		
16/11/2024 11:20	5.9	0	0.01	21.3	7.13	0	0.49	21.29	0	0	0	0	0	0		
16/11/2024 11:25	5.1	0	0	21.29	6.82	0	0.53	21.29	0	0	0	0	0	0		
16/11/2024 11:30	5.51	0	0.03	21.3	11.79	0	0.66	20.14	0	0	0	133.24	0	73.24		
16/11/2024 11:35	5.58	0	0.09	21.28	7.64	0	1.18	21.16	0	0	0	0	0	0		
16/11/2024 11:40	5.07	0	0	21.28	7.56	0	1.47	21.06	0	0	0	0	0	0		
16/11/2024 11:45	5.44	0	0	21.3	12.04	0	9.23	19.92	0	0	0	267.29	0	170.45		
16/11/2024 11:50	Maintenance	Maintenance	Maintenance	Maintenance	10.26	0	16.76	20.16	Maintenance	Maintenance	Maintenance	310.56	0	130.45		
16/11/2024 11:55	Maintenance	Maintenance	Maintenance	Maintenance	12.46	0	11.69	19.76	Maintenance	Maintenance	Maintenance	164.37	0	145.84		
16/11/2024 12:00	Maintenance	Maintenance	Maintenance	Maintenance	15.75	0	18.69	19.87	Maintenance	Maintenance	Maintenance	113.83	0	134.51		
16/11/2024 12:05	Maintenance	Maintenance	Maintenance	Maintenance	17.63	0	24.96	18.97	Maintenance	Maintenance	Maintenance	96.72	0	136.99		
16/11/2024 12:10	Maintenance	Maintenance	Maintenance	Maintenance	20.78	0	31.02	17.76	Maintenance	Maintenance	Maintenance	82.36	0	141.43		
16/11/2024 12:15	Maintenance	Maintenance	Maintenance	Maintenance	23.16	0	36.32	17.28	Maintenance	Maintenance	Maintenance	88.9	0	139.35		
16/11/2024 12:20	Maintenance	Maintenance	Maintenance	Maintenance	24.12	0	41.06	16.92	Maintenance	Maintenance	Maintenance	84.35	0	143.26		
16/11/2024 12:25	Maintenance	Maintenance	Maintenance	Maintenance	24.6	0	44.27	16.66	Maintenance	Maintenance	Maintenance	80.56	0	144.99		
16/11/2024 12:30	Maintenance	Maintenance	Maintenance	Maintenance	25.31	0	46.78	16.46	Maintenance	Maintenance	Maintenance	79.2	0	146.34		
16/11/2024 12:35	Maintenance	Maintenance	Maintenance	Maintenance	25.8	0	49.31	16.34	Maintenance	Maintenance	Maintenance	78.58	0	150.98		
16/11/2024 12:40	Maintenance	Maintenance	Maintenance	Maintenance	26.4	0	50.04	16.27	Maintenance	Maintenance	Maintenance	79.21	0	150.15		
16/11/2024 12:45	Maintenance	Maintenance	Maintenance	Maintenance	25.52	0	51.75	16.22	Maintenance	Maintenance	Maintenance	75.85	0	153.85		
16/11/2024 12:50	Maintenance	Maintenance	Maintenance	Maintenance	25.77	0	51.95	16.18	Maintenance	Maintenance	Maintenance	75.96	0	153.13		
16/11/2024 12:55	Maintenance	Maintenance	Maintenance	Maintenance	25.56	0	53.5	16.18	Maintenance	Maintenance	Maintenance	75.27	0	157.52		
16/11/2024 13:00	Maintenance	Maintenance	Maintenance	Maintenance	24.36	0	55.62	16.18	Maintenance	Maintenance	Maintenance	71.72	0	163.84		
16/11/2024 13:05	Maintenance	Maintenance	Maintenance	Maintenance	24.15	0	56.96	16.18	Maintenance	Maintenance	Maintenance	71.13	0	167.76		
16/11/2024 13:10	Maintenance	Maintenance	Maintenance	Maintenance	26.64	0	52.95	16.17	Maintenance	Maintenance	Maintenance	78.28	0	155.59		
16/11/2024 13:15	Maintenance	Maintenance	Maintenance	Maintenance	27.79	0	49.28	16.15	Maintenance	Maintenance	Maintenance	81.34	0	144.32		
16/11/2024 13:20	Maintenance	Maintenance	Maintenance	Maintenance	31.85	0	38.63	16.08	Maintenance	Maintenance	Maintenance	82.09	0	113.33		
16/11/2024 13:25	Maintenance	Maintenance	Maintenance	Maintenance	25.93	0	50.1	16.12	Maintenance	Maintenance	Maintenance	75.24	0	145.83		
16/11/2024 13:30	Maintenance	Maintenance	Maintenance	Maintenance	26.26	0	50.02	16.13	Maintenance	Maintenance	Maintenance	76.44	0	145.63		
16/11/2024 13:35	Maintenance	Maintenance	Maintenance	Maintenance	22.95	0	61.41	16.17	Maintenance	Maintenance	Maintenance	67.38	0	180.41		
16/11/2024 13:40	Maintenance	Maintenance	Maintenance	Maintenance	22.18	0	61.21	16.16	Maintenance	Maintenance	Maintenance	65	0	179.37		
16/11/2024 13:45	Maintenance	Maintenance	Maintenance	Maintenance	23.15	0	59.43	16.14	Maintenance	Maintenance	Maintenance	67.67	0	173.72		
16/11/2024 13:50	Maintenance	Maintenance	Maintenance	Maintenance	26.31	0	53.15	16.14	Maintenance	Maintenance	Maintenance	76.76	0	155.09		
16/11/2024 13:55	Maintenance	Maintenance	Maintenance	Maintenance	27.57	0	50.66	16.13	Maintenance	Maintenance	Maintenance	80.26	0	147.49		
16/11/2024 14:00	Maintenance	Maintenance	Maintenance	Maintenance	27.22	0	51.07	16.12	Maintenance	Maintenance	Maintenance	79.13	0	148.47		
16/11/2024 14:05	Maintenance	Maintenance	Maintenance	Maintenance	26.89	0	52.74	16.12	Maintenance	Maintenance	Maintenance	77.73	0	153.43		
16/11/2024 14:10	Maintenance	Maintenance	Maintenance	Maintenance	26.73	0	52.3	16.12	Maintenance	Maintenance	Maintenance	77.73	0	152.07		
16/11/2024 14:15	Maintenance	Maintenance	Maintenance	Maintenance	27.34	0	51.59	16.12	Maintenance	Maintenance	Maintenance	79.52	0	150.06		
16/11/2024 14:20	Maintenance	Maintenance	Maintenance	Maintenance	27.22	0	51.01	16.12	Maintenance	Maintenance	Maintenance	79.19	0	148.37		
16/11/2024 14:25	Maintenance	Maintenance	Maintenance	Maintenance	27.04	0	50.04	16.11	Maintenance	Maintenance	Maintenance	80.94	0	147.33		
16/11/2024 14:30	Maintenance	Maintenance	Maintenance	Maintenance	26.63	0	49.09	16.11	Maintenance	Maintenance	Maintenance	83.14	0	142.02		
16/11/2024 14:35	Maintenance	Maintenance	Maintenance	Maintenance	28.82	0	48.66	16.12	Maintenance	Maintenance	Maintenance	83.81	0	141.48		
16/11/2024 14:40	Maintenance	Maintenance	Maintenance	Maintenance	28.95	0	48.42	16.12	Maintenance	Maintenance	Maintenance	84.23	0	140.9		
16/11/2024 14:45	Maintenance	Maintenance	Maintenance	Maintenance	28.58	0	47.91	16.12	Maintenance	Maintenance	Maintenance	83.18	0	139.43		
16/11/2024 14:50	Maintenance	Maintenance	Maintenance	Maintenance	28.58	0	48.13	16.12	Maintenance	Maintenance	Maintenance	83.1	0	141.43		
16/11/2024 14:55	Maintenance	Maintenance	Maintenance	Maintenance	28.26	0	47.72	16.14	Maintenance	Maintenance	Maintenance	82.59	0	139.44		
16/11/2024 15:00	Maintenance	Maintenance	Maintenance	Maintenance	29.06	0	46.81	16.16	Maintenance	Maintenance	Maintenance	85.18	0	137.2		
16/11/2024 15:05	Maintenance	Maintenance	Maintenance	Maintenance	29.77	0	45.77	16.18	Maintenance	Maintenance	Maintenance	87.65	0	134.77		
16/11/2024 15:10	Maintenance	Maintenance	Maintenance	Maintenance	30.38	0	44.35	16.2	Maintenance	Maintenance	Maintenance	89.98	0	133.33		
16/11/2024 15:15	Maintenance	Maintenance	Maintenance	Maintenance	27.92	0	46.93	16.23	Maintenance	Maintenance	Maintenance	83.1	0	139.73		
16/11/2024 15:20	Maintenance	Maintenance	Maintenance	Maintenance	28.15	0	46.12	16.26	Maintenance	Maintenance	Maintenance	84.38	0	138.25		
16/11/2024 15:25	Maintenance	Maintenance	Maintenance	Maintenance	28.87	0	44.9	16.28	Maintenance	Maintenance	Maintenance	86.88	0	135.09		
16/11/2024 15:30	Maintenance	Maintenance	Maintenance	Maintenance	30.6	0	43.43	16.26	Maintenance	Maintenance	Maintenance	91.72	0	130.19		
16/11/2024 15:35	Maintenance	Maintenance	Maintenance	Maintenance	28.52	0	44.52	16.27	Maintenance	Maintenance	Maintenance	88.1	0	134.23		
16/11/2024 15:40	Maintenance	Maintenance	Maintenance	Maintenance	28.91	0	44.79	16.27	Maintenance	Maintenance	Maintenance	86.73	0	134.36		
16/11/2024 15:45	Maintenance	Maintenance	Maintenance	Maintenance	27.89	0	45.61	16.27	Maintenance	Maintenance	Maintenance	83.64	0	136.77		
16/11/2024 15:50	Maintenance	Maintenance	Maintenance	Maintenance	27.45	0	44.89	16.29	Maintenance	Maintenance	Maintenance	82.71	0	135.25		
16/11/2024 15:55	Maintenance	Maintenance	Maintenance	Maintenance	27.34	0	43.65	16.34	Maintenance	Maintenance	Maintenance	83.29	0	139.58		
16/11/2024 16:00	Maintenance	Maintenance	Maintenance	Maintenance	27.79	0	42.98	16.39	Maintenance	Maintenance	Maintenance	85.71	0	131.67		
16/11/2024 16:05	Maintenance	Maintenance	Maintenance	Maintenance	26.78	0	43.15	16.48	Maintenance	Maintenance	Maintenance	84.29	0	135.8		
16/11/2024 16:10	Maintenance	Maintenance	Maintenance	Maintenance	26.3	0	42.38	16.67	Maintenance	Maintenance	Maintenance	83.22	0	139.32		
16/11/2024 16:15	Maintenance	Maintenance	Maintenance	Maintenance	25.51	0	41.4	16.87	Maintenance	Maintenance	Maintenance	87.94	0	142.67		
16/11/2024 16:20	Maintenance	Maintenance	Maintenance	Maintenance	23.91	0	39.22	17.08	Maintenance	Maintenance	Maintenance	86.89	0	146.52		
16/11/2024 16:25	Maintenance	Maintenance	Maintenance	Maintenance	22.91	0	39.22	17.24	Maintenance	Maintenance	Maintenance	85.5	0	148.93		
16/11/2024 16:30	Maintenance	Maintenance	Maintenance	Maintenance	21.59	0	38.28	17.39	Maintenance	Maintenance	Maintenance	85.41	0	151.45		
16/11/2024 16:35	Maintenance	Maintenance	Maintenance	Maintenance	21.75	0	37.17	17.49	Maintenance	Maintenance	Maintenance	88.4	0	150.98		
16/11/2024 16:40	Maintenance	Maintenance	Maintenance	Maintenance	21.64	0	34.94	17.61	Maintenance	Maintenance	Maintenance	91.34	0	147.6		
16/11/2024 16:45	Maintenance	Maintenance	Maintenance	Maintenance	20.03	0	38.13	17.71	Maintenance	Maintenance	Maintenance	90.49	0	153.24		
16/11/2024 16:50	Maintenance	Maintenance	Maintenance	Maintenance	16.35	0	33.11	17.84	Maintenance	Maintenance	Maintenance	91.35	0	150.69		
16/11/2024 16:55	Maintenance	Maintenance	Maintenance	Maintenance	12.64	0	25.83	18.58	Maintenance	Maintenance	Maintenance	98.99	0	161.35		
16/11/2024 17:00	Maintenance	Maintenance	Maintenance	Maintenance	7.2	0	16.14	19.72	Maintenance	Maintenance	Maintenance	186.56	0	199.16		
16/11/2024 17:05	Maintenance	Maintenance	Maintenance	Maintenance	7.07	0	21.72	21.97	Maintenance	Maintenance	Maintenance	404.16	0	247.67		
16/11/2024 17:10	Maintenance	Maintenance	Maintenance	Maintenance	7.44	0	0.61	21.34	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 17:15	Maintenance	Maintenance	Maintenance	Maintenance	7.23	0	0.63	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 17:20	Maintenance	Maintenance	Maintenance	Maintenance	7.6	0	0.68	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 17:25	Maintenance	Maintenance	Maintenance	Maintenance	7.27	0	0.66	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 17:30	Maintenance	Maintenance	Maintenance	Maintenance	7.2	0	0.68	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 17:35	Maintenance	Maintenance	Maintenance	Maintenance	7.2	0	0.62	21.32	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 17:40	Maintenance	Maintenance	Maintenance	Maintenance	7.2	0	0.64	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 17:45	Maintenance	Maintenance	Maintenance	Maintenance	7.47	0	0.69	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 17:50	Maintenance	Maintenance	Maintenance	Maintenance	7.27	0	0.62	21.32	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 17:55	Maintenance	Maintenance	Maintenance	Maintenance	7.45	0	0.74	21.34	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 18:00	Maintenance	Maintenance	Maintenance	Maintenance	7.44	0	0.73	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 18:05	Maintenance	Maintenance	Maintenance	Maintenance	7.22	0	0.69	21.34	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 18:10	Maintenance	Maintenance	Maintenance	Maintenance	7.43	0	0.74	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 18:15	Maintenance	Maintenance	Maintenance	Maintenance	7.36	0	0.72	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 18:20	Maintenance	Maintenance	Maintenance	Maintenance	7.42	0	0.69	21.33	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 18:25	Maintenance	Maintenance	Maintenance	Maintenance	7.36	0	0.65	21.34	Maintenance	Maintenance	Maintenance	0	0	0		
16/11/2024 18:30	Maintenance	Maintenance	Maintenance	Maintenance	7.57	0	0.67	21.33	Maintenance	Maintenance</						



















Date & Time	Stack1_N0x	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_N0x	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
19/11/2024 08:00	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:05	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:10	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:15	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:20	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:25	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:30	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:35	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:40	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:45	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:50	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 08:55	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 09:00	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 09:05	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 09:10	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 09:15	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 09:20	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 09:25	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance	Maintenance
19/11/2024 09:30	11.47	0	76.34	15.49	12.58	0	44.79	16.04	29.48	0	196.23	36.05	0	128.18
19/11/2024 09:35	11.48	0	74.64	15.51	12.67	0	43.09	16.2	29.62	0	192.03	37.44	0	127.35
19/11/2024 09:40	11.91	0	75.59	15.4	12.44	0	42.98	16.1	30.11	0	191.05	36.49	0	126.12
19/11/2024 09:45	12.41	0	75.61	15.38	11.93	0	42.39	16.23	31.29	0	190.59	35.58	0	127.35
19/11/2024 09:50	11.83	0	73.55	15.45	11.93	0	41.19	16.37	30.24	0	187.31	36.6	0	126.4
19/11/2024 09:55	11.97	0	75.68	15.4	11.89	0	41.41	16.35	30.25	0	191.18	36.3	0	126.41
19/11/2024 10:00	12.15	0	75.66	15.4	12.07	0	44.32	16.16	30.69	0	191.05	35.44	0	129.52
19/11/2024 10:05	11.76	0	74.37	15.76	12.03	0	41.75	16.23	30.04	0	189.38	36.72	0	127.63
19/11/2024 10:10	11.85	0	75.98	15.42	12.27	0	41.98	16.32	30.02	0	192.05	37.23	0	127.43
19/11/2024 10:15	11.5	0	74.82	15.4	11.72	0	43.47	16.24	29.07	0	189.15	35.07	0	129.3
19/11/2024 10:20	11.5	0	73.63	15.47	11.82	0	41.4	16.46	29.51	0	188.16	37	0	129.55
19/11/2024 10:25	11.66	0	75.89	15.43	11.78	0	41.78	16.46	29.62	0	192.71	36.86	0	130.74
19/11/2024 10:30	11.78	0	75.75	15.42	11.65	0	43	16.35	29.62	0	192.19	35.46	0	130.57
19/11/2024 10:35	11.39	0	75.08	15.48	11.42	0	40.35	16.65	29.28	0	192.37	37.35	0	131.98
19/11/2024 10:40	11.9	0	76.1	15.44	11.36	0	40.53	16.65	30.29	0	193.66	37.19	0	132.71
19/11/2024 10:45	11.71	0	76.7	15.43	11.65	0	43.08	16.35	29.74	0	194.79	35.78	0	131.19
19/11/2024 10:50	11.29	0	75.22	15.48	11.21	0	40.15	16.23	29.2	0	192.5	36.82	0	135.95
19/11/2024 10:55	11.66	0	76.64	15.44	11.22	0	40.47	16.6	29.69	0	195.07	36.29	0	130.91
19/11/2024 11:00	11.54	0	76.17	15.43	11.6	0	43.44	16.36	29.33	0	193.54	35.58	0	132.49
19/11/2024 11:05	11.47	0	74.96	15.5	11.7	0	41.12	16.57	29.61	0	192.62	37.56	0	131.96
19/11/2024 11:10	11.63	0	76.53	15.43	11.86	0	41.42	16.53	29.65	0	191.91	37.91	0	132.41
19/11/2024 11:15	12.12	0	77.56	15.43	11.59	0	44.26	16.33	30.82	0	197.21	35.14	0	133.18
19/11/2024 11:20	11.61	0	75.98	15.49	11.43	0	40.96	16.64	29.89	0	194.81	37.32	0	133.76
19/11/2024 11:25	11.77	0	77.28	15.45	11.47	0	41.34	16.6	30.02	0	197.13	37.06	0	133.6
19/11/2024 11:30	11.55	0	76.76	15.44	11.47	0	43.42	16.39	29.41	0	195.38	35.48	0	133.25
19/11/2024 11:35	11.54	0	76.54	15.45	11.35	0	40.89	16.62	29.35	0	193.86	36.92	0	132.63
19/11/2024 11:40	11.74	0	77.51	15.45	11.22	0	41.56	16.59	29.95	0	197.79	36.16	0	133.96
19/11/2024 11:45	11.11	0	77.73	15.44	11.63	0	43.9	16.28	28.3	0	197.96	35.12	0	131.93
19/11/2024 11:50	11.02	0	76.01	15.5	11.81	0	41.76	16.46	28.4	0	195.14	37.02	0	130.87
19/11/2024 11:55	11.72	0	77.45	15.46	11.92	0	41.59	16.59	29.59	0	198.01	37.59	0	132.76
19/11/2024 12:00	10.84	0	76.25	15.44	11.56	0	45.58	16.25	27.61	0	199.55	34.76	0	135.95
19/11/2024 12:05	10.95	0	76.48	15.51	11.8	0	42.24	16.47	28.34	0	197.01	37	0	132.48
19/11/2024 12:10	11.23	0	77.52	15.46	11.92	0	42.59	16.42	28.71	0	198.11	36.99	0	132.16
19/11/2024 12:15	11.72	0	78.22	15.45	11.68	0	44.81	16.27	29.89	0	199.5	35.2	0	134.19
19/11/2024 12:20	11.3	0	76.86	15.52	11.25	0	40.78	16.51	29.25	0	197.53	37.25	0	132.63
19/11/2024 12:25	11.41	0	77.65	15.46	11.89	0	42.67	16.48	29.19	0	198.55	37.42	0	134.28
19/11/2024 12:30	11.23	0	77.47	15.46	11.71	0	45.48	16.29	28.68	0	197.86	35.39	0	136.95
19/11/2024 12:35	10.88	0	76.1	15.53	11.91	0	42.39	16.44	28.25	0	196.48	36.93	0	132.23
19/11/2024 12:40	11.18	0	76.39	15.47	11.83	0	42.64	16.4	28.53	0	200.39	36.55	0	132.76
19/11/2024 12:45	11.23	0	76.58	15.46	11.84	0	43.64	16.28	28.68	0	203.31	34.85	0	132.85
19/11/2024 12:50	11.01	0	77.23	15.5	12.23	0	43.55	16.28	28.39	0	198.5	36.76	0	130.92
19/11/2024 12:55	11.47	0	76.97	15.47	12.36	0	43.7	16.26	29.36	0	197.11	37.02	0	130.9
19/11/2024 13:00	11.69	0	77.98	15.45	12.28	0	44.53	16.06	29.83	0	199.06	35.34	0	127.7
19/11/2024 13:05	11.35	0	76.91	15.48	12.73	0	43.01	16.23	29.16	0	194.75	37.01	0	126.84
19/11/2024 13:10	11.49	0	77.02	15.47	13.03	0	42.97	16.17	29.4	0	197.07	38.28	0	126.24
19/11/2024 13:15	11.33	0	77.08	15.46	12.04	0	44.23	16.18	28.96	0	196.99	35.6	0	129.95
19/11/2024 13:20	10.95	0	75.17	15.5	11.94	0	40.34	16.55	28.24	0	193.59	38.16	0	128.93
19/11/2024 13:25	11.33	0	77.13	15.47	12.06	0	40.5	16.06	28.41	0	197.41	38.26	0	128.44
19/11/2024 13:30	11.11	0	77.52	15.46	11.6	0	42.9	16.32	28.42	0	198.22	35.32	0	130.03
19/11/2024 13:35	10.85	0	75.92	15.53	11.74	0	41.33	16.54	28.17	0	196.26	37.41	0	131.7
19/11/2024 13:40	11.2	0	78.19	15.47	11.88	0	41.84	16.49	28.68	0	200.2	37.39	0	131.77
19/11/2024 13:45	11.12	0	78.2	15.46	11.81	0	45.29	16.15	28.42	0	199.9	34.72	0	132.34
19/11/2024 13:50	10.85	0	76.22	15.52	11.39	0	40.24	16.52	29.47	0	196.45	37.42	0	132.63
19/11/2024 13:55	11.34	0	77.42	15.47	11.16	0	39.41	16.76	29.05	0	198.28	37.49	0	132.44
19/11/2024 14:00	11.39	0	77.2	15.47	11.32	0	44.18	16.32	29.15	0	197.56	34.52	0	133.7
19/11/2024 14:05	10.98	0	76.51	15.51	11.77	0	42.82	16.42	28.36	0	196.84	36.52	0	132.79
19/11/2024 14:10	11.23	0	77.34	15.48	12.23	0	44.69	16.19	28.8	0	198.37	36.13	0	131.99
19/11/2024 14:15	11.29	0	78.12	15.47	12.13	0	44.64	16.24	29.62	0	194.67	34.64	0	131.77
19/11/2024 14:20	11	0	77.12	15.53	12.16	0	44.24	16.21	28.56	0	199.33	36.02	0	131.08
19/11/2024 14:25	11.3	0	77.13	15.48	12.17	0	44.78	16.21	28.99	0	197.85	36.07	0	132.7
19/11/2024 14:30	10.94	0	78.29	15.47	11.67	0	43.63	16.22	28.02	0	200.48	34.72	0	129.45
19/11/2024 14:35	10.74	0	76.01	15.54	11.49	0	40.92	16.32	29.53	0	196.58	36.54	0	131.52
19/11/2024 14:40	11.32	0	77.9	15.48	11.44	0	41.16	16.55	29.05	0	199.85	36.56	0	131.56
19/11/2024 14:45	11.44	0	77.1	15.47	11.44	0	43.68	16.34	29.3	0	197.48	35.04	0	132.76
19/11/2024 14:50	11.03	0	76.25	15.47	11.12	0	39	16.81	28.63	0	197.33	37.83	0	132.63
19/11/2024 14:55	11.22	0	77.55	15.48	11.19	0	38.61	16.84	28.78	0	198.98	38.26	0	132.05
19/11/2024 15:00	11.49	0	79.11	15.47	11.52	0	43.36	16.36	29.42	0	202.58	35.38	0	132.17
19/11/2024 15:05														



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
19/11/2024 21:45	10.75	0	83.14	15.42	11.46	0	53.62	15.88	27.26	0	210.85	31.79	0	148.52
19/11/2024 21:50	10.92	0	80.57	15.47	11.56	0	51.98	16	27.98	0	205.83	32.75	0	147.33
19/11/2024 21:55	10.75	0	82.41	15.42	11.47	0	51.42	16.01	27.92	0	209.2	32.58	0	146.32
19/11/2024 22:00	11.92	0	82.01	15.42	11.6	0	52.54	15.93	30.23	0	208.09	32.46	0	146.32
19/11/2024 22:05	10.92	0	81.3	15.45	11.62	0	50.84	16.06	27.85	0	207.04	33.37	0	146.05
19/11/2024 22:10	10.8	0	83.57	15.41	11.61	0	50.91	16.06	27.37	0	211.76	33.37	0	146.32
19/11/2024 22:15	11.23	0	84.25	15.41	11.59	0	52.83	15.9	28.44	0	213.36	32.26	0	146.73
19/11/2024 22:20	10.23	0	81.54	15.44	11.48	0	53.49	15.82	27.49	0	207.82	33.29	0	150.23
19/11/2024 22:25	11.08	0	82.61	15.41	11.86	0	53.97	15.94	28.08	0	209.35	33.26	0	151.36
19/11/2024 22:30	11.7	0	82.16	15.4	11.79	0	55.01	15.81	29.58	0	207.8	32.22	0	150.12
19/11/2024 22:35	11.28	0	80.96	15.43	12.07	0	52.73	15.9	28.7	0	205.69	33.53	0	146.47
19/11/2024 22:40	11.21	0	81.81	15.4	11.97	0	52.73	15.88	29.58	0	205.69	33.17	0	146.47
19/11/2024 22:45	12.31	0	81.84	15.4	12.21	0	53.8	15.79	31.12	0	206.89	33.24	0	146.16
19/11/2024 22:50	11.58	0	80.52	15.44	12.2	0	51.28	15.93	29.5	0	204.7	34.1	0	143.28
19/11/2024 22:55	11.43	0	82.09	15.41	12.22	0	51.13	15.92	28.91	0	207.69	34.11	0	142.71
19/11/2024 23:00	10.98	0	82.73	15.39	11.85	0	52.68	15.82	27.69	0	208.66	32.43	0	143.95
19/11/2024 23:05	10.84	0	81.6	15.42	12.17	0	52.44	15.89	27.5	0	208.8	33.79	0	145.58
19/11/2024 23:10	11.21	0	82.33	15.41	12.25	0	53	15.9	28.35	0	208.3	34.02	0	147.2
19/11/2024 23:15	11.59	0	82.71	15.4	12.07	0	53.51	15.81	29.31	0	209.09	33	0	146.27
19/11/2024 23:20	11.24	0	81.51	15.43	12.19	0	51.04	15.93	28.56	0	206.88	34.08	0	142.75
19/11/2024 23:25	11.33	0	81.68	15.41	12.14	0	51.14	15.93	28.68	0	206.68	33.98	0	143.16
19/11/2024 23:30	12.32	0	81.36	15.41	12.04	0	51.73	15.87	31.18	0	205.91	33.3	0	142.73
19/11/2024 23:35	11.47	0	79.86	15.44	12.23	0	49.64	15.98	29.19	0	202.93	34.54	0	140.21
19/11/2024 23:40	11.45	0	81.37	15.41	12.28	0	49.36	15.95	29.01	0	206.11	34.49	0	138.61
19/11/2024 23:45	11.7	0	83.08	15.4	11.82	0	51.18	15.9	29.59	0	210.16	32.9	0	142.12
19/11/2024 23:50	11.1	0	80.94	15.44	12.22	0	50.65	15.84	29.02	0	205.74	32.9	0	141.72
19/11/2024 23:55	11.42	0	81.91	15.41	12.13	0	51.09	15.92	28.88	0	207.2	33.82	0	142.53
20/11/2024 00:00	10.8	0	81.08	15.38	12	0	51.33	15.86	27.21	0	204.32	33.13	0	141.34
20/11/2024 00:05	10.49	0	79.81	15.43	12.26	0	50.05	15.95	26.7	0	202.49	34.46	0	140.61
20/11/2024 00:10	11.2	0	83.07	15.4	12.31	0	50.45	15.93	28.45	0	209.86	34.44	0	141.14
20/11/2024 00:15	11.3	0	83.84	15.38	11.82	0	53.13	15.8	28.47	0	211.22	32.26	0	144.63
20/11/2024 00:20	11.27	0	81.02	15.42	12.53	0	51.11	15.85	28.6	0	205.23	34.52	0	140.8
20/11/2024 00:25	11.64	0	79.98	15.4	12.69	0	51.34	15.83	29.41	0	202.16	34.77	0	140.71
20/11/2024 00:30	11.26	0	78.77	15.39	12.28	0	50.47	15.8	28.43	0	198.85	33.52	0	137.48
20/11/2024 00:35	11.29	0	79.32	15.42	12.25	0	49.8	15.85	28.9	0	201.15	33.72	0	137.72
20/11/2024 00:40	11.32	0	81.08	15.41	12.06	0	50.06	15.85	28.65	0	205.13	33.2	0	137.8
20/11/2024 00:45	11.99	0	80.25	15.4	12.14	0	50.38	15.79	30.34	0	202.99	33.07	0	137.07
20/11/2024 00:50	11.43	0	78.69	15.44	12.56	0	49.05	15.89	29.15	0	200.25	34.84	0	136.08
20/11/2024 00:55	11.18	0	81.64	15.41	12.53	0	49.05	15.83	29.05	0	203.42	34.58	0	135.24
20/11/2024 01:00	11.18	0	82.12	15.42	11.95	0	51.6	15.88	28.39	0	208.49	33.1	0	142.61
20/11/2024 01:05	11.16	0	80.73	15.46	12.18	0	50.56	15.96	28.52	0	205.95	34.27	0	142.21
20/11/2024 01:10	11.38	0	81.48	15.44	12.17	0	50.56	15.94	28.98	0	207.48	34.14	0	141.8
20/11/2024 01:15	11.08	0	80.78	15.43	11.96	0	50.64	15.93	28.16	0	205.32	33.48	0	141.34
20/11/2024 01:20	11.26	0	79.25	15.47	12.22	0	48.29	16.1	28.49	0	202.88	35.4	0	139.52
20/11/2024 01:25	11.36	0	81.13	15.44	12.2	0	48.33	16.21	28.95	0	206.71	35.37	0	140.09
20/11/2024 01:30	11.51	0	81.32	15.44	11.96	0	50.63	15.97	29.3	0	206.88	33.74	0	142.41
20/11/2024 01:35	11.15	0	79.32	15.48	12.17	0	48.51	16.1	28.64	0	203.11	35.25	0	140.51
20/11/2024 01:40	11.96	0	80.13	15.45	12.2	0	48.48	16.09	30.5	0	204.34	35.29	0	140.34
20/11/2024 01:45	11.7	0	78.62	15.43	12.43	0	49	15.95	29.74	0	199.84	34.49	0	137.5
20/11/2024 01:50	11.57	0	77.48	15.49	12.44	0	47.22	16.14	29.78	0	198.83	36.3	0	137.79
20/11/2024 01:55	11.63	0	80.67	15.45	12.5	0	47.13	16.15	29.66	0	205.8	36.59	0	137.95
20/11/2024 02:00	12.1	0	80.42	15.44	12.02	0	49.76	16.01	30.82	0	204.83	34.18	0	141.15
20/11/2024 02:05	11.23	0	79.27	15.43	11.9	0	48.39	16.14	29.63	0	203.29	34.18	0	141.28
20/11/2024 02:10	11.48	0	81.35	15.44	11.83	0	48.86	16.1	29.24	0	207.25	34.26	0	141.53
20/11/2024 02:15	11.35	0	82.02	15.43	11.77	0	50.46	15.99	28.86	0	208.47	33.34	0	142.43
20/11/2024 02:20	11.17	0	80.94	15.47	12.05	0	49.11	16.13	28.63	0	206.98	35.12	0	143.13
20/11/2024 02:25	11.42	0	82.41	15.42	12.17	0	49.72	16.1	29.72	0	210.12	35.27	0	144.05
20/11/2024 02:30	11.84	0	82.14	15.44	11.96	0	52.11	15.82	30.12	0	208.96	32.77	0	142.5
20/11/2024 02:35	11.41	0	80.24	15.46	12.31	0	50.65	15.91	29.16	0	204.99	34.29	0	141.16
20/11/2024 02:40	11.39	0	82.21	15.44	12.36	0	50.81	15.9	29.01	0	209.44	34.39	0	141.39
20/11/2024 02:45	11.32	0	82.69	15.43	11.91	0	52.41	15.83	28.75	0	210.07	32.7	0	143.52
20/11/2024 02:50	11.25	0	80.85	15.47	12.22	0	50.83	15.95	28.83	0	206.92	34.28	0	142.61
20/11/2024 02:55	11.41	0	81.61	15.45	12.3	0	50.73	15.95	29.08	0	208.05	34.52	0	142.42
20/11/2024 03:00	12.51	0	81.36	15.45	12.07	0	52.33	15.88	31.89	0	207.33	33.45	0	144.3
20/11/2024 03:05	11.86	0	79.63	15.47	12.12	0	49.84	16	30.38	0	203.78	34.42	0	141.5
20/11/2024 03:10	11.28	0	81.38	15.44	12.22	0	49.88	15.86	29.89	0	208.74	34.87	0	141.72
20/11/2024 03:15	11.21	0	82.38	15.43	11.95	0	52.24	15.82	28.48	0	209.39	32.76	0	142.91
20/11/2024 03:20	10.83	0	80.31	15.46	12.36	0	51.48	15.88	27.72	0	205.13	34.21	0	142.52
20/11/2024 03:25	11.29	0	82.08	15.44	12.38	0	51.73	15.85	28.74	0	209	34.09	0	142.53
20/11/2024 03:30	11.8	0	81.8	15.44	12.01	0	53.1	15.79	30.07	0	208.38	32.7	0	144.34
20/11/2024 03:35	11.36	0	80.65	15.46	12.44	0	52.08	15.78	29.08	0	206.14	34.23	0	140.23
20/11/2024 03:40	11.29	0	82.6	15.45	12.53	0	52.09	15.84	28.78	0	210.6	34.43	0	143.12
20/11/2024 03:45	11.46	0	82.19	15.44	11.92	0	53.93	15.74	29.18	0	209.2	32.16	0	145.25
20/11/2024 03:50	11.08	0	80.95	15.46	12.18	0	52.18	15.81	28.3	0	206.62	33.27	0	142.58
20/11/2024 03:55	11.17	0	82.51	15.44	12.2	0	51.95	15.8	28.44	0	210.13	33.28	0	141.68
20/11/2024 04:00	11.41	0	82.04	15.43	11.91	0	53.21	15.78	28.65	0	208.55	33.75	0	144.18
20/11/2024 04:05	11.12	0	80.78	15.45	12.3	0	51.85	15.85	28.39	0	206.13	33.83	0	142.62
20/11/2024 04:10	11.14	0	82.25	15.44	12.16	0	51.75	15.84	28.36	0	209.38	33.42	0	142.26
20/11/2024 04:15	11.76	0	82.26	15.44	11.93	0	53.66	15.77	29.91	0	209.26	32.34	0	145.29
20/11/2024 04:20	11.54	0	82.92	15.47	12.21	0	52.09	15.85	29.67	0	208.78	33.53	0	143.25
20/11/2024 04:25	11.04	0	82.47	15.44										



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
2011/2024 11:30	11.11	0	80.41	15.43	12.31	0	50.99	15.77	26.25	0	204.5	33.37	0	137.99
2011/2024 11:35	11.24	0	78.68	15.47	12.59	0	49.23	15.88	28.82	0	201.3	34.84	0	136.34
2011/2024 11:40	11.27	0	79.93	15.44	12.47	0	48.96	15.8	26.34	0	203.54	34.69	0	136.09
2011/2024 11:45	11.66	0	80.49	15.43	12.42	0	51.01	15.73	29.64	0	204.6	33.39	0	136.97
2011/2024 11:50	11.48	0	79.13	15.46	12.68	0	50.69	15.79	29.33	0	201.93	34.49	0	137.83
2011/2024 11:55	11.37	0	79.49	15.44	12.8	0	51.02	15.78	28.94	0	202.43	34.72	0	138.41
2011/2024 12:00	10.74	0	77.78	15.43	12.28	0	50.71	15.77	27.3	0	197.84	33.28	0	137.14
2011/2024 12:05	10.95	0	78.93	15.46	12.72	0	49.59	15.82	29.03	0	196.5	34.79	0	137.28
2011/2024 12:10	11.39	0	79.35	15.44	12.72	0	49.81	15.82	29.02	0	202.15	34.82	0	136.39
2011/2024 12:15	11.17	0	80.34	15.43	12	0	48.68	16	28.41	0	204.31	34.11	0	137.91
2011/2024 12:20	10.71	0	79.34	15.47	12.07	0	45.61	16.23	27.46	0	202.88	35.94	0	135.8
2011/2024 12:25	10.88	0	80.9	15.44	12.08	0	46.34	16.24	28.5	0	202.13	36.51	0	135.65
2011/2024 12:30	11.44	0	81.3	15.44	11.69	0	46.09	16.23	29.11	0	206.94	34.88	0	136.87
2011/2024 12:35	11.02	0	79.29	15.49	11.65	0	44.16	16.41	28.38	0	203.5	36.05	0	136.02
2011/2024 12:40	11.02	0	80.93	15.45	11.67	0	44.7	16.37	28.1	0	206.43	35.8	0	137.13
2011/2024 12:45	10.99	0	79.79	15.44	11.53	0	45.09	16.36	28	0	203.28	35.47	0	137.64
2011/2024 12:50	10.75	0	78.35	15.51	11.31	0	41.79	16.66	27.82	0	201.82	37.41	0	137.01
2011/2024 12:55	11.08	0	80.8	15.45	11.63	0	42.02	16.64	28.27	0	206.2	37.92	0	137.06
2011/2024 13:00	11.19	0	81.85	15.44	11.71	0	45.51	16.29	28.5	0	208.4	35.45	0	136.76
2011/2024 13:05	10.81	0	79.7	15.5	11.61	0	42.12	16.64	27.93	0	204.8	37.88	0	137.48
2011/2024 13:10	11.14	0	80.28	15.46	11.75	0	42.38	16.61	28.69	0	204.86	38.07	0	137.28
2011/2024 13:15	10.99	0	81.45	15.44	11.85	0	46.19	16.19	28.44	0	207.49	35.07	0	135.96
2011/2024 13:20	10.79	0	78.64	15.52	11.85	0	43.51	16.47	28	0	202.82	37.19	0	136.51
2011/2024 13:25	11.14	0	80.21	15.45	11.95	0	43.5	16.49	28.43	0	204.72	37.67	0	137.08
2011/2024 13:30	11.07	0	78.29	15.44	11.41	0	45.34	16.36	28.2	0	199.45	35.14	0	138.19
2011/2024 13:35	10.71	0	76.78	15.54	11.16	0	39.82	16.84	27.9	0	198.2	38.5	0	137.86
2011/2024 13:40	10.99	0	79.77	15.45	10.86	0	39.25	16.9	28.05	0	203.58	37.78	0	136.55
2011/2024 13:45	11.3	0	78.54	15.44	11.82	0	44.86	16.24	28.79	0	200.07	35.35	0	133.36
2011/2024 13:50	10.96	0	77.81	15.5	11.51	0	40.59	16.68	28.29	0	200	37.95	0	133.82
2011/2024 13:55	11.25	0	79.99	15.46	11.56	0	40.67	16.7	28.73	0	204.32	38.25	0	134.55
2011/2024 14:00	11.34	0	79.46	15.45	11.46	0	44.52	16.38	28.94	0	202.73	35.45	0	136.41
2011/2024 14:05	10.86	0	77.93	15.54	10.99	0	38.83	16.92	28.27	0	201.43	38.41	0	135.69
2011/2024 14:10	10.87	0	79.67	15.46	10.8	0	38.36	16.95	27.77	0	203.51	38.04	0	135.15
2011/2024 14:15	11.39	0	78.55	15.44	11.33	0	42.77	16.48	29.01	0	200.12	35.81	0	134.15
2011/2024 14:20	11.06	0	76.36	15.55	10.73	0	37.56	17.23	28.59	0	197.93	38.5	0	136.76
2011/2024 14:25	11.32	0	79.05	15.46	10.52	0	37.16	17.08	28.91	0	201.91	38.24	0	135.14
2011/2024 14:30	11.85	0	79.72	15.45	11.27	0	40.83	16.62	30.2	0	203.14	36.9	0	132.59
2011/2024 14:35	11.31	0	77.62	15.55	10.85	0	36.92	17.11	29.52	0	201.18	39.86	0	135.59
2011/2024 14:40	11.22	0	77.66	15.47	10.98	0	37.11	17.13	29.83	0	203.11	40.48	0	136.75
2011/2024 14:45	11.46	0	76.57	15.45	10.96	0	41.12	16.67	29.27	0	200.56	36.31	0	134.66
2011/2024 14:50	10.92	0	76.86	15.56	10.38	0	35.02	17.33	28.57	0	199.17	40.49	0	136.49
2011/2024 14:55	11.19	0	79.7	15.46	10.25	0	34.25	17.43	28.6	0	203.77	41.04	0	137.12
2011/2024 15:00	10.61	0	79.09	15.45	11.2	0	43.43	16.49	27.05	0	201.87	35.63	0	136.35
2011/2024 15:05	10.29	0	77.14	15.52	10.44	0	38.09	17.05	28.52	0	199.59	37.92	0	136.85
2011/2024 15:10	10.72	0	81.53	15.46	10.22	0	37.88	17.11	27.39	0	208.32	37.5	0	139
2011/2024 15:15	11.17	0	80.22	15.44	11.48	0	45.47	16.36	28.44	0	204.26	35.4	0	138.99
2011/2024 15:20	10.89	0	78.76	15.47	11.37	0	41.65	16.66	27.99	0	201.25	37.25	0	136.41
2011/2024 15:25	10.93	0	81.04	15.33	11.56	0	37.45	16.65	27.28	0	202.64	37.82	0	135.58
2011/2024 15:30	10.97	0	81.58	15.31	11.57	0	45.25	16.15	27.26	0	202.87	34.01	0	132.21
2011/2024 15:35	10.53	0	78.8	15.42	10.96	0	40.7	16.69	26.85	0	199.08	36.21	0	134.49
2011/2024 15:40	10.5	0	81.1	15.34	10.83	0	40.25	16.76	26.25	0	202.74	36.35	0	135.12
2011/2024 15:45	10.45	0	82.02	15.34	10.95	0	43.85	16.37	26.12	0	205.02	33.78	0	133.67
2011/2024 15:50	10.04	0	80.06	15.44	10.25	0	38.61	16.53	26.14	0	203.14	36.1	0	136.25
2011/2024 15:55	10.57	0	81.34	15.38	10.16	0	38.59	16.95	26.6	0	204.67	35.78	0	135.97
2011/2024 16:00	11.2	0	80.86	15.37	12.08	0	52.76	15.55	28.16	0	203.32	31.46	0	136.96
2011/2024 16:05	10.74	0	79.67	15.39	12.65	0	53.88	15.47	27.07	0	200.77	32.39	0	137.96
2011/2024 16:10	10.67	0	82.08	15.38	12.53	0	54.14	15.45	26.89	0	206.08	32.12	0	139.78
2011/2024 16:15	11.11	0	82.67	15.38	12.15	0	55.19	15.45	27.86	0	208.09	34.63	0	140.79
2011/2024 16:20	10.83	0	81.47	15.39	12.74	0	54.18	15.48	27.32	0	205.48	32.65	0	138.84
2011/2024 16:25	10.37	0	83.71	15.38	12.97	0	54.22	15.48	26.12	0	210.85	33.25	0	139
2011/2024 16:30	11.54	0	83.04	15.38	11.56	0	51.81	15.83	29.08	0	209.27	31.77	0	141.96
2011/2024 16:35	10.87	0	81.26	15.42	11.57	0	46.65	16.23	27.62	0	206.82	34.63	0	139.63
2011/2024 16:40	10.2	0	82.04	15.37	11.53	0	46.34	16.3	25.65	0	206.36	34.82	0	139.94
2011/2024 16:45	10.88	0	81.69	15.37	10.93	0	48.98	16.18	27.35	0	205.34	32.31	0	144.05
2011/2024 16:50	10.43	0	80.34	15.44	10.19	0	42.92	16.81	26.63	0	204.14	34.62	0	145.75
2011/2024 16:55	10.58	0	81	15.38	9.94	0	42.58	16.88	26.58	0	203.95	34.4	0	147.38
2011/2024 17:00	11.54	0	81.67	15.38	10.85	0	47.35	16.28	29.02	0	205.48	32.73	0	142.25
2011/2024 17:05	10.87	0	79.83	15.43	10.84	0	44.94	16.47	27.68	0	202.53	33.99	0	140.87
2011/2024 17:10	10.83	0	81.34	15.38	10.55	0	44.88	16.49	27.26	0	204.71	33.26	0	141.51
2011/2024 17:15	10.5	0	82.38	15.36	11.1	0	47.4	16.19	26.34	0	206.6	32.87	0	139.62
2011/2024 17:20	10.65	0	80.58	15.44	11.12	0	43.48	16.43	26.41	0	204.31	35.72	0	139.25
2011/2024 17:25	10.59	0	82.15	15.37	11.09	0	43.17	16.62	26.64	0	206.67	35.99	0	140.06
2011/2024 17:30	11.3	0	82.72	15.37	11.51	0	49.58	16.04	28.4	0	207.93	32.99	0	141.5
2011/2024 17:35	10.98	0	80.71	15.45	11.19	0	45.8	16.45	28.08	0	205.41	34.93	0	142.97
2011/2024 17:40	10.02	0	81.04	15.35	11.22	0	45.88	16.46	27.58	0	202.92	35.15	0	143.75
2011/2024 17:45	12.76	0	78.94	15.32	11.57	0	43.48	16.11	19.46	0	198.46	33.63	0	143.3
2011/2024 17:50	12.24	0	77.18	15.4	10.72	0	45.55	16.52	30.98	0	194.85	34.06	0	144.67
2011/2024 17:55	12.05	0	77.49	15.33	10.52	0	45.3	16.58	30.05	0	193.29	33.84	0	145.79
2011/2024 18:00	12.45	0	77.62	15.32	11.8	0	50.67	15.93	30.1	0	193.27	33.06	0	141.53
2011/2024 18:05	12.17	0	78.72	15.36	11.73	0	47.75	16.19	30.69	0	195.89	34.49	0	142.96
2011/2024 18:10	12.12	0	76.32	15.32	11.69	0	47.38	16.21	30.21	0	190.26			



Site BCAP Period: 01/11/2024 00:00:30/01/12/2024 23:59 Type: AVG																
Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%		
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
21/11/2024 01:15	11.82	0	78.66	15.36	12.77	0	50.7	15.59	29.64	0	197.28	33.41	0	132.48		
21/11/2024 01:20	11.58	0	77.44	15.38	13.07	0	49.49	15.66	29.17	0	194.87	34.66	0	131.21		
21/11/2024 01:25	11.36	0	79.68	15.36	13.33	0	49.5	15.63	29.81	0	196.91	35.35	0	132.54		
21/11/2024 01:30	11.51	0	78.94	15.35	12.49	0	51.1	15.58	28.81	0	197.61	32.65	0	133.42		
21/11/2024 01:35	11.22	0	78.52	15.37	12.81	0	50.02	15.65	28.19	0	197.18	33.91	0	132.37		
21/11/2024 01:40	11.16	0	80.11	15.36	12.72	0	50.17	15.65	27.99	0	200.91	33.66	0	132.8		
21/11/2024 01:45	10.83	0	81.92	15.34	12.64	0	52.08	15.57	27.07	0	204.76	32.98	0	135.75		
21/11/2024 01:50	11.18	0	79.69	15.37	12.93	0	50.3	15.62	28.1	0	202.06	34.08	0	132.74		
21/11/2024 01:55	11.16	0	80.66	15.36	12.92	0	50.14	15.62	27.97	0	202.24	34.03	0	132.05		
21/11/2024 02:00	11.49	0	79.18	15.35	12.65	0	51.44	15.57	28.77	0	198.31	32.97	0	133.95		
21/11/2024 02:05	11.25	0	78.19	15.37	13	0	50.13	15.62	28.29	0	196.46	34.23	0	131.99		
21/11/2024 02:10	11.26	0	79.88	15.36	12.97	0	50.2	15.62	28.46	0	197.46	34.15	0	132.16		
21/11/2024 02:15	11.82	0	78.72	15.35	12.83	0	51.52	15.54	29.6	0	197.21	33.28	0	133.49		
21/11/2024 02:20	11.45	0	77.62	15.36	13.26	0	50.31	15.59	28.77	0	194.81	34.71	0	131.68		
21/11/2024 02:25	11.47	0	78.98	15.35	13.31	0	50.67	15.58	28.74	0	197.88	34.8	0	132.46		
21/11/2024 02:30	12.58	0	78.94	15.35	12.75	0	51.92	15.55	31.5	0	197.61	33.12	0	134.74		
21/11/2024 02:35	11.94	0	77.25	15.37	13.24	0	50.48	15.61	29.98	0	193.97	34.82	0	132.71		
21/11/2024 02:40	11.42	0	79.99	15.36	13.23	0	50.44	15.61	28.66	0	200.78	34.8	0	132.63		
21/11/2024 02:45	11.05	0	80.27	15.35	12.48	0	52.8	15.54	27.69	0	201.2	32.39	0	137		
21/11/2024 02:50	10.96	0	78.2	15.38	12.89	0	51.39	15.6	27.6	0	196.63	33.84	0	131.89		
21/11/2024 02:55	11.61	0	78.87	15.37	12.84	0	51.14	15.61	29.15	0	199.99	33.73	0	134.32		
21/11/2024 03:00	12.43	0	77.62	15.36	13.03	0	50.75	15.56	33.21	0	194.9	33.7	0	131.95		
21/11/2024 03:05	12.08	0	76.61	15.39	13.29	0	50.37	15.61	30.49	0	193.13	34.94	0	132.46		
21/11/2024 03:10	11.23	0	79.82	15.37	13.56	0	50.56	15.62	28.21	0	200.52	35.69	0	133.04		
21/11/2024 03:15	11.73	0	78.28	15.36	12.63	0	52.25	15.56	29.42	0	196.37	32.9	0	135.99		
21/11/2024 03:20	11.36	0	77.27	15.37	13.14	0	50.56	15.61	29.54	0	197.15	33.74	0	133.73		
21/11/2024 03:25	11.48	0	79.37	15.36	13.3	0	50.69	15.63	28.78	0	199.03	34.81	0	133.64		
21/11/2024 03:30	11.58	0	78.63	15.35	12.63	0	51.45	15.56	28.98	0	196.82	32.92	0	133.93		
21/11/2024 03:35	11.36	0	77.65	15.37	13.04	0	50.52	15.62	28.55	0	194.93	34.31	0	132.91		
21/11/2024 03:40	11.67	0	78.9	15.36	12.92	0	50.8	15.61	29.27	0	197.35	33.96	0	133.6		
21/11/2024 03:45	12.04	0	78.86	15.35	12.67	0	51.94	15.56	30.7	0	197.65	32.99	0	135.05		
21/11/2024 03:50	11.67	0	77.23	15.38	13.03	0	50.54	15.61	29.38	0	194.29	34.21	0	132.7		
21/11/2024 03:55	11.43	0	78.9	15.36	13.17	0	50.7	15.61	28.67	0	199.71	34.6	0	133.17		
21/11/2024 04:00	11.27	0	78.76	15.35	12.43	0	53.16	15.53	28.21	0	197.2	32.19	0	137.51		
21/11/2024 04:05	11.34	0	77.89	15.37	12.9	0	52.08	15.59	29.52	0	195.77	33.74	0	136.99		
21/11/2024 04:10	11.42	0	79.44	15.36	13	0	52.5	15.58	28.65	0	199.28	33.98	0	137.24		
21/11/2024 04:15	11.42	0	80.33	15.35	12.38	0	53.1	15.55	28.58	0	201.07	32.17	0	137.82		
21/11/2024 04:20	11.39	0	78.24	15.37	12.7	0	51.78	15.61	28.65	0	196.71	33.38	0	136.07		
21/11/2024 04:25	11.37	0	78.08	15.36	12.72	0	51.61	15.61	28.72	0	198.45	33.42	0	135.59		
21/11/2024 04:30	11.47	0	79.13	15.36	12.55	0	52.9	15.55	28.77	0	198.41	32.59	0	137.25		
21/11/2024 04:35	11.64	0	77.43	15.38	12.84	0	51.86	15.61	29.32	0	194.88	33.75	0	136.32		
21/11/2024 04:40	11.54	0	78.86	15.36	12.8	0	51.86	15.61	28.98	0	197.98	33.65	0	136.37		
21/11/2024 04:45	12.05	0	79.48	15.35	12.64	0	52.29	15.56	30.21	0	199.23	32.93	0	136.15		
21/11/2024 04:50	11.92	0	78.11	15.37	13.05	0	51.3	15.62	29.63	0	196.33	34.25	0	135.91		
21/11/2024 04:55	11.33	0	78.84	15.36	13.28	0	51.19	15.61	28.42	0	197.71	34.9	0	134.52		
21/11/2024 05:00	12.38	0	79.71	15.35	12.75	0	52.26	15.57	31.03	0	199.74	33.27	0	136.26		
21/11/2024 05:05	11.83	0	77.96	15.38	12.78	0	51.07	15.63	29.77	0	196.05	33.73	0	134.83		
21/11/2024 05:10	11.88	0	78.93	15.36	12.63	0	50.93	15.64	29.84	0	198.43	33.347	0	134.59		
21/11/2024 05:15	11.12	0	79.31	15.32	12.66	0	52.75	15.54	30.11	0	198.21	34.84	0	136.71		
21/11/2024 05:20	11.89	0	78.2	15.37	13.12	0	51.43	15.6	29.92	0	198.61	34.43	0	134.93		
21/11/2024 05:25	11.63	0	78.97	15.36	13.13	0	51.8	15.6	29.18	0	198.19	34.42	0	135.84		
21/11/2024 05:30	11.91	0	79.17	15.35	12.5	0	52.75	15.56	29.82	0	198.29	32.54	0	137.18		
21/11/2024 05:35	11.81	0	78.33	15.37	13.05	0	52.01	15.63	29.3	0	196.78	34.35	0	136.29		
21/11/2024 05:40	11.4	0	80.13	15.36	13.13	0	52.5	15.62	28.58	0	200.87	34.55	0	138.22		
21/11/2024 05:45	11.69	0	80.31	15.35	12.64	0	52.96	15.55	29.26	0	201.03	32.86	0	137.54		
21/11/2024 05:50	11.58	0	78.7	15.37	12.87	0	52.59	15.61	29.12	0	197.78	33.82	0	138.25		
21/11/2024 05:55	11.63	0	79.04	15.37	12.84	0	52.72	15.62	28.72	0	198.54	33.78	0	138.71		
21/11/2024 06:00	11.16	0	78.99	15.35	12.82	0	53.12	15.55	27.92	0	197.67	32.8	0	137.86		
21/11/2024 06:05	11.17	0	77.75	15.37	12.99	0	52.11	15.61	28.09	0	195.26	34.13	0	136.96		
21/11/2024 06:10	11.72	0	79.6	15.36	12.92	0	52.33	15.61	29.38	0	199.58	33.95	0	137.48		
21/11/2024 06:15	11.89	0	79.16	15.35	12.63	0	52.45	15.56	29.75	0	198.1	32.9	0	136.57		
21/11/2024 06:20	11.48	0	77.99	15.36	13.07	0	52.64	15.61	29.64	0	195.71	34.45	0	137.9		
21/11/2024 06:25	11.51	0	80.34	15.36	13.11	0	52.86	15.64	28.86	0	201.41	34.82	0	139.58		
21/11/2024 06:30	12.21	0	80.7	15.35	12.72	0	53.83	15.56	30.58	0	202.05	33.13	0	140.22		
21/11/2024 06:35	11.85	0	79.65	15.37	12.98	0	52.43	15.61	29.77	0	199.97	34.12	0	137.84		
21/11/2024 06:40	11.56	0	80.06	15.36	12.91	0	52.66	15.61	29.02	0	200.06	33.89	0	138.26		
21/11/2024 06:45	11.68	0	79.61	15.35	12.8	0	53.72	15.55	29.25	0	199.24	33.26	0	138.29		
21/11/2024 06:50	11.47	0	77.8	15.36	13.03	0	52.72	15.59	28.8	0	195.3	34.11	0	136.93		
21/11/2024 06:55	11.86	0	79.44	15.36	12.95	0	52.61	15.59	29.74	0	199.19	33.88	0	137.61		
21/11/2024 07:00	11.79	0	80.42	15.35	12.89	0	54.15	15.52	29.5	0	201.26	33.38	0	139.95		
21/11/2024 07:05	11.65	0	78.67	15.37	13.25	0	52.28	15.58	29.28	0	197.56	34.26	0	138.74		
21/11/2024 07:10	11.48	0	79.91	15.36	13.33	0	52.02	15.58	28.77	0	200.37	34.83	0	135.94		
21/11/2024 07:15	11.71	0	80.02	15.35	12.56	0	53.53	15.55	29.31	0	200.29	32.63	0	139.02		
21/11/2024 07:20	11.65	0	77.96	15.38	12.99	0	52.82	15.61	29.32	0	196	34.13	0	138.77		
21/11/2024 07:25	11.86	0	79.11	15.37	13.03	0	52.95	15.61	29.8	0	198.72	34.24	0	139.12		
21/11/2024 07:30	12.7	0														



Site DCAP Period: 01/11/2024 00:00-30/11/2024 23:59 Type: AVG														
Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
21/11/2024 15:00	11.88	0	77.75	15.33	13.75	0	52.19	15.56	29.64	0	194.06	35.82	0	135.95
21/11/2024 15:05	12.08	0	79.29	15.32	13.44	0	51.39	15.53	30.09	0	197.47	34.79	0	132.88
21/11/2024 15:10	11.76	0	77.36	15.34	13.01	0	49.64	15.63	29.39	0	193.23	34.3	0	130.18
21/11/2024 15:15	11.9	0	78	15.33	11.89	0	49.78	15.63	29.7	0	194.73	31.38	0	131.37
21/11/2024 15:20	11.83	0	79.66	15.32	12.7	0	52.71	15.53	29.48	0	198.48	32.88	0	136.33
21/11/2024 15:25	11.37	0	78.32	15.35	13.04	0	51.45	15.66	28.47	0	195.87	34.58	0	136.4
21/11/2024 15:30	11.84	0	78.9	15.35	12.73	0	51.02	15.65	29.62	0	197.45	33.75	0	135.19
21/11/2024 15:35	12.37	0	79.48	15.33	13.53	0	52.13	15.63	29.83	0	198.13	35.13	0	139.57
21/11/2024 15:40	12.07	0	77.84	15.35	13.83	0	49.95	15.68	30.28	0	194.99	36.82	0	132.94
21/11/2024 15:45	11.86	0	79.14	15.34	14.05	0	49.52	15.68	29.68	0	197.98	37.41	0	131.88
21/11/2024 15:50	11.65	0	79.76	15.33	13.3	0	52.46	15.57	29.08	0	199.04	34.71	0	136.69
21/11/2024 15:55	11.73	0	77.93	15.35	13.66	0	51.56	15.68	29.51	0	198.21	36.15	0	137.26
21/11/2024 16:00	11.79	0	76.59	15.35	13.63	0	52.05	15.69	29.52	0	196.74	36.38	0	138.96
21/11/2024 16:05	11.56	0	80.13	15.33	12.97	0	53.28	15.59	28.88	0	200.11	33.98	0	139.31
21/11/2024 16:10	11.51	0	78.83	15.37	13.13	0	51.57	15.76	28.98	0	198.07	35.48	0	139.38
21/11/2024 16:15	11.85	0	80.59	15.35	12.94	0	51.09	15.78	29.69	0	201.85	35.1	0	138.62
21/11/2024 16:20	12.91	0	81.41	15.34	13.92	0	52.54	15.63	32.3	0	203.66	34.79	0	139.44
21/11/2024 16:25	12.63	0	80.04	15.38	13.41	0	50.73	15.82	31.84	0	201.35	36.72	0	138.83
21/11/2024 16:30	11.74	0	80.72	15.35	13.53	0	50.92	15.85	29.4	0	202.18	37.27	0	140.25
21/11/2024 16:35	10.89	0	80.93	15.33	13.08	0	53.47	15.61	27.17	0	201.94	34.39	0	140.35
21/11/2024 16:40	11.02	0	79.45	15.36	12.91	0	50.94	15.8	27.2	0	199.27	35.94	0	138.87
21/11/2024 16:45	11.96	0	79.67	15.35	12.36	0	50.3	15.81	29.38	0	199.38	33.77	0	138.75
21/11/2024 16:50	12.49	0	79.47	15.34	13.69	0	53.72	15.5	31.25	0	198.76	35.22	0	138.15
21/11/2024 16:55	12.42	0	77.86	15.36	13.89	0	52.78	15.52	31.15	0	195.16	35.87	0	136.33
21/11/2024 17:00	11.93	0	79.3	15.36	14.41	0	53.25	15.53	29.92	0	198.8	37.31	0	137.91
21/11/2024 17:05	11.82	0	78.73	15.35	13.01	0	52.55	15.63	29.73	0	197.73	35.25	0	138.94
21/11/2024 17:10	11.68	0	77.68	15.39	13.05	0	50.18	15.86	29.48	0	195.79	36	0	138.5
21/11/2024 17:15	12.43	0	80.39	15.39	11.84	0	50.03	15.88	31.35	0	202.71	32.78	0	138.48
21/11/2024 17:20	11.7	0	80.91	15.37	12.56	0	52.65	15.76	29.42	0	203.5	34.01	0	142.21
21/11/2024 17:25	11.84	0	80.3	15.41	13.18	0	50.18	16.03	30.03	0	203.23	37.64	0	143.27
21/11/2024 17:30	11.71	0	81.7	15.35	13.41	0	50.27	16.03	29.84	0	202.14	36.29	0	143.55
21/11/2024 17:35	12.73	0	82.07	15.39	13.26	0	53.06	15.77	32.1	0	206.88	35.93	0	143.54
21/11/2024 17:40	12.58	0	80.12	15.42	13.65	0	51.4	15.81	31.94	0	202.99	37.31	0	140.19
21/11/2024 17:45	12.09	0	81.18	15.38	13.73	0	50.5	15.86	30.45	0	204.55	37.85	0	139.47
21/11/2024 17:50	12	0	80.65	15.37	13.09	0	53.54	15.84	29.54	0	202.59	34.65	0	141.48
21/11/2024 17:55	11.72	0	79.66	15.39	13	0	51.67	15.78	29.58	0	200.97	35.32	0	140.36
21/11/2024 18:00	11.7	0	79.73	15.39	12.38	0	51.55	15.79	29.53	0	201.24	33.67	0	140.23
21/11/2024 18:05	12.21	0	79.3	15.39	12.83	0	52.88	15.63	30.81	0	200.13	33.89	0	139.51
21/11/2024 18:10	12.16	0	78.77	15.32	13.92	0	51.17	15.8	30.14	0	199.69	37.67	0	139.89
21/11/2024 18:15	11.94	0	80.51	15.42	14.61	0	50.98	15.85	30.27	0	204.1	40.22	0	140.38
21/11/2024 18:20	12.5	0	81.7	15.42	13.66	0	54.27	15.66	31.68	0	207.08	36.26	0	143.83
21/11/2024 18:25	12.25	0	80.29	15.45	13.78	0	52.75	15.8	31.28	0	204.63	37.53	0	143.71
21/11/2024 18:30	11.4	0	82.99	15.43	14.05	0	52.88	15.82	28.96	0	210.87	38.44	0	144.69
21/11/2024 18:35	11.36	0	83.82	15.42	15.22	0	52.66	15.86	212.72	0	205.66	35.66	0	141.78
21/11/2024 18:40	11.53	0	82.58	15.45	13.54	0	54.59	15.76	29.41	0	210.36	36.58	0	147.51
21/11/2024 18:45	10.92	0	83.42	15.43	13.5	0	54.33	15.75	27.79	0	212.15	36.43	0	146.59
21/11/2024 18:50	11.69	0	83.95	15.43	13.34	0	56.83	15.62	29.69	0	213.2	35.16	0	149.62
21/11/2024 18:55	11.92	0	81.99	15.45	13.91	0	54.6	15.68	29.43	0	208.22	37.42	0	145.37
21/11/2024 19:00	11.56	0	81.92	15.44	14.06	0	54.3	15.68	29.44	0	208.43	37.44	0	144.58
21/11/2024 19:05	12.52	0	81.72	15.43	13.66	0	54.3	15.6	31.82	0	207.78	35.81	0	142.26
21/11/2024 19:10	12.28	0	80.15	15.45	13.8	0	53.22	15.64	31.33	0	204.33	36.5	0	140.77
21/11/2024 19:15	11.74	0	79.97	15.44	14.09	0	53.17	15.65	29.87	0	203.55	37.28	0	140.85
21/11/2024 19:20	11.82	0	80.02	15.42	13.41	0	54.14	15.63	29.43	0	203.23	35.13	0	141.78
21/11/2024 19:25	11.12	0	78.6	15.44	13.89	0	53.5	15.65	28.33	0	200.11	36.81	0	141.73
21/11/2024 19:30	11.78	0	81.41	15.44	14.03	0	53.33	15.65	29.99	0	207.35	37.17	0	141.28
21/11/2024 19:35	11.02	0	82.24	15.42	13.25	0	54.73	15.6	27.97	0	208.73	34.8	0	143.58
21/11/2024 19:40	11.36	0	81.77	15.46	13.82	0	53.77	15.82	29.86	0	208.24	36.54	0	146.44
21/11/2024 19:45	11.39	0	83.75	15.43	14.05	0	50.86	15.65	28.97	0	212.83	37.99	0	148.11
21/11/2024 19:50	11.45	0	82.48	15.42	13.04	0	56.62	15.64	29.04	0	209.31	34.47	0	148.46
21/11/2024 19:55	11.49	0	81.14	15.45	13.25	0	54.5	15.73	29.32	0	206.75	35.64	0	146.59
21/11/2024 20:00	11.5	0	82.45	15.44	13.05	0	54.83	15.72	29.27	0	209.83	35	0	147.09
21/11/2024 20:05	11.24	0	81.26	15.42	13.08	0	53.3	15.82	29.83	0	206.24	36.49	0	148.22
21/11/2024 20:10	11.33	0	79.65	15.45	13.53	0	51.28	15.87	28.91	0	202.91	37.39	0	141.68
21/11/2024 20:15	11.5	0	81.15	15.44	13.63	0	51.55	15.85	29.25	0	206.42	37.51	0	141.93
21/11/2024 20:20	12.23	0	81.33	15.44	13.33	0	54.36	15.75	31.12	0	206.9	35.97	0	146.63
21/11/2024 20:25	11.92	0	79.37	15.46	13.52	0	52.03	15.84	30.43	0	203.97	37.12	0	142.94
21/11/2024 20:30	11.87	0	79.39	15.44	13.63	0	51.73	15.85	30.23	0	202.16	37.31	0	141.65
21/11/2024 20:35	12.23	0	80.7	15.44	13.11	0	53.04	15.79	31.1	0	205.3	35.65	0	143.94
21/11/2024 20:40	12.17	0	78.94	15.46	13.46	0	50.89	15.92	31.13	0	201.66	37.55	0	141.94
21/11/2024 20:45	11.38	0	80.74	15.45	13.58	0	50.72	15.9	29	0	205.74	37.72	0	140.91
21/11/2024 20:50	11.4	0	81.14	15.43	13.75	0	52.46	15.92	29.78	0	203.23	36.23	0	141.78
21/11/2024 20:55	11.6	0	80.58	15.47	13.24	0	50.77	15.97	29.7	0	205.92	37.28	0	143.01
21/11/2024 21:00	11.22	0	82.51	15.44	13.11	0	50.73	15.95	28.55	0	209.89	36.8	0	142.42
21/11/2024 21:05	11.96	0	82.48	15.43	12.87	0	52.92	15.88	30.41	0	209.65	35.69	0	146.31
21/11/2024 21:10	11.64	0	81.01	15.46	13.21	0	51.85	15.98	29.77	0	206.86	37.29	0	146.4
21/11/2024 21:15	11.25	0	82.35	15.44	13.32	0	50.23	15.93	29.63	0	209.23	36.23	0	145.09
21/11/2024 21:20	11.17	0	82.88	15.43	13.1	0	51.95	15.89	28.39	0	210.57	36.44	0	144.01
21/11/2024 21:25	11.42	0	80.86	15.46	13.48	0	49.41	16.02	29.23	0	206.48	38.41	0	140.76
21/11/2024 21:30	11.41	0	81.09	15.44	13.38	0	49.42	15.99	29.04	0	206.45	37.86	0	139.89
21/11/2024 21:35	11.83	0	78.89	15.44	13.99	0	50.58	1						



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
22/11/2024 04:45	12.16	0	79.5	15.43	13.11	0	52.91	15.8	30.89	0	201.88	35.74	0	144.24
22/11/2024 04:50	12.36	0	79.08	15.42	13.16	0	52.74	15.71	31.34	0	200.45	35.28	0	141.19
22/11/2024 04:55	12.46	0	78.94	15.45	13.82	0	50.85	15.78	31.8	0	196.02	37.53	0	138.19
22/11/2024 05:00	12.13	0	79.13	15.43	13.89	0	51.2	15.77	30.81	0	201.04	37.62	0	138.66
22/11/2024 05:05	12.22	0	78.78	15.42	13.28	0	53.52	15.69	31.02	0	199.9	35.41	0	142.55
22/11/2024 05:10	12.22	0	77.84	15.45	13.55	0	51.89	15.79	31.19	0	198.32	36.82	0	141.04
22/11/2024 05:15	12.13	0	80.1	15.43	13.72	0	51.89	15.78	30.82	0	203.49	37.25	0	140.91
22/11/2024 05:20	11.9	0	81.36	15.41	13.08	0	53.93	15.81	30.19	0	206.1	35.06	0	144.71
22/11/2024 05:25	11.8	0	79.63	15.43	13.25	0	51.95	15.84	29.99	0	202.37	36.41	0	142.82
22/11/2024 05:30	11.95	0	80.4	15.42	13.11	0	52.13	15.85	30.3	0	203.92	36.08	0	143.47
22/11/2024 05:35	12.41	0	80.37	15.42	13.05	0	54.35	15.68	31.46	0	203.74	34.79	0	144.63
22/11/2024 05:40	12.3	0	78.77	15.44	13.33	0	53.77	15.44	32.65	0	200.45	36.15	0	142.72
22/11/2024 05:45	12.32	0	79.52	15.42	13.23	0	53.23	15.75	31.26	0	201.84	35.74	0	143.77
22/11/2024 05:50	12.03	0	80.15	15.41	13.08	0	53.65	15.7	30.46	0	202.91	34.95	0	143.25
22/11/2024 05:55	11.97	0	78.73	15.43	13.47	0	52.57	15.75	30.44	0	200.01	36.36	0	141.87
22/11/2024 06:00	12.11	0	79.61	15.42	13.48	0	52.44	15.74	30.73	0	202.03	36.3	0	141.14
22/11/2024 06:05	12.2	0	80.34	15.41	13.22	0	54.4	15.65	30.89	0	203.79	34.98	0	143.83
22/11/2024 06:10	12.18	0	78.74	15.43	13.54	0	54.06	15.71	30.96	0	199.99	36.25	0	144.73
22/11/2024 06:15	11.95	0	79.73	15.42	13.53	0	54.11	15.7	30.33	0	202.29	36.14	0	144.51
22/11/2024 06:20	12.69	0	79.91	15.41	13.18	0	55.02	15.64	32.14	0	202.38	34.84	0	145.36
22/11/2024 06:25	12.46	0	78.24	15.44	13.21	0	54.04	15.69	31.72	0	198.86	35.21	0	144.03
22/11/2024 06:30	11.93	0	80.53	15.42	13.14	0	53.8	15.67	30.27	0	203.72	34.84	0	143.03
22/11/2024 06:35	12.14	0	81.06	15.42	13.08	0	54.89	15.65	30.79	0	205.54	34.68	0	145.35
22/11/2024 06:40	12.05	0	79.53	15.43	13.35	0	53.64	15.7	30.67	0	202.15	35.7	0	143.43
22/11/2024 06:45	12.07	0	80.41	15.42	13.33	0	53.67	15.69	30.62	0	203.96	35.55	0	143.17
22/11/2024 06:50	12.57	0	79.81	15.41	13.12	0	54.08	15.72	31.84	0	202.11	34.81	0	143.24
22/11/2024 06:55	12.56	0	78.65	15.44	13.62	0	53.05	15.72	31.98	0	200.05	36.58	0	142.43
22/11/2024 07:00	11.9	0	80.24	15.43	13.78	0	53.55	15.71	30.23	0	203.92	36.92	0	143.44
22/11/2024 07:05	11.69	0	80.87	15.42	12.96	0	54.92	15.72	29.63	0	205.05	34.76	0	147.16
22/11/2024 07:10	11.8	0	78.88	15.44	13.11	0	53.8	15.78	30.44	0	200.55	35.59	0	143.39
22/11/2024 07:15	12.31	0	78.28	15.43	13.11	0	52.95	15.77	31.27	0	198.85	35.5	0	142.22
22/11/2024 07:20	12.57	0	77.96	15.42	13.23	0	53.31	15.68	31.86	0	197.61	35.23	0	141.86
22/11/2024 07:25	12.36	0	77.42	15.44	13.41	0	53.01	15.75	31.47	0	196.91	36.21	0	143.11
22/11/2024 07:30	11.85	0	79.94	15.42	13.52	0	53.52	15.73	30.07	0	202.92	36.32	0	143.83
22/11/2024 07:35	12.45	0	78.59	15.42	13.53	0	53.18	15.72	31.57	0	197.18	36.49	0	142.82
22/11/2024 07:40	12.2	0	78.01	15.45	13.24	0	51.61	15.78	31.1	0	198.64	35.98	0	140.2
22/11/2024 07:45	12.11	0	79.4	15.43	13.14	0	51.91	15.76	30.77	0	201.69	35.55	0	140.44
22/11/2024 07:50	11.87	0	79.93	15.41	12.78	0	52.51	15.76	30.07	0	202.54	34.56	0	141.75
22/11/2024 07:55	12.06	0	78.2	15.45	13.27	0	50.67	15.67	30.67	0	199.15	36.55	0	143.39
22/11/2024 08:00	12.19	0	78.52	15.43	13.53	0	51.06	15.84	30.97	0	199.47	37.14	0	140.16
22/11/2024 08:05	12.88	0	78.2	15.43	12.91	0	51.93	15.77	32.7	0	198.57	35.02	0	140.79
22/11/2024 08:10	12.63	0	76.92	15.45	13.26	0	50.54	15.85	32.24	0	196.13	36.51	0	139.18
22/11/2024 08:15	12.25	0	77.89	15.43	13.31	0	50.17	15.83	31.11	0	197.85	36.48	0	137.5
22/11/2024 08:20	12.45	0	76.94	15.42	13.08	0	51.08	15.8	30.42	0	195.13	35.51	0	139.5
22/11/2024 08:25	11.69	0	76.21	15.44	13.5	0	49.9	15.91	29.82	0	194.01	37.62	0	139.04
22/11/2024 08:30	12.04	0	78.92	15.43	13.81	0	49.98	15.88	30.58	0	200.49	38.26	0	138.44
22/11/2024 08:35	11.79	0	79.49	15.42	13.23	0	51.12	15.82	29.89	0	201.57	36.25	0	139.81
22/11/2024 08:40	11.83	0	77.96	15.45	13.42	0	49.75	15.92	30.17	0	198.49	37.45	0	138.86
22/11/2024 08:45	12.17	0	78.94	15.44	13.45	0	49.97	15.87	30.86	0	199.3	37.48	0	138.18
22/11/2024 08:50	13.14	0	77.84	15.43	13.06	0	50.44	15.88	33.4	0	197.92	36.17	0	139.47
22/11/2024 08:55	12.8	0	76.24	15.46	13.41	0	49.58	16	32.72	0	194.71	38.03	0	140.59
22/11/2024 09:00	12.23	0	77.95	15.44	13.7	0	49.78	15.99	31.14	0	198.5	38.8	0	140.95
22/11/2024 09:05	12.75	0	78.7	15.43	13.37	0	50.43	15.83	30.43	0	198.39	36.49	0	137.24
22/11/2024 09:10	12.61	0	77.49	15.45	13.56	0	48.97	15.89	32.19	0	197.58	37.62	0	135.87
22/11/2024 09:15	12.47	0	77.63	15.44	13.39	0	49.3	15.85	31.72	0	197.51	36.85	0	135.65
22/11/2024 09:20	12.67	0	78.74	15.42	13.21	0	49.13	15.88	32.17	0	197.62	36.61	0	135.98
22/11/2024 09:25	12.58	0	76.58	15.46	13.5	0	48.94	15.93	32.19	0	197.79	38.13	0	136.17
22/11/2024 09:30	12.3	0	77.24	15.43	13.64	0	49.31	15.95	31.29	0	196.45	38.4	0	136.47
22/11/2024 09:35	12.47	0	78.42	15.42	13.38	0	49.64	15.87	31.65	0	199.02	37	0	137.04
22/11/2024 09:40	12.42	0	77.04	15.46	13.22	0	48.77	15.97	31.74	0	196.53	37.29	0	137.53
22/11/2024 09:45	12.32	0	77.54	15.43	13.22	0	49.31	15.96	31.34	0	197.18	37.17	0	136.65
22/11/2024 09:50	12.42	0	77.99	15.43	13.05	0	50.24	15.84	31.21	0	198.16	36.63	0	140.15
22/11/2024 09:55	12.27	0	75.94	15.46	13.23	0	48.28	16.04	31.35	0	193.82	37.87	0	138.22
22/11/2024 10:00	12.23	0	77.57	15.43	13.38	0	48.81	15.99	31.1	0	197.25	37.84	0	138.12
22/11/2024 10:05	13.09	0	77.56	15.42	12.95	0	49.51	15.94	33.25	0	196.96	36.31	0	136.58
22/11/2024 10:10	12.59	0	75.59	15.46	13.08	0	47.91	16.05	32.16	0	194.35	37.49	0	137.24
22/11/2024 10:15	12.11	0	77.59	15.44	12.72	0	47.64	16.03	30.81	0	197.41	38.32	0	136.05
22/11/2024 10:20	12.5	0	78.05	15.43	12.95	0	49.63	15.92	31.74	0	198.17	36.19	0	138.48
22/11/2024 10:25	12.26	0	76.43	15.46	12.73	0	48.66	16.02	31.33	0	195.06	36.32	0	138.72
22/11/2024 10:30	12.26	0	77.39	15.43	12.08	0	49.25	15.97	31.19	0	196.84	34.07	0	138.91
22/11/2024 10:35	12.73	0	77.65	15.43	12.72	0	49.58	15.93	32.43	0	197.25	36.49	0	139.15
22/11/2024 10:40	12.51	0	76.23	15.46	13.13	0	48	16.09	32.01	0	194.71	37.95	0	138.68
22/11/2024 10:45	12.46	0	76.83	15.43	13.42	0	48.73	16.03	31.67	0	195.3	38.29	0	139.04
22/11/2024 10:50	13.06	0	76.77	15.41	13.27	0	50.01	15.87	33.1	0	194.49	36.72	0	139.62
22/11/2024 10:55	12.88	0	75.37	15.42	13.07	0	48.05	15.95	32.72	0	191.03	36.91	0	135.05
22/11/2024 11:00	12.57	0	76.95	15.41	12.88	0	47.86	15.93	31.57	0	197.41	36.82	0	137.8
22/11/2024 11:05	12.32	0	76.32	15.28	13.14	0	47.85	15.89	30.47	0	188.73	36.52	0	132.52
22/11/2024 11:10	12.03	0	75.29	15.31	13.43	0	45.44	16.1	29.97	0	187.21	38.94	0	131.71
22/11/2024 11:15	12.35	0	75.84	15.27	13.2	0	45.75	16.08	30.5	0	187.23	38.07	0	131.93
22/11/2024 11:20	12.89	0	77.1	15.28	12.93	0	47.41	15.97	31.73	0	189.69	36.49	0	133.46
22/11/2024 11:														



Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_Nox@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_Nox@7%	Stack2_SO2@7%	Stack2_CO@7%
ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
22/11/2024 18:30	12.09	0	80.68	15.29	13.69	0	50.7	15.61	29.95	0	199.82	35.95	0	133.17
22/11/2024 18:35	11.94	0	81.07	15.27	13.41	0	52.55	15.54	29.49	0	200.22	34.77	0	136.07
22/11/2024 18:40	12.01	0	79.87	15.3	13.76	0	50.99	15.63	29.66	0	199.86	36.08	0	135.28
22/11/2024 18:45	11.59	0	80.97	15.28	13.41	0	50.59	15.7	28.68	0	200.42	35.84	0	135.24
22/11/2024 18:50	11.9	0	80.67	15.27	13.38	0	53.01	15.56	29.38	0	199.15	34.86	0	138.11
22/11/2024 18:55	11.89	0	79.98	15.29	13.76	0	51.32	15.69	29.5	0	198.23	36.72	0	137.03
22/11/2024 19:00	11.42	0	81.4	15.28	14.02	0	51.48	15.67	28.28	0	201.48	37.27	0	136.92
22/11/2024 19:05	10.86	0	80.76	15.26	13.16	0	53.71	15.62	27.66	0	199.13	34.96	0	138.92
22/11/2024 19:10	11.19	0	78.91	15.3	13.72	0	51.29	15.71	27.84	0	199.81	36.75	0	137.4
22/11/2024 19:15	11.74	0	81.32	15.29	13.7	0	51.05	15.71	29.07	0	201.41	36.67	0	136.62
22/11/2024 19:20	13.05	0	80.02	15.28	13.46	0	52.94	15.55	32.3	0	198.07	34.99	0	137.41
22/11/2024 19:25	12.92	0	78.75	15.31	13.99	0	51.99	15.92	32.03	0	198.58	37.02	0	137.26
22/11/2024 19:30	11.81	0	80.36	15.29	14	0	52.34	15.65	29.27	0	199.11	37.04	0	138.5
22/11/2024 19:35	11.84	0	81.3	15.28	13.4	0	53	15.56	29.29	0	201.02	34.88	0	137.82
22/11/2024 19:40	11.83	0	80.07	15.3	14.05	0	51.73	15.66	29.38	0	198.67	37.28	0	137.22
22/11/2024 19:45	11.42	0	80.63	15.29	14.2	0	51.91	15.64	28.29	0	199.79	37.54	0	137.18
22/11/2024 19:50	11.2	0	80.24	15.27	13.51	0	53.07	15.54	27.66	0	198.16	35.1	0	137.64
22/11/2024 19:55	11.42	0	78.74	15.3	13.71	0	52.03	15.63	28.39	0	195.38	36.17	0	137.21
22/11/2024 20:00	12.02	0	80.52	15.29	13.77	0	51.63	15.61	29.79	0	199.54	36.19	0	135.71
22/11/2024 20:05	12.63	0	81.25	15.28	13.55	0	52.68	15.52	31.25	0	201.06	35.05	0	136.08
22/11/2024 20:10	12.3	0	78.99	15.3	13.94	0	51.55	15.6	30.54	0	196.05	36.99	0	135.31
22/11/2024 20:15	11.86	0	78.76	15.29	13.75	0	51.7	15.59	29.44	0	197.85	35.97	0	135.4
22/11/2024 20:20	11.81	0	79.85	15.28	13.24	0	53.13	15.51	29.21	0	197.45	34.18	0	136.98
22/11/2024 20:25	11.94	0	78.74	15.3	14.02	0	52.04	15.58	29.62	0	195.27	36.61	0	135.88
22/11/2024 20:30	11.84	0	80.12	15.29	14.38	0	52.19	15.56	29.35	0	198.54	37.42	0	135.87
22/11/2024 20:35	11.64	0	81.15	15.27	13.51	0	53.19	15.59	29.19	0	197.18	34.39	0	137.52
22/11/2024 20:40	11.62	0	79.26	15.3	13.95	0	51.52	15.58	28.85	0	196.55	36.41	0	134.51
22/11/2024 20:45	11.53	0	79.56	15.29	13.53	0	51.22	15.57	28.56	0	197	35.27	0	133.5
22/11/2024 20:50	11.91	0	79.36	15.28	13.4	0	52.97	15.49	29.45	0	196.16	34.46	0	136.09
22/11/2024 20:55	12.15	0	78.29	15.3	13.95	0	52.07	15.57	30.17	0	194.17	36.36	0	135.68
22/11/2024 21:00	11.63	0	79.59	15.29	14	0	52.36	15.59	28.81	0	197.13	36.4	0	136.16
22/11/2024 21:05	12.26	0	78.91	15.28	13.5	0	53.24	15.51	30.32	0	195.21	34.85	0	137.3
22/11/2024 21:10	12.06	0	77.84	15.3	13.67	0	52.02	15.6	29.97	0	193.19	35.84	0	136.35
22/11/2024 21:15	12.02	0	79.48	15.29	13.63	0	52.3	15.59	29.79	0	197.06	35.65	0	136.83
22/11/2024 21:20	11.9	0	80.1	15.28	13.34	0	53.4	15.62	29.43	0	198.13	34.39	0	137.55
22/11/2024 21:25	11.98	0	79.13	15.3	13.81	0	51.89	15.6	29.78	0	196.42	36.19	0	136
22/11/2024 21:30	11.67	0	78.57	15.29	13.88	0	51.92	15.59	28.9	0	196.9	36.3	0	135.85
22/11/2024 21:35	12.33	0	79.57	15.28	13.45	0	53.36	15.51	30.47	0	196.68	34.73	0	137.61
22/11/2024 21:40	12.02	0	78.67	15.3	13.61	0	51.79	15.59	29.86	0	195.79	35.51	0	135.49
22/11/2024 21:45	11.79	0	80.96	15.29	13.42	0	51.93	15.58	29.01	0	200.51	35.06	0	135.27
22/11/2024 21:50	12.47	0	81.09	15.28	13.22	0	52.86	15.53	30.83	0	200.47	34.26	0	136.77
22/11/2024 21:55	12.31	0	79.81	15.3	13.81	0	51.73	15.64	30.59	0	198.02	36.46	0	136.57
22/11/2024 22:00	11.77	0	80.69	15.28	13.72	0	51.94	15.63	29.13	0	199.66	36.17	0	136.94
22/11/2024 22:05	11.74	0	81.2	15.28	13.35	0	52.69	15.62	29.27	0	196.27	34.6	0	136.5
22/11/2024 22:10	11.55	0	79.33	15.28	13.97	0	51.08	15.61	28.61	0	199.21	36.71	0	134.18
22/11/2024 22:15	11.79	0	79.68	15.28	13.92	0	51.33	15.58	29.15	0	196.94	36.4	0	134.22
22/11/2024 22:20	13.02	0	80.41	15.27	13.41	0	53.11	15.54	32.14	0	198.53	34.78	0	137.63
22/11/2024 22:25	12.48	0	78.96	15.29	13.48	0	51.32	15.61	30.93	0	195.48	35.43	0	134.9
22/11/2024 22:30	11.85	0	80.04	15.27	13.51	0	51.25	15.59	29.17	0	197.69	34.47	0	134.13
22/11/2024 22:35	12.63	0	79.91	15.26	13.32	0	52.09	15.5	31.15	0	197.03	34.27	0	133.98
22/11/2024 22:40	12.5	0	79.17	15.29	13.79	0	51.91	15.56	30.96	0	195.91	35.91	0	135.22
22/11/2024 22:45	11.49	0	80.97	15.27	13.84	0	51.84	15.55	28.38	0	199.92	35.99	0	134.78
22/11/2024 22:50	11.92	0	80.02	15.28	13.41	0	53.26	15.48	31.41	0	198.13	34.45	0	136.21
22/11/2024 22:55	11.73	0	78.81	15.28	13.8	0	52.45	15.56	29.02	0	194.8	35.93	0	136.54
22/11/2024 23:00	11.56	0	80.29	15.27	13.72	0	53.41	15.56	28.55	0	198.28	35.71	0	139
22/11/2024 23:05	11.59	0	81.08	15.28	13.25	0	53.29	15.5	28.56	0	199.75	34.15	0	137.18
22/11/2024 23:10	11.82	0	79.46	15.28	13.46	0	51.98	15.56	29.86	0	196.53	35.72	0	136.92
22/11/2024 23:15	11.51	0	80.21	15.27	13.38	0	52.48	15.61	28.41	0	197.87	35.17	0	138.01
22/11/2024 23:20	12.36	0	80.06	15.26	13.24	0	52.83	15.51	30.46	0	197.28	34.14	0	136.12
22/11/2024 23:25	12.43	0	79.11	15.29	13.52	0	51.18	15.6	30.8	0	195.79	35.46	0	134.28
22/11/2024 23:30	11.52	0	80.95	15.27	13.45	0	51.05	15.59	28.43	0	199.83	35.2	0	133.56
22/11/2024 23:35	12.5	0	81.08	15.26	13.57	0	53.73	15.44	30.83	0	195.72	33.92	0	135.92
22/11/2024 23:40	12.09	0	79.54	15.29	13.57	0	51.78	15.62	29.98	0	196.97	35.73	0	133.9
22/11/2024 23:45	11.39	0	82.83	15.26	13.7	0	51.63	15.63	28.1	0	204.29	36.12	0	136.08
22/11/2024 23:50	11.61	0	81.85	15.28	12.69	0	56.55	15.46	28.56	0	201.39	32.48	0	144.76
22/11/2024 23:55	11.63	0	81.3	15.28	13.06	0	53.43	15.54	28.75	0	200.13	33.85	0	143.78
23/11/2024 00:00	11.08	0	82.54	15.26	13.2	0	55.38	15.54	27.35	0	203.55	34.25	0	143.66
23/11/2024 00:05	11.31	0	80.54	15.25	12.67	0	56.09	15.47	27.82	0	198.09	32.45	0	143.52
23/11/2024 00:10	11.5	0	79.55	15.28	13.22	0	54.69	15.56	28.44	0	196.49	34.41	0	142.3
23/11/2024 00:15	11.42	0	81.08	15.27	13.28	0	54.47	15.56	28.18	0	200.03	34.57	0	141.77
23/11/2024 00:20	12.82	0	81.03	15.25	12.93	0	56.09	15.46	27.62	0	199.24	33.07	0	143.26
23/11/2024 00:25	11.64	0	79.09	15.28	13.27	0	54.67	15.53	28.79	0	195.35	34.36	0	141.61
23/11/2024 00:30	11.77	0	78.5	15.27	13.14	0	54.63	15.53	29.05	0	193.79	34.02	0	141.43
23/11/2024 00:35	11.92	0	78.09	15.25	13.48	0	53.48	15.46	29.35	0	192.23	34.46	0	136.61
23/11/2024 00:40	11.92	0	77.08	15.27	13.78	0	52.77	15.52	29.45	0	190.34	35.6	0	136.35
23/11/2024 00:45	11.72	0	78.52	15.27	13.83	0	53.52	15.51	29.52	0	193.19	35.52	0	136.5
23/11/2024 00:50	12.72	0	77.89	15.26	13.46	0	54.51	15.46	31.35	0	192.03	34.39	0	139.16
23/11/2024 00:55	12.4	0	77.03	15.28	13.67	0	53.67	15.51	30.67	0	190.41	35.22	0	138.32
23/11/2024 01:00	11.63	0	78.86	15.27	13.67	0	54	15.5	28.7	0	194.6	35.22	0	139.12
23/11/2024 01:05	12.78	0	78.52	15.28	13.92	0	54.85	15.44	31.52	0	196.15	35.29	0	138.9
23/11/2024 01:10	12.78	0												



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
23/11/2024 08:15	12.15	0	78.04	15.27	14.14	0	53.22	15.43	30	0	192.71	35.95	0	135.31
23/11/2024 08:20	12.52	0	77.61	15.26	13.62	0	54.59	15.39	30.86	0	191.39	34.33	0	137.55
23/11/2024 08:25	12.59	0	76.06	15.26	13.06	0	53.06	15.43	31.13	0	188.81	35.45	0	137.85
23/11/2024 08:30	12.41	0	76.39	15.27	14.09	0	52.66	15.43	30.63	0	188.64	35.83	0	133.88
23/11/2024 08:35	12.66	0	77.86	15.26	13.47	0	54.28	15.39	31.21	0	191.9	33.99	0	136.86
23/11/2024 08:40	12.62	0	76.6	15.27	14.04	0	53.22	15.44	31.18	0	189.2	35.71	0	135.4
23/11/2024 08:45	12.24	0	76.88	15.27	14.28	0	52.97	15.44	30.22	0	189.76	36.35	0	134.82
23/11/2024 08:50	12.4	0	76.4	15.26	13.75	0	53.21	15.42	32.24	0	187.78	34.55	0	134.21
23/11/2024 08:55	13.12	0	75.25	15.27	14.1	0	52.42	15.44	32.41	0	188.69	35.86	0	133.52
23/11/2024 09:00	12.47	0	76.46	15.27	14.17	0	52.48	15.44	30.77	0	188.69	36.07	0	133.59
23/11/2024 09:05	12.64	0	75.78	15.26	13.56	0	54.05	15.39	31.13	0	186.61	34.21	0	136.24
23/11/2024 09:10	12.62	0	74.83	15.27	13.79	0	52.36	15.39	31.18	0	184.37	35.08	0	133.18
23/11/2024 09:15	12.37	0	76.38	15.27	13.45	0	52.09	15.44	30.54	0	188.53	34.22	0	132.52
23/11/2024 09:20	13.25	0	76.76	15.25	13.58	0	52.95	15.39	32.62	0	189.01	34.25	0	133.46
23/11/2024 09:25	13.42	0	75.31	15.28	13.95	0	51.82	15.45	33.18	0	186.06	35.57	0	132.08
23/11/2024 09:30	12.51	0	75.8	15.26	13.91	0	51.8	15.45	30.84	0	186.92	35.49	0	132.18
23/11/2024 09:35	13.1	0	75.31	15.25	13.61	0	52.44	15.42	32.24	0	187.78	34.55	0	132.99
23/11/2024 09:40	13.1	0	74.69	15.27	14.11	0	51.1	15.48	32.36	0	184.37	36.15	0	130.98
23/11/2024 09:45	12.71	0	75.76	15.27	14.09	0	50.52	15.47	31.39	0	187.09	36.07	0	129.28
23/11/2024 09:50	13.25	0	76.07	15.26	13.81	0	52.22	15.42	32.64	0	187.44	35.03	0	132.4
23/11/2024 09:55	13.12	0	75.08	15.28	13.9	0	52.46	15.47	32.43	0	185.37	35.29	0	134.19
23/11/2024 10:00	12.48	0	76.34	15.27	13.56	0	53.14	15.45	30.62	0	188.51	34.68	0	135.88
23/11/2024 10:05	12.08	0	76.6	15.25	13.49	0	52.44	15.43	29.73	0	188.59	34.27	0	133.18
23/11/2024 10:10	12.32	0	75.53	15.27	13.79	0	52.18	15.47	30.45	0	186.55	35.34	0	133.66
23/11/2024 10:15	12.48	0	76.69	15.27	13.66	0	52.14	15.47	30.81	0	189.34	34.95	0	133.44
23/11/2024 10:20	13.03	0	76.93	15.25	13.40	0	52.71	15.44	32.01	0	189.35	34.69	0	134.79
23/11/2024 10:25	12.7	0	75.3	15.28	13.72	0	51.73	15.48	31.39	0	186	35.22	0	132.75
23/11/2024 10:30	12.26	0	76.35	15.27	13.44	0	51.83	15.47	30.26	0	188.45	34.42	0	132.76
23/11/2024 10:35	12.66	0	76.45	15.25	13.44	0	53.29	15.45	31.15	0	188.17	34.3	0	135.93
23/11/2024 10:40	12.58	0	75.26	15.27	14.05	0	51.51	15.51	31.11	0	185.97	36.27	0	132.77
23/11/2024 10:45	12.22	0	75.56	15.27	14.27	0	51.33	15.5	30.15	0	187.36	36.74	0	132.2
23/11/2024 10:50	13.29	0	75.84	15.26	13.88	0	52.45	15.41	32.76	0	186.94	35.15	0	132.76
23/11/2024 10:55	13.17	0	74.15	15.28	14.04	0	51.67	15.45	32.58	0	183.3	35.83	0	131.82
23/11/2024 11:00	12.25	0	76.66	15.26	13.81	0	51.94	15.44	30.22	0	189.1	35.17	0	132.24
23/11/2024 11:05	13.36	0	75.64	15.26	13.67	0	52.84	15.42	32.84	0	186.33	34.92	0	134.79
23/11/2024 11:10	13.03	0	74.62	15.28	13.81	0	51.18	15.54	32.25	0	184.5	35.81	0	132.69
23/11/2024 11:15	11.99	0	76.42	15.26	14.03	0	51.09	15.53	29.57	0	188.42	36.29	0	132.13
23/11/2024 11:20	13.04	0	76.4	15.25	13.4	0	52.23	15.55	32.09	0	188.01	34.8	0	135.63
23/11/2024 11:25	12.79	0	75.82	15.28	13.48	0	50.43	15.48	31.43	0	185.57	35.03	0	133.33
23/11/2024 11:30	12.31	0	76.57	15.26	13.56	0	50.55	15.62	30.34	0	188.69	35.72	0	133.12
23/11/2024 11:35	12.64	0	76.57	15.25	13.33	0	51.25	15.54	31.08	0	188.32	34.6	0	132.9
23/11/2024 11:40	12.7	0	75.21	15.28	13.68	0	50.91	15.62	31.42	0	185.88	36.02	0	134.01
23/11/2024 11:45	12.16	0	76.39	15.26	13.69	0	51.28	15.58	29.98	0	188.38	35.77	0	134.02
23/11/2024 11:50	12.63	0	76.02	15.25	13.14	0	51.13	15.63	31.05	0	187.35	34.69	0	134.79
23/11/2024 11:55	12.51	0	74.53	15.27	13.64	0	49.82	15.72	30.91	0	184.09	36.6	0	133.72
23/11/2024 12:00	12.11	0	76.71	15.26	14.17	0	50.23	15.69	29.81	0	188.89	37.78	0	133.92
23/11/2024 12:05	13.1	0	76.06	15.25	13.47	0	50.93	15.61	32.23	0	187.05	35.41	0	133.75
23/11/2024 12:10	13.06	0	75.01	15.28	13.64	0	49.35	15.72	32.31	0	185.32	36.82	0	132.93
23/11/2024 12:15	12.15	0	76.18	15.28	14.03	0	49.84	15.68	32.97	0	189.97	37.34	0	132.89
23/11/2024 12:20	12.25	0	77.27	15.23	13.44	0	51.06	15.58	30.05	0	189.59	35.12	0	133.19
23/11/2024 12:25	12.33	0	76.9	15.27	13.59	0	50.12	15.65	30.44	0	187.14	35.98	0	132.71
23/11/2024 12:30	12.7	0	76.63	15.25	13.47	0	49.92	15.62	31.25	0	188.59	35.44	0	131.35
23/11/2024 12:35	12.12	0	77.82	15.23	13.14	0	51.1	15.63	29.83	0	190.8	34.93	0	133.53
23/11/2024 12:40	12.15	0	75.51	15.26	13.4	0	49.53	15.76	29.97	0	186.02	36.22	0	133.88
23/11/2024 12:45	11.99	0	76.06	15.25	13.31	0	50.27	15.72	29.47	0	186.99	35.75	0	134.97
23/11/2024 12:50	12.31	0	75.33	15.23	13.1	0	49.3	15.74	30.21	0	184.81	35.29	0	132.59
23/11/2024 12:55	12.19	0	75.99	15.23	13.08	0	46.41	15.84	30.31	0	183.31	37.07	0	132.86
23/11/2024 13:00	11.96	0	76.73	15.24	13.36	0	47.08	15.98	29.38	0	188.54	37.74	0	133
23/11/2024 13:05	12.16	0	77.96	15.23	12.97	0	49.23	15.8	29.78	0	191.01	35.42	0	134.03
23/11/2024 13:10	12.1	0	76.5	15.28	12.59	0	46.52	16.05	29.95	0	188.91	36.12	0	133.45
23/11/2024 13:15	12.05	0	76.05	15.25	12.14	0	46.41	16.03	29.63	0	187.07	34.64	0	132.4
23/11/2024 13:20	12.05	0	74.97	15.24	12.86	0	49.78	15.78	29.64	0	184.78	34.69	0	133.79
23/11/2024 13:25	12.02	0	73.88	15.27	13.02	0	48.37	15.83	29.71	0	182.33	35.72	0	132.7
23/11/2024 13:30	12.25	0	74.71	15.25	12.78	0	48.55	15.79	30.15	0	183.91	34.76	0	132.11
23/11/2024 13:35	12.07	0	75.76	15.23	13.09	0	49.62	15.62	29.62	0	185.99	34.46	0	130.49
23/11/2024 13:40	12.16	0	74.12	15.28	13.75	0	46.98	15.72	30.06	0	182.98	36.87	0	132.55
23/11/2024 13:45	12.46	0	75.27	15.25	13.92	0	46.25	15.92	30.64	0	185.08	37.24	0	132.85
23/11/2024 13:50	12.5	0	74.91	15.23	13.33	0	48.52	15.65	30.64	0	183.7	35.29	0	128.21
23/11/2024 13:55	12.35	0	73.08	15.3	13.29	0	46.62	15.89	30.7	0	180.93	36.88	0	129.39
23/11/2024 14:00	12.31	0	76.01	15.23	13.38	0	47.16	15.89	30.26	0	186.84	37.06	0	130.65
23/11/2024 14:05	12.06	0	76.47	15.23	12.91	0	48.29	15.77	29.64	0	187.48	35.05	0	130.59
23/11/2024 14:10	11.78	0	75.28	15.28	12.92	0	45.34	16.1	29.16	0	185.83	37.4	0	131.27
23/11/2024 14:15	11.98	0	76.91	15.25	13.23	0	45.81	16.04	29.47	0	189.19	37.84	0	131
23/11/2024 14:20	11.37	0	75.86	15.23	12.68	0	48.46	15.83	27.86	0	185.91	34.87	0	132.73
23/11/2024 14:25	11.37	0	74.53	15.29	12.72	0	44.77	16.19	28.21	0	184.49	37.51	0	132.01
23/11/2024 14:30	12	0	75.79	15.25	12.63	0	47.81	16.2	29.83	0	189.33	37.34	0	132.53
23/11/2024 14:35	12.71	0	74.46	15.24	12.58	0	47.38	15.91	31.24	0	185.46	35.14	0	131.89
23/11/2024 14:40	12.36	0	74.05	15.29	12.45	0	42.68	16.42	30.65	0	183.58	38.66	0	132.5
23/11/2024 14:45	12.14	0	76.69	15.26	12.75	0	42.48	16.45	29.9	0	188.96	39.84	0	132.76
23/11/2024 14:50	13.32	0	75.97	15.25	12.99	0	47.74	16.2	30.77	0	189.21	34.93	0	130.69
23/11/2024 14:55</														



Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_Nox@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_Nox@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
23/11/2024 22:00	12.04	0	77.8	15.43	14.2	0	49.73	15.72	30.62	0	197.78	38.14	0	133.55
23/11/2024 22:05	12.12	0	76.93	15.42	13.31	0	51.61	15.64	30.74	0	195.08	35.16	0	136.19
23/11/2024 22:10	12.3	0	76.06	15.44	13.78	0	50.19	15.64	30.19	0	193.54	36.39	0	134.77
23/11/2024 22:15	12.1	0	77.54	15.44	13.88	0	50.31	15.71	30.77	0	197.23	37.16	0	134.73
23/11/2024 22:20	12.22	0	77.97	15.43	13.4	0	52.85	15.67	31.03	0	197.99	35.63	0	134.81
23/11/2024 22:25	12.19	0	75.98	15.45	13.7	0	50	15.74	31.13	0	193.67	36.94	0	140.24
23/11/2024 22:30	11.89	0	77.45	15.43	13.73	0	49.88	15.73	30.21	0	196.83	36.92	0	134.09
23/11/2024 22:35	11.69	0	77.69	15.43	13.16	0	51.83	15.68	29.65	0	196.89	34.67	0	135.64
23/11/2024 22:40	11.96	0	76.41	15.44	13.63	0	50.45	15.72	30.45	0	194.31	36.59	0	135.44
23/11/2024 22:45	12.06	0	77.57	15.43	13.59	0	50.75	15.71	30.65	0	197.12	36.42	0	135.99
23/11/2024 22:50	12.91	0	77.99	15.42	13.32	0	51.86	15.62	32.76	0	197.84	35.11	0	136.53
23/11/2024 22:55	12.63	0	76.65	15.44	13.68	0	51.12	15.68	31.12	0	195.31	36.32	0	135.81
23/11/2024 23:00	12.01	0	77.67	15.43	13.8	0	51.11	15.69	30.51	0	197.32	36.78	0	136.25
23/11/2024 23:05	12.63	0	76.26	15.42	13.38	0	51.08	15.65	32.03	0	193.33	35.42	0	135.07
23/11/2024 23:10	12.58	0	76.1	15.44	13.81	0	49.57	15.75	32.02	0	191.01	37.25	0	133.68
23/11/2024 23:15	12.11	0	77.19	15.42	14.09	0	49.59	15.74	30.75	0	195.96	37.96	0	133.57
23/11/2024 23:20	12.13	0	77.28	15.42	13.24	0	51.64	15.66	30.82	0	196.89	35.17	0	136.96
23/11/2024 23:25	12.04	0	76.16	15.44	13.49	0	50.32	15.77	30.66	0	193.74	36.51	0	136.21
23/11/2024 23:30	11.66	0	77.58	15.43	13.56	0	50.61	15.74	29.62	0	197	36.55	0	136.39
23/11/2024 23:35	12.45	0	77.34	15.42	13.34	0	51.67	15.64	31.57	0	196.12	35.28	0	136.55
23/11/2024 23:40	12.49	0	77.25	15.44	13.5	0	50.66	15.69	31.8	0	193.46	36.02	0	135.19
23/11/2024 23:45	11.96	0	77.42	15.43	13.23	0	50.42	15.68	30.4	0	196.73	35.27	0	134.38
23/11/2024 23:50	12.64	0	78.79	15.42	13.14	0	52.27	15.61	32.05	0	199.7	34.53	0	137.26
23/11/2024 23:55	12.46	0	77.25	15.44	13.56	0	51.43	15.67	31.7	0	196.47	36.08	0	136.79
24/11/2024 00:00	11.88	0	77.59	15.43	13.64	0	51.55	15.67	30.19	0	197.14	36.22	0	136.88
24/11/2024 00:05	12.85	0	77.82	15.42	13.27	0	52.27	15.62	32.27	0	197.52	34.41	0	137.22
24/11/2024 00:10	12.39	0	76.81	15.44	13.49	0	51.59	15.69	31.56	0	195.29	35.99	0	137.6
24/11/2024 00:15	11.94	0	79.12	15.43	13.41	0	52.13	15.68	30.36	0	201.12	35.73	0	138.92
24/11/2024 00:20	11.62	0	78.79	15.42	13.12	0	52.84	15.63	29.46	0	199.68	34.61	0	139.38
24/11/2024 00:25	11.91	0	77.25	15.44	13.42	0	51.77	15.7	30.34	0	195.57	35.57	0	138.32
24/11/2024 00:30	11.73	0	76.34	15.43	13.53	0	52.19	15.7	29.79	0	198.87	36.14	0	139.35
24/11/2024 00:35	12.17	0	78.43	15.42	13.08	0	52.86	15.65	30.88	0	198.92	34.63	0	139.84
24/11/2024 00:40	12.2	0	77.2	15.44	13.36	0	51.13	15.74	31.06	0	196.41	36	0	137.74
24/11/2024 00:45	11.77	0	78.65	15.43	13.38	0	51.02	15.73	29.9	0	199.84	35.95	0	137.11
24/11/2024 00:50	12.62	0	78.54	15.42	13.61	0	52.5	15.67	32.02	0	201.85	34.41	0	140.07
24/11/2024 00:55	12.53	0	77.82	15.44	13.36	0	51.95	15.7	31.91	0	198.02	35.74	0	139
24/11/2024 01:00	11.76	0	77.6	15.43	13.27	0	51.77	15.7	29.87	0	197.03	35.47	0	138.42
24/11/2024 01:05	12.8	0	78.33	15.42	13.16	0	52.35	15.61	32.48	0	198.75	34.58	0	137.43
24/11/2024 01:10	12.04	0	78.86	15.44	13.66	0	51.72	15.68	31.72	0	195.45	36.2	0	137.06
24/11/2024 01:15	11.96	0	78.04	15.43	13.75	0	51.78	15.65	30.38	0	198.23	36.39	0	137.06
24/11/2024 01:20	11.61	0	78.32	15.42	13.06	0	53.05	15.61	29.44	0	198.58	34.35	0	139.4
24/11/2024 01:25	11.9	0	77	15.44	13.57	0	52.27	15.67	30.32	0	195.99	36.05	0	138.87
24/11/2024 01:30	11.89	0	78.89	15.43	13.84	0	52.41	15.66	30.22	0	200.44	36.74	0	139.08
24/11/2024 01:35	12.08	0	78.14	15.42	13.15	0	53.96	15.62	29.64	0	197.58	34.55	0	141.07
24/11/2024 01:40	11.91	0	77.54	15.43	13.32	0	52.64	15.67	30.3	0	197.13	35.38	0	139.86
24/11/2024 01:45	12.07	0	79.21	15.44	13.47	0	52.63	15.67	30.69	0	201.5	35.77	0	139.75
24/11/2024 01:50	12.68	0	78.64	15.42	13.18	0	54.15	15.62	32.19	0	199.61	34.73	0	142.56
24/11/2024 01:55	12.46	0	77.62	15.44	13.39	0	52.62	15.68	31.75	0	197.51	35.68	0	140.2
24/11/2024 02:00	11.77	0	79.01	15.43	13.38	0	52.55	15.68	29.78	0	200.79	35.58	0	139.77
24/11/2024 02:05	13.07	0	78.36	15.43	13.1	0	53.43	15.63	33.22	0	199.09	34.58	0	140.98
24/11/2024 02:10	12.85	0	76.47	15.44	13.42	0	51.94	15.7	32.75	0	194.78	35.86	0	138.82
24/11/2024 02:15	11.95	0	78.44	15.43	13.56	0	52.05	15.7	30.37	0	199.25	36.25	0	139.13
24/11/2024 02:20	13.12	0	78.78	15.42	13.21	0	53.63	15.63	33.23	0	199.31	34.82	0	140.81
24/11/2024 02:25	13.08	0	77.55	15.44	13.59	0	52.04	15.69	33.31	0	197.34	36.28	0	138.97
24/11/2024 02:30	12.18	0	78.43	15.43	13.84	0	52.16	15.69	30.96	0	196.82	36.91	0	139.04
24/11/2024 02:35	12.53	0	78.3	15.42	13.31	0	53.25	15.63	31.77	0	198.59	35.09	0	140.24
24/11/2024 02:40	12.23	0	77.45	15.43	13.66	0	51.65	15.65	31.11	0	196.85	36.4	0	137.67
24/11/2024 02:45	12.11	0	78.72	15.43	13.77	0	51.45	15.68	30.65	0	199.84	36.65	0	139.1
24/11/2024 02:50	12.43	0	79.04	15.42	13.13	0	54.26	15.61	31.49	0	200.31	34.48	0	142.37
24/11/2024 02:55	12.35	0	78.17	15.43	13.33	0	53.39	15.66	31.42	0	198.69	35.37	0	141.7
24/11/2024 03:00	12.17	0	79.87	15.42	13.28	0	54	15.66	30.88	0	202.52	35.23	0	143.23
24/11/2024 03:05	12.09	0	80.91	15.41	13.02	0	54.6	15.61	30.6	0	204.16	34.6	0	143.19
24/11/2024 03:10	12.07	0	79.28	15.43	13.44	0	54.33	15.66	30.66	0	201.24	35.67	0	144.18
24/11/2024 03:15	11.85	0	80	15.42	13.73	0	54.25	15.66	30.06	0	202.9	36.44	0	143.93
24/11/2024 03:20	12.04	0	80.11	15.41	13.17	0	54.44	15.6	30.5	0	202.84	34.54	0	142.66
24/11/2024 03:25	12.19	0	78.53	15.43	13.43	0	53.29	15.66	31.31	0	198.53	35.59	0	141.27
24/11/2024 03:30	12.15	0	78.53	15.42	13.16	0	53.47	15.65	30.82	0	199.18	34.86	0	141.69
24/11/2024 03:35	12.01	0	77.1	15.41	13.1	0	54.26	15.61	30.42	0	195.22	34.43	0	142.47
24/11/2024 03:40	12.13	0	76.03	15.43	13.57	0	52.61	15.67	30.8	0	193	36.07	0	139.79
24/11/2024 03:45	12.26	0	76.72	15.42	13.94	0	52.47	15.66	31.1	0	194.57	36.98	0	139.21
24/11/2024 03:50	13.27	0	76.18	15.41	13.65	0	51.43	15.63	33.43	0	193.33	35.59	0	140.25
24/11/2024 03:55	13.06	0	75.33	15.43	13.69	0	50.32	15.69	33.23	0	191.48	36.49	0	134.18
24/11/2024 04:00	12.27	0	77.61	15.42	13.75	0	50.13	15.69	31.12	0	196.88	36.66	0	133.63
24/11/2024 04:05	13.38	0	77.4	15.42	13.43	0	52.97	15.6	33.91	0	196.18	35.21	0	138.78
24/11/2024 04:10	13.23	0	75.87	15.44	13.6	0	52.35	15.66	33.67	0	192.93	36.04	0	138.75
24/11/2024 04:15	12.23	0	77.94	15.42	13.7	0	52.59	15.67	31.01	0	197.58	34.58	0	139.25
24/11/2024 04:20	12.61	0	77.88	15.42	13.3	0	53.71	15.6	31.95	0	197.39	34.87	0	140.79
24/11/2024 04:25	12.5	0	76.2	15.43	13.5	0	53.24	15.66	31.78	0	193.6	35.78	0	141.12
24/11/2024 04:30	12.41	0	78.58	15.43	13.66	0	53.61	15.65	31.51	0	199.5	36.18	0	142.02
24/11/2024 04:35	11.24	0	78.56	15.41	13.6	0	54.85	15.65	30.79	0	198.79	34.72	0	143.53
24/11/2024 04:40	11.92	0												



Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_Nox@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_Nox@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
24/11/2024 11:45	12.33	0	75.51	15.41	13.5	0	51.23	15.66	31.21	0	191.07	35.82	0	135.93
24/11/2024 11:50	12.97	0	74.83	15.4	13.48	0	53.34	15.6	32.77	0	189.01	35.38	0	139.84
24/11/2024 11:55	13.04	0	73.59	15.4	13.74	0	52.39	15.63	32.69	0	186.39	36.41	0	138.26
24/11/2024 12:00	12.49	0	75.14	15.41	13.7	0	52.88	15.65	31.6	0	190.09	36.27	0	139.95
24/11/2024 12:05	12.64	0	75.04	15.4	13.53	0	52.55	15.62	31.95	0	189.62	35.65	0	138.29
24/11/2024 12:10	12.86	0	73.99	15.42	13.9	0	51.46	15.7	32.62	0	187.55	37.14	0	137.47
24/11/2024 12:15	12.58	0	75.27	15.41	14.58	0	52.55	15.69	31.86	0	190.62	38.91	0	140.25
24/11/2024 12:20	12.16	0	74.45	15.39	13.42	0	52	15.63	30.68	0	187.84	35.61	0	137.85
24/11/2024 12:25	11.95	0	73.34	15.41	13.64	0	50.08	15.74	30.24	0	185.53	36.79	0	135.03
24/11/2024 12:30	12.89	0	73.98	15.41	12.86	0	49.98	15.73	32.61	0	187.16	34.56	0	134.34
24/11/2024 12:35	12.14	0	73.97	15.38	13.21	0	51.41	15.67	30.6	0	186.41	35.15	0	136.67
24/11/2024 12:40	12.22	0	72.36	15.4	13.37	0	49.57	15.67	30.91	0	185.37	36.35	0	134.81
24/11/2024 12:45	12.4	0	75.62	15.4	13.67	0	50.05	15.75	31.33	0	191.03	36.88	0	135
24/11/2024 12:50	13.29	0	74.5	15.38	13.22	0	51.75	15.67	33.49	0	187.68	35.18	0	137.56
24/11/2024 12:55	12.84	0	73.52	15.4	13.31	0	51.26	15.72	32.46	0	185.72	35.75	0	137.58
24/11/2024 13:00	12.29	0	75	15.39	12.61	0	52.09	15.68	31.01	0	189.32	33.58	0	138.75
24/11/2024 13:05	12.2	0	74.03	15.39	13.07	0	52.23	15.63	29.75	0	186.6	34.5	0	137.68
24/11/2024 13:10	12.3	0	72.63	15.41	13.3	0	51.2	15.71	31.14	0	183.74	35.59	0	137.03
24/11/2024 13:15	12.39	0	74.93	15.39	13.73	0	51.52	15.7	31.27	0	189.03	36.69	0	137.62
24/11/2024 13:20	12.7	0	74.64	15.38	12.69	0	52.65	15.65	31.98	0	187.98	33.66	0	139.49
24/11/2024 13:25	12.59	0	73.3	15.4	13.26	0	50.39	15.78	31.83	0	185.19	35.98	0	136.67
24/11/2024 13:30	12.28	0	74.44	15.38	12.67	0	50.58	15.65	30.97	0	189.65	34.67	0	136.51
24/11/2024 13:35	12.71	0	75.47	15.37	13.1	0	51.82	15.68	31.95	0	189.76	34.93	0	137.94
24/11/2024 13:40	12.69	0	73.96	15.4	12.95	0	50.27	15.81	32.1	0	186.84	35.34	0	137.16
24/11/2024 13:45	12.06	0	74.86	15.38	13.25	0	50.63	15.79	30.38	0	188.55	36.04	0	137.88
24/11/2024 13:50	12.14	0	74.88	15.37	13.53	0	51.61	15.83	30.63	0	188.26	36.4	0	137.7
24/11/2024 13:55	12.15	0	74.17	15.4	13.06	0	48.76	15.95	30.75	0	187.33	36.66	0	136.81
24/11/2024 14:00	12.43	0	75.03	15.39	13.5	0	48.13	15.97	31.34	0	189.11	38.03	0	135.57
24/11/2024 14:05	12.71	0	76	15.38	13.18	0	49.17	15.84	31.98	0	191.22	36.25	0	134.99
24/11/2024 14:10	12.4	0	74.61	15.45	12.98	0	43.96	16.42	31.73	0	190.36	40.37	0	136.45
24/11/2024 14:15	12.04	0	75.67	15.38	13.34	0	43.06	16.53	30.33	0	190.68	42.41	0	136.86
24/11/2024 14:20	12.35	0	75.26	15.37	12.74	0	47.59	16.05	31.07	0	189.26	36.72	0	136.36
24/11/2024 14:25	12.13	0	73.78	15.45	12.34	0	45.09	16.36	30.99	0	187.78	37.73	0	137.91
24/11/2024 14:30	12.03	0	75.88	15.39	12.03	0	45.06	16.34	30.32	0	191.33	36.69	0	137.43
24/11/2024 14:35	12.19	0	77.33	15.37	12.55	0	49.62	15.9	30.64	0	194.34	38.09	0	138.26
24/11/2024 14:40	12.12	0	75.23	15.4	13.38	0	48.01	16.05	30.66	0	189.95	38.32	0	137.49
24/11/2024 14:45	11.99	0	76.61	15.39	13.45	0	48.7	15.99	30.21	0	193.1	38.11	0	137.98
24/11/2024 14:50	11.74	0	78.05	15.37	12.8	0	51.1	15.79	29.5	0	196.05	34.88	0	138.78
24/11/2024 14:55	11.7	0	76.3	15.83	13.21	0	48.5	16.36	30.55	0	193.15	37.52	0	137.83
24/11/2024 15:00	12.13	0	75.96	15.39	13.84	0	49.34	16	30.58	0	191.55	39.31	0	140.11
24/11/2024 15:05	11.99	0	76.94	15.37	12.84	0	49.11	15.9	30.17	0	193.52	35.75	0	136.5
24/11/2024 15:10	11.99	0	75.38	15.42	12.79	0	45.58	16.3	30.47	0	191.02	38.69	0	137.82
24/11/2024 15:15	12.07	0	76.41	15.4	12.58	0	45.8	16.28	30.53	0	193.21	37.85	0	137.82
24/11/2024 15:20	12.47	0	75.83	15.4	13.07	0	45.2	16.9	31.1	0	194.3	36.4	0	139.26
24/11/2024 15:25	12.19	0	74.84	15.44	12.74	0	46.32	16.21	31.1	0	190.39	37.76	0	137.29
24/11/2024 15:30	11.97	0	76.86	15.41	12.63	0	46.22	16.25	30.3	0	194.59	37.74	0	138.16
24/11/2024 15:35	11.85	0	79.34	15.39	12.22	0	49.71	16.03	29.92	0	200.31	35	0	141.63
24/11/2024 15:40	11.7	0	77.99	15.45	12.29	0	45.25	16.55	29.69	0	198.71	39.02	0	144.59
24/11/2024 15:45	11.73	0	78.15	15.41	11.78	0	48.83	16.58	29.78	0	197.85	38.59	0	144.59
24/11/2024 15:50	11.94	0	78.92	15.4	12.36	0	50.52	15.99	30.17	0	199.36	35.1	0	142.86
24/11/2024 15:55	11.9	0	77.47	15.45	12.31	0	46.58	16.38	30.41	0	197.17	37.86	0	143.17
24/11/2024 16:00	11.64	0	78.23	15.41	13.22	0	46.58	16.39	29.47	0	198.14	40.72	0	143.48
24/11/2024 16:05	11.73	0	77.68	15.4	12.45	0	51.51	16.45	29.61	0	199.14	34.59	0	143.86
24/11/2024 16:10	11.49	0	76.31	15.44	12.12	0	48.37	16.17	29.27	0	194.03	35.62	0	142.17
24/11/2024 16:15	11.43	0	77.59	15.41	11.48	0	48.39	16.18	28.97	0	196.61	33.85	0	142.64
24/11/2024 16:20	11.85	0	78.59	15.41	11.98	0	52.61	15.82	29.99	0	198.85	32.84	0	143.93
24/11/2024 16:25	11.7	0	77.25	15.45	13.3	0	51.12	16.03	29.12	0	197.3	37.52	0	145.29
24/11/2024 16:30	11.13	0	79.85	15.41	13.3	0	51.14	16.03	28.21	0	202.3	37.93	0	145.86
24/11/2024 16:35	11.35	0	78.83	15.4	12.66	0	54.51	15.8	28.66	0	199.16	34.6	0	148.5
24/11/2024 16:40	11.68	0	77.49	15.44	12.76	0	50.06	16.12	29.83	0	197.2	37.12	0	145.5
24/11/2024 16:45	11.62	0	79.55	15.42	13.39	0	49.36	16.17	29.46	0	201.68	39.38	0	145.16
24/11/2024 16:50	12.1	0	78.50	15.41	12.57	0	53.21	15.88	30.65	0	199.06	34.97	0	147.1
24/11/2024 16:55	11.79	0	77.21	15.47	12.41	0	50.08	16.15	30.2	0	197.23	36.32	0	146.5
24/11/2024 17:00	11.79	0	78.63	15.42	12.25	0	49.2	16.21	29.92	0	199.53	36.31	0	145.86
24/11/2024 17:05	11.35	0	77.71	15.41	12.73	0	56.16	15.63	28.74	0	196.74	33.62	0	147.91
24/11/2024 17:10	11.32	0	76.18	15.42	13.68	0	56.43	15.54	28.72	0	193.73	35.45	0	146.86
24/11/2024 17:15	11.69	0	78.8	15.42	13.64	0	56.09	15.53	29.86	0	199.36	35.34	0	145.31
24/11/2024 17:20	12.27	0	78.78	15.42	13.09	0	55.93	15.62	31.11	0	199.69	34.48	0	147.24
24/11/2024 17:25	12.38	0	77.33	15.45	13.41	0	55.18	15.81	31.61	0	197.07	36.53	0	150.3
24/11/2024 17:30	11.78	0	78.74	15.42	13.91	0	55.56	15.8	29.9	0	199.85	37.97	0	151.71
24/11/2024 17:35	11.7	0	77.93	15.4	12.86	0	55.32	15.72	29.07	0	199.37	34.58	0	148.59
24/11/2024 17:40	11.13	0	76.72	15.44	13.17	0	52.24	15.91	28.4	0	195.29	36.7	0	145.57
24/11/2024 17:45	11.77	0	78.66	15.43	13.13	0	51.56	15.92	28.89	0	199.79	36.61	0	143.84
24/11/2024 17:50	11.69	0	78.49	15.41	12.99	0	53.82	15.8	29.6	0	198.83	35.45	0	146.72
24/11/2024 17:55	11.77	0	77.51	15.44	13.51	0	52.62	15.95	30.02	0	197.3	37.92	0	147.71
24/11/2024 18:00	11.86	0	78.8	15.43	14.02	0	58.7	15.92	30.12	0	199.13	39.13	0	148.17
24/11/2024 18:05	12.92	0	79.73	15.42	13.08	0	54.29	15.85	32.78	0	202.26	36.02	0	149.21
24/11/2024 18:10	12.73	0	78.9	15.45	13.06	0	52.15	16.02	32.5	0	201.11	37.18	0	148.43
24/11/2024 18:15	11.37	0	79.76	15.42	12.81	0	52.63	15.6	28.84	0	202.37	36.32	0	149.19
24/11/2024 18:20	11.73	0	78.67	15.41	12.83	0	55.31	15.71	29.17	0	201.87	36.53	0	150.73
24/11/2024 18:25	11.6	0	78.53	15.44	13.3									



Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_Nox@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_Nox@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
25/11/2024 01:30	11.16	0	81.59	15.38	13.22	0	54.38	15.78	26.11	0	205.58	35.92	0	147.75
25/11/2024 01:35	11.32	0	81.46	15.37	12.77	0	54.74	15.71	28.47	0	204.88	34.24	0	146.6
25/11/2024 01:40	11.45	0	79.49	15.4	13.02	0	52.62	15.79	20.64	0	200.46	35.4	0	143.6
25/11/2024 01:45	12.04	0	78.62	15.4	13.06	0	52.23	15.77	30.41	0	198.52	35.37	0	141.45
25/11/2024 01:50	11.31	0	78.22	15.38	12.75	0	52.89	15.71	28.48	0	196.9	34.18	0	141.58
25/11/2024 01:55	11.4	0	77.36	15.4	13.19	0	51.84	15.79	28.82	0	195.38	35.92	0	141.15
25/11/2024 02:00	11.84	0	79.06	15.39	13.38	0	52.34	15.75	29.9	0	199.57	36.08	0	143.19
25/11/2024 02:05	12.6	0	78.8	15.39	12.7	0	53.07	15.77	31.32	0	198.71	34.47	0	143.15
25/11/2024 02:10	12.36	0	77.86	15.42	13.04	0	52.53	15.83	31.35	0	197.25	35.72	0	141.87
25/11/2024 02:15	11.52	0	79.71	15.39	13.14	0	52.83	15.79	29.08	0	201.23	35.75	0	143.72
25/11/2024 02:20	12.15	0	81.46	15.39	12.85	0	54.41	15.7	30.64	0	205.46	34.38	0	145.33
25/11/2024 02:25	11.91	0	80.7	15.42	12.73	0	54.42	15.73	24.43	0	203.83	34.83	0	151.4
25/11/2024 02:30	11.1	0	81.9	15.39	12.64	0	55.03	15.77	28.02	0	206.65	34.23	0	149.03
25/11/2024 02:35	11.64	0	82.8	15.38	12.32	0	57.26	15.69	29.3	0	208.49	32.89	0	152.64
25/11/2024 02:40	11.62	0	82.11	15.41	12.6	0	57.11	15.77	29.42	0	207.6	34.16	0	154.87
25/11/2024 02:45	10.74	0	83.61	15.39	12.78	0	57.58	15.75	27.11	0	210.93	34.52	0	155.5
25/11/2024 02:50	12.41	0	83.18	15.39	12.46	0	57.41	15.69	31.32	0	209.91	33.49	0	153.02
25/11/2024 02:55	12.08	0	81.83	15.41	12.77	0	55.63	15.77	30.61	0	207.08	34.58	0	150.6
25/11/2024 03:00	10.95	0	82.79	15.39	13.11	0	55.86	15.74	27.61	0	208.76	35.34	0	150.58
25/11/2024 03:05	11.23	0	82.75	15.38	12.47	0	55.87	15.68	28.27	0	208.28	33.22	0	148.67
25/11/2024 03:10	11.53	0	80.72	15.4	13.06	0	54	15.75	29.18	0	204.03	35.25	0	145.79
25/11/2024 03:15	11.63	0	80.06	15.38	13.14	0	53.83	15.72	25.63	0	201.85	35.24	0	144.36
25/11/2024 03:20	11.85	0	80.42	15.38	12.83	0	53.68	15.68	29.84	0	202.57	34.19	0	142.9
25/11/2024 03:25	11.95	0	78.92	15.41	13.29	0	52.57	15.76	30.27	0	199.66	35.94	0	142.13
25/11/2024 03:30	11.84	0	79.54	15.39	13.48	0	52.61	15.74	29.87	0	200.76	36.34	0	141.78
25/11/2024 03:35	11.67	0	80.04	15.38	12.86	0	54.87	15.75	29.4	0	201.22	34.47	0	143.7
25/11/2024 03:40	11.45	0	79.47	15.4	13.14	0	54.28	15.73	28.96	0	200.82	35.35	0	146
25/11/2024 03:45	11.26	0	81.94	15.39	13.2	0	54.92	15.71	26.43	0	206.85	35.36	0	147.08
25/11/2024 03:50	11.93	0	82.5	15.39	12.48	0	56.8	15.68	30.09	0	208.12	33.25	0	151.16
25/11/2024 03:55	11.75	0	81.83	15.41	12.71	0	55.85	15.78	29.77	0	207.11	34.49	0	151.57
25/11/2024 04:00	10.71	0	84.02	15.35	12.53	0	56.55	15.75	27.01	0	211.36	33.51	0	152.56
25/11/2024 04:05	11.58	0	84.85	15.39	12.38	0	58.08	15.68	29.18	0	213.89	32.98	0	154.51
25/11/2024 04:10	11.61	0	83.46	15.41	12.79	0	56.23	15.77	29.4	0	211.08	34.68	0	152.5
25/11/2024 04:15	11.19	0	82.68	15.39	12.84	0	56.48	15.75	28.23	0	208.56	34.69	0	152.55
25/11/2024 04:20	11.11	0	83.07	15.37	12.46	0	56.97	15.73	27.93	0	209.97	34.92	0	151.4
25/11/2024 04:25	11.28	0	81.09	15.4	13.21	0	53.59	15.78	28.51	0	204.7	35.84	0	145.44
25/11/2024 04:30	11.78	0	79.48	15.39	13.59	0	53.33	15.74	29.7	0	200.34	36.63	0	143.72
25/11/2024 04:35	12.02	0	79.37	15.37	12.82	0	53.42	15.72	30.24	0	199.65	34.42	0	143.16
25/11/2024 04:40	11.83	0	79.82	15.4	13.11	0	51.48	15.68	29.49	0	198.58	35.9	0	141.08
25/11/2024 04:45	11.77	0	78.24	15.38	13.11	0	51.81	15.81	29.61	0	196.93	35.8	0	141.47
25/11/2024 04:50	12.34	0	78.09	15.37	13.02	0	52.51	15.68	31.01	0	196.23	34.71	0	139.79
25/11/2024 04:55	12.36	0	77.04	15.39	13.4	0	51.32	15.77	31.22	0	194.37	36.32	0	139.13
25/11/2024 05:00	11.91	0	78.99	15.39	13.63	0	51.45	15.74	30.03	0	199.16	36.73	0	138.71
25/11/2024 05:05	11.59	0	77.83	15.37	12.94	0	53.22	15.7	29.12	0	195.11	34.22	0	142.05
25/11/2024 05:10	11.45	0	77.35	15.39	12.9	0	53.18	15.82	28.9	0	195.01	35.26	0	145.42
25/11/2024 05:15	11.51	0	81.37	15.38	12.98	0	53.42	15.79	28.97	0	204.85	35.32	0	145.33
25/11/2024 05:20	12.35	0	83.02	15.37	12.43	0	55.94	15.69	31.05	0	208.74	33.18	0	149.36
25/11/2024 05:25	11.88	0	82.29	15.39	12.84	0	55.11	15.78	29.98	0	207.52	34.83	0	149.51
25/11/2024 05:30	10.96	0	85.74	15.38	12.83	0	55.47	15.75	27.58	0	210.67	34.61	0	149.67
25/11/2024 05:35	11.79	0	82.94	15.37	12.43	0	57.19	15.67	29.65	0	208.53	33.04	0	151.89
25/11/2024 05:40	11.71	0	81.15	15.39	12.82	0	57.08	15.75	29.58	0	204.71	34.6	0	154.03
25/11/2024 05:45	11.28	0	83.91	15.38	13	0	57.56	15.73	28.43	0	211.39	34.94	0	154.71
25/11/2024 05:50	11.13	0	81.67	15.37	12.5	0	58.23	15.67	29.44	0	208.44	33.03	0	153.57
25/11/2024 05:55	11.15	0	80.38	15.39	12.91	0	55.9	15.7	28.16	0	202.71	34.52	0	149.5
25/11/2024 06:00	11.42	0	80.72	15.38	13	0	56.2	15.69	28.74	0	203.1	34.68	0	149.92
25/11/2024 06:05	11.81	0	79.54	15.36	12.83	0	55.48	15.62	29.66	0	199.68	33.8	0	146
25/11/2024 06:10	11.71	0	77.82	15.39	13.32	0	52.82	15.63	29.25	0	196.13	35.65	0	141.7
25/11/2024 06:15	11.82	0	79	15.38	13.56	0	52.75	15.68	28.74	0	198.32	36.7	0	140.33
25/11/2024 06:20	12.37	0	79.33	15.37	13.08	0	53.89	15.65	31.1	0	199.48	34.61	0	142.55
25/11/2024 06:25	12.24	0	78	15.4	13.39	0	52.43	15.73	30.95	0	196.9	36.02	0	141.01
25/11/2024 06:30	12.01	0	78.38	15.38	13.63	0	52.73	15.72	30.23	0	197.26	36.53	0	141.39
25/11/2024 06:35	12.61	0	78.07	15.37	13.2	0	54.72	15.67	29.68	0	198.75	34.42	0	145.92
25/11/2024 06:40	12.56	0	78.12	15.39	13.17	0	54.77	15.6	31.67	0	196.92	34.56	0	143.72
25/11/2024 06:45	11.76	0	79.68	15.39	13.22	0	55.27	15.6	29.64	0	200.85	34.67	0	144.94
25/11/2024 06:50	12.36	0	80.93	15.38	12.78	0	56.03	15.62	31.12	0	203.8	33.65	0	147.44
25/11/2024 06:55	12.09	0	79.89	15.4	12.82	0	55.83	15.73	30.18	0	201.88	34.45	0	145.8
25/11/2024 07:00	11.18	0	81.45	15.38	12.64	0	56.31	15.72	28.17	0	205.23	33.91	0	151.07
25/11/2024 07:05	11.78	0	81.99	15.38	12.17	0	58.4	15.68	29.65	0	206.36	32.41	0	155.39
25/11/2024 07:10	11.62	0	80.76	15.4	12.35	0	56.66	15.78	29.37	0	203.99	33.51	0	153.77
25/11/2024 07:15	11.32	0	82.06	15.39	12.23	0	56.38	15.76	28.53	0	206.92	33.08	0	152.44
25/11/2024 07:20	12.18	0	81.84	15.39	12.19	0	56.45	15.75	29.65	0	206.45	32.45	0	152.9
25/11/2024 07:25	11.92	0	80.57	15.4	12.55	0	56.8	15.77	30.16	0	203.67	34.02	0	153.98
25/11/2024 07:30	11.37	0	79.91	15.39	12.73	0	56.73	15.73	28.66	0	201.45	34.25	0	152.57
25/11/2024 07:35	12.05	0	80.56	15.37	12.81	0	55.79	15.69	30.32	0	202.67	34.19	0	148.75
25/11/2024 07:40	12.02	0	78.64	15.4	13.01	0	53.92	15.79	30.41	0	198.74	35.4	0	146.7
25/11/2024 07:45	11.77	0	78.06	15.38	13	0	54.38	15.73	29.3	0	196.9	35.19	0	147.57
25/11/2024 07:50	12.93	0	78.06	15.39	12.94	0	54.05	15.69	32.6	0	196.77	34.82	0	144.07
25/11/2024 07:55	12.81	0	76.72	15.41	13.36	0	51.92	15.8	32.42	0	193.99	36.37	0	141.38
25/11/2024 08:00	12.17	0	77.4	15.39	13.41	0	52.44	15.77	30.7	0	195.25	36.33	0	142.09
25/11/2024 08:05	12.31	0	78.11	15.37	12.81	0	54.54	15.68	30.65	0	194.17	34.47	0	144.37
25/11/2024 08:10	12.15	0	77.45	15.										



Site BCAP Period: 01/11/2024 00:00-30/11/2024 23:59 Type: AVG														
Date & Time	Stack1_N0x	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_N0x	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_N0x@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_N0x@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
25/11/2024 15:15	11.21	0	79.51	15.15	11.31	0	43.23	16.58	27.09	0	192.12	36.38	0	139.05
25/11/2024 15:20	11.74	0	79.45	15.13	11.77	0	48.11	16.08	28.26	0	191.3	34.09	0	138.7
25/11/2024 15:25	11.21	0	77.42	15.21	11.45	0	43.9	16.42	26.9	0	188.59	36.59	0	136.65
25/11/2024 15:30	11.58	0	77.16	15.14	11.47	0	42.89	16.51	27.94	0	186.21	36.28	0	135.69
25/11/2024 15:35	11.69	0	76.62	15.12	12.08	0	47.93	16.01	28.12	0	184.37	34.4	0	134.5
25/11/2024 15:40	11.61	0	74.68	15.24	11.76	0	41.43	16.63	28.69	0	182.99	38.25	0	134.75
25/11/2024 15:45	11.56	0	77.81	15.15	11.83	0	41.08	16.68	27.92	0	187.94	38.96	0	135.29
25/11/2024 15:50	11.33	0	78.07	15.13	11.81	0	46.16	16.21	28.23	0	188.13	35.33	0	136.23
25/11/2024 15:55	11.74	0	75.99	15.26	11.34	0	38.5	16.94	29.12	0	188.89	39.85	0	135.21
25/11/2024 16:00	11.59	0	78	15.16	11.27	0	37.83	17.03	28.06	0	188.89	40.43	0	135.75
25/11/2024 16:05	12.23	0	77.52	15.14	11.93	0	46.14	16.26	29.53	0	187.21	35.98	0	139.99
25/11/2024 16:10	11.26	0	75.86	15.23	11.09	0	35.83	17.09	28.27	0	186.4	37.97	0	134.18
25/11/2024 16:15	11.69	0	78.14	15.16	10.58	0	39.05	16.93	28.32	0	189.36	36.99	0	133.04
25/11/2024 16:20	12	0	77.96	15.14	11.64	0	45.49	16.25	28.97	0	188.23	34.97	0	135.55
25/11/2024 16:25	11.81	0	75.61	15.29	11.21	0	38.57	16.92	29.44	0	186.54	39.18	0	134.76
25/11/2024 16:30	11.91	0	77.57	15.17	11.14	0	37.89	16.97	28.88	0	188.09	39.42	0	134.08
25/11/2024 16:35	12.42	0	78.59	15.16	12	0	44.38	16.32	30.05	0	185.37	36.61	0	134.32
25/11/2024 16:40	12.15	0	74.55	15.24	11.67	0	40.8	16.69	29.9	0	183.04	38.55	0	134.79
25/11/2024 16:45	11.67	0	78.12	15.18	11.44	0	39.78	16.78	28.33	0	189.67	38.61	0	134.31
25/11/2024 16:50	11.18	0	78.08	15.15	12.21	0	47.78	16.01	27.05	0	188.91	34.81	0	135.55
25/11/2024 16:55	11.25	0	78.9	15.23	12.13	0	44.94	16.33	27.69	0	187.9	36.88	0	136.59
25/11/2024 17:00	11.67	0	78.54	15.18	12.22	0	44.78	16.33	28.89	0	191.9	37.19	0	136.23
25/11/2024 17:05	12.42	0	78	15.17	13.14	0	54.16	15.45	30.12	0	189.14	33.66	0	138.08
25/11/2024 17:10	12.39	0	77.05	15.19	13.86	0	55.25	15.3	30.13	0	187.37	34.42	0	137.19
25/11/2024 17:15	11.67	0	78.76	15.18	13.98	0	54.81	15.3	28.39	0	191.52	34.74	0	136.17
25/11/2024 17:20	12.21	0	78.27	15.17	13.27	0	54.65	15.38	28.89	0	188.8	34.79	0	137.65
25/11/2024 17:25	12.14	0	77.45	15.2	13.55	0	52.39	15.56	29.65	0	188.84	35.27	0	136.36
25/11/2024 17:30	11.45	0	79	15.19	13.5	0	52.66	15.56	27.89	0	192.44	35.15	0	137.09
25/11/2024 17:35	11.9	0	79.66	15.18	13.01	0	53.41	15.51	28.93	0	193.64	33.57	0	137.59
25/11/2024 17:40	12.02	0	77.77	15.22	13.38	0	50.04	15.75	29.46	0	190.22	36.12	0	135.09
25/11/2024 17:45	12.01	0	77.4	15.2	13.72	0	50.67	15.73	28.53	0	188.76	38.67	0	136.15
25/11/2024 17:50	12.21	0	77.47	15.18	13.21	0	52.82	15.57	29.69	0	188.36	34.5	0	137.82
25/11/2024 17:55	12.08	0	77.3	15.21	13.25	0	51.45	15.72	29.55	0	188.84	35.58	0	138.13
25/11/2024 18:00	11.28	0	80.48	15.19	13.28	0	51.58	15.72	27.46	0	196	35.61	0	138.29
25/11/2024 18:05	12.43	0	78.34	15.19	13.34	0	53.14	15.72	29.4	0	190.58	34.14	0	136.55
25/11/2024 18:10	12.54	0	77.06	15.22	13.67	0	50.62	15.65	30.69	0	188.36	36.17	0	133.96
25/11/2024 18:15	11.53	0	78.79	15.2	13.89	0	50.25	15.63	28.09	0	191.99	36.61	0	132.45
25/11/2024 18:20	12.48	0	80.41	15.19	13.11	0	54.66	15.51	30.38	0	195.73	33.81	0	140.71
25/11/2024 18:25	12.57	0	79.07	15.22	13.1	0	54.08	15.68	30.38	0	193.88	34.79	0	140.38
25/11/2024 18:30	11.45	0	79.63	15.2	13.28	0	52.94	15.64	27.9	0	194.1	35.07	0	139.78
25/11/2024 18:35	11.98	0	79.19	15.19	12.93	0	54.83	15.49	29.15	0	192.7	33.26	0	140.88
25/11/2024 18:40	11.83	0	78.51	15.21	13.05	0	53.55	15.61	28.92	0	191.74	34.3	0	140.77
25/11/2024 18:45	11.25	0	80.35	15.19	13.23	0	53.88	15.6	27.41	0	195.68	34.71	0	141.29
25/11/2024 18:50	11.48	0	79.5	15.18	12.87	0	53.6	15.46	27.62	0	193.12	33.68	0	142.52
25/11/2024 18:55	11.58	0	78.44	15.21	13.12	0	53.33	15.59	28.28	0	191.38	34.32	0	139.48
25/11/2024 19:00	11.49	0	79.67	15.2	13.05	0	53.41	15.56	28.02	0	194.31	33.95	0	138.96
25/11/2024 19:05	11.74	0	79.56	15.19	13.05	0	54.38	15.5	28.58	0	193.65	33.59	0	140
25/11/2024 19:10	11.86	0	78.1	15.22	13.57	0	50.86	15.62	29.04	0	190.86	35.73	0	133.97
25/11/2024 19:15	11.58	0	79.06	15.2	13.77	0	50.89	15.65	28.23	0	192.23	35.77	0	134.02
25/11/2024 19:20	11.13	0	80.51	15.18	13.06	0	54.41	15.46	27.02	0	195.53	33.41	0	139.93
25/11/2024 19:25	11.26	0	79.62	15.2	13.3	0	54.17	15.55	27.48	0	194.08	34.54	0	140.65
25/11/2024 19:30	11.54	0	80.18	15.21	13.2	0	54.69	15.53	28.19	0	195.86	34.15	0	141.47
25/11/2024 19:35	11.96	0	80.58	15.2	12.91	0	55.84	15.52	28.84	0	196.48	33.08	0	142.82
25/11/2024 19:40	11.89	0	79.31	15.23	13.11	0	54.15	15.58	29.14	0	194.21	34.23	0	141.4
25/11/2024 19:45	11.47	0	81.19	15.21	12.91	0	54.42	15.56	28.02	0	198.29	33.59	0	141.64
25/11/2024 19:50	11.03	0	80.79	15.19	12.57	0	55.82	15.46	28.66	0	196.73	32.14	0	142.58
25/11/2024 19:55	11.16	0	80.17	15.21	13.13	0	54.1	15.13	28.91	0	195.91	34.18	0	140.55
25/11/2024 20:00	11.44	0	81.27	15.22	13.2	0	53.81	15.25	27.98	0	198.78	34.31	0	139.85
25/11/2024 20:05	11.03	0	81.33	15.2	12.67	0	55.52	15.47	26.91	0	198.33	32.44	0	141.95
25/11/2024 20:10	11.06	0	79.72	15.23	12.87	0	55.02	15.57	27.11	0	195.21	33.54	0	143.4
25/11/2024 20:15	11.26	0	80.97	15.22	12.84	0	55.5	15.55	27.55	0	198.16	33.37	0	144.2
25/11/2024 20:20	12.24	0	80.82	15.21	12.64	0	55.92	15.47	29.81	0	197.52	32.4	0	143.72
25/11/2024 20:25	12.11	0	79.83	15.23	12.97	0	54.25	15.55	29.7	0	195.73	33.73	0	141.06
25/11/2024 20:30	11.48	0	81.5	15.22	12.97	0	54.38	15.55	28.1	0	199.36	33.67	0	141.19
25/11/2024 20:35	11.73	0	81.1	15.21	12.69	0	56.07	15.45	28.63	0	198.02	32.4	0	143.15
25/11/2024 20:40	11.62	0	79.58	15.23	13.01	0	54.58	15.54	28.52	0	195.13	33.3	0	141.5
25/11/2024 20:45	10.92	0	82.38	15.22	12.98	0	54.88	15.52	28.5	0	201.46	33.67	0	141.87
25/11/2024 20:50	11.67	0	81.84	15.2	12.62	0	56.64	15.46	28.44	0	199.5	32.29	0	144.87
25/11/2024 20:55	11.6	0	80.9	15.22	13.09	0	55.19	15.57	28.41	0	197.91	34.12	0	143.89
25/11/2024 21:00	11.1	0	81.9	15.21	13.52	0	55.17	15.55	28.88	0	200.17	35.12	0	143.34
25/11/2024 21:05	10.96	0	81.25	15.19	12.65	0	57.28	15.45	27.28	0	197.92	32.32	0	146.38
25/11/2024 21:10	10.99	0	80.24	15.22	12.7	0	56.3	15.55	26.9	0	196.17	33.01	0	146.37
25/11/2024 21:15	11.42	0	81.23	15.21	12.52	0	56.08	15.55	27.92	0	198.54	32.51	0	145.66
25/11/2024 21:20	12.09	0	81.63	15.22	12.55	0	56.84	15.45	29.52	0	199.2	32.01	0	144.9
25/11/2024 21:25	12.05	0	80.76	15.22	13.23	0	55.7	15.54	29.51	0	197.69	34.28	0	144.34
25/11/2024 21:30	11.09	0	82.3	15.21	13.7	0	55.81	15.53	27.09	0	201.16	34.1	0	144.17
25/11/2024 21:35	11.38	0	82.05	15.2	12.59	0	57.58	15.44	27.72	0	199.93	32.08	0	146.49
25/11/2024 21:40	11.33	0	80.82	15.22	12.89	0	56.09	15.52	27.73	0	197.62	33.3	0	144.9
25/11/2024 21:45	11.05	0	82.66	15.21	12.84	0	56.69	15.52	26.99	0	201.89	33.17	0	146.38
25/11/2024 21:50	11.57	0	82.33	15.2	12.91	0	57.97	15.43	2					



Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_Nox@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_Nox@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
26/11/2024 05:00	10.71	0	84.22	15.21	12.91	0	58.67	15.44	26.18	0	205.85	32.85	0	149.34
26/11/2024 05:05	11.35	0	85.06	15.2	12.44	0	59.66	15.38	27.68	0	207.43	31.36	0	150.29
26/11/2024 05:10	11.23	0	83.61	15.23	12.65	0	58.91	15.45	26.91	0	204.55	32.24	0	150.23
26/11/2024 05:15	10.94	0	83.97	15.22	12.77	0	58.44	15.45	26.78	0	205.45	32.54	0	148.96
26/11/2024 05:20	11.13	0	83.89	15.21	12.18	0	60.04	15.39	27.18	0	204.82	30.77	0	151.52
26/11/2024 05:25	11.18	0	83.06	15.22	12.68	0	59.37	15.45	27.38	0	203.36	32.36	0	151.54
26/11/2024 05:30	11.1	0	83.78	15.22	12.81	0	59.84	15.45	27.18	0	205.1	32.66	0	152.54
26/11/2024 05:35	11.66	0	84.51	15.21	12.42	0	60.22	15.42	28.48	0	201.06	31.4	0	149.03
26/11/2024 05:40	11.73	0	83.37	15.23	12.7	0	58.84	15.45	28.75	0	204.18	32.42	0	150.18
26/11/2024 05:45	10.94	0	83.73	15.22	12.67	0	58.97	15.45	26.79	0	204.95	32.31	0	150.35
26/11/2024 05:50	11.53	0	84.26	15.21	12.41	0	60.27	15.38	28.18	0	205.89	31.28	0	151.75
26/11/2024 05:55	11.53	0	83.37	15.23	12.97	0	57.77	15.44	27.23	0	204.22	32	0	147.02
26/11/2024 06:00	11.23	0	83.09	15.22	12.91	0	57.63	15.43	27.49	0	203.35	32.81	0	146.51
26/11/2024 06:05	12.42	0	83.35	15.21	12.63	0	59.32	15.38	30.35	0	203.7	31.82	0	149.39
26/11/2024 06:10	12.1	0	81.54	15.23	12.92	0	57.76	15.44	29.65	0	199.75	32.9	0	147.05
26/11/2024 06:15	11.38	0	82.86	15.23	12.66	0	57.92	15.44	27.89	0	203.13	32.21	0	147.43
26/11/2024 06:20	11.37	0	82.22	15.22	12.46	0	59.22	15.38	27.65	0	201.06	31.4	0	149.03
26/11/2024 06:25	11.48	0	80.88	15.24	12.99	0	57.72	15.44	28.17	0	198.42	33.06	0	146.88
26/11/2024 06:30	11.68	0	81.72	15.23	13.2	0	57.67	15.44	28.62	0	200.28	33.6	0	146.75
26/11/2024 06:35	11.96	0	81.27	15.21	12.78	0	58.02	15.39	29.22	0	198.54	32.22	0	146.21
26/11/2024 06:40	11.83	0	80.04	15.23	12.97	0	57.18	15.45	29	0	196.07	33.08	0	145.82
26/11/2024 06:45	11.19	0	82.62	15.23	13.09	0	57.41	15.45	27.42	0	196.51	33.37	0	146.25
26/11/2024 06:50	12.23	0	82.78	15.21	12.65	0	58.78	15.4	29.91	0	202.4	31.99	0	148.64
26/11/2024 06:55	12.08	0	81.63	15.23	12.95	0	57.23	15.47	29.63	0	200.18	33.12	0	146.35
26/11/2024 07:00	11.53	0	82.76	15.23	13.05	0	57.14	15.47	28.25	0	202.78	33.37	0	146.15
26/11/2024 07:05	12.38	0	82.57	15.22	12.61	0	58.45	15.47	30.32	0	204.37	33.28	0	147.33
26/11/2024 07:10	12.2	0	82.5	15.24	12.91	0	57.78	15.48	29.94	0	202.42	33.1	0	148.13
26/11/2024 07:15	11.3	0	83.12	15.23	12.75	0	57.95	15.47	27.69	0	203.67	32.61	0	148.23
26/11/2024 07:20	11.34	0	83.21	15.22	12.41	0	58.89	15.41	27.74	0	203.47	31.44	0	149.08
26/11/2024 07:25	11.41	0	81.76	15.24	12.83	0	57.83	15.47	28.01	0	199.75	32.84	0	148.02
26/11/2024 07:30	11.38	0	81.77	15.22	12.98	0	57.7	15.47	27.07	0	200.24	33.21	0	147.55
26/11/2024 07:35	12.02	0	81.45	15.21	12.72	0	58.67	15.39	29.39	0	199.1	32.12	0	148.02
26/11/2024 07:40	12.05	0	80.41	15.24	12.91	0	57.16	15.45	29.57	0	197.22	32.95	0	145.86
26/11/2024 07:45	11.41	0	81.85	15.23	13.06	0	56.8	15.45	27.95	0	200.49	33.32	0	144.86
26/11/2024 07:50	11.75	0	81.75	15.21	12.66	0	57.84	15.45	29.03	0	204.03	31.97	0	145.37
26/11/2024 07:55	11.64	0	81.71	15.22	13.05	0	56.88	15.46	28.51	0	200.03	33.37	0	145.42
26/11/2024 08:00	11.35	0	82.16	15.22	13.06	0	57.31	15.46	27.79	0	201.09	33.39	0	146.51
26/11/2024 08:05	12.02	0	81.11	15.22	12.69	0	57.85	15.41	29.4	0	198.34	32.13	0	146.34
26/11/2024 08:10	11.98	0	80.23	15.23	12.98	0	57.29	15.48	29.24	0	196.23	33.28	0	146.84
26/11/2024 08:15	11.29	0	81.16	15.23	12.98	0	57.48	15.48	27.66	0	198.83	33.31	0	147.46
26/11/2024 08:20	11.7	0	82.48	15.21	12.63	0	58.16	15.42	28.58	0	201.49	32.02	0	147.33
26/11/2024 08:25	11.85	0	81.09	15.23	13.02	0	56.85	15.48	29.07	0	198.81	33.37	0	145.76
26/11/2024 08:30	11.44	0	81.66	15.23	13.11	0	57.38	15.46	28.03	0	200.03	33.52	0	146.71
26/11/2024 08:35	12.09	0	81.17	15.22	12.77	0	57.98	15.41	29.54	0	198.54	32.37	0	146.37
26/11/2024 08:40	12.07	0	79.5	15.23	13.23	0	56.94	15.47	29.62	0	194.99	33.88	0	145.88
26/11/2024 08:45	11.27	0	81.65	15.22	13.31	0	57.06	15.47	27.58	0	199.92	34.09	0	146.12
26/11/2024 08:50	11.69	0	81.21	15.21	12.85	0	57.23	15.41	28.57	0	198.49	32.52	0	144.74
26/11/2024 08:55	11.68	0	80.26	15.23	13.26	0	55.8	15.46	28.64	0	196.58	33.86	0	143.5
26/11/2024 09:00	11.52	0	81.45	15.21	13.58	0	56.11	15.48	28.16	0	198.35	34.59	0	142.94
26/11/2024 09:05	11.4	0	81.89	15.19	12.81	0	56.72	15.38	27.77	0	199.45	32.3	0	142.88
26/11/2024 09:10	11.39	0	80.74	15.21	13.14	0	55.24	15.45	27.84	0	197.17	33.51	0	140.9
26/11/2024 09:15	11.16	0	80.51	15.21	13.36	0	55.67	15.45	27.27	0	196.8	34.04	0	141.87
26/11/2024 09:20	11.54	0	81.54	15.2	12.83	0	56.66	15.46	28.1	0	196.92	32.47	0	143.3
26/11/2024 09:25	11.66	0	80.45	15.23	12.85	0	55.5	15.48	28.58	0	197.01	32.99	0	142.45
26/11/2024 09:30	11.19	0	81.1	15.23	12.72	0	55.33	15.48	27.43	0	196.8	32.61	0	141.84
26/11/2024 09:35	11.3	0	80.96	15.22	12.4	0	56.48	15.44	27.67	0	198.15	31.57	0	143.7
26/11/2024 09:40	11.32	0	79.63	15.24	12.84	0	54.98	15.52	27.83	0	195.54	33.19	0	142.08
26/11/2024 09:45	11.27	0	80.38	15.23	12.86	0	55.44	15.5	27.6	0	197.16	33.4	0	142.7
26/11/2024 09:50	11.31	0	81.18	15.22	12.48	0	55.47	15.47	27.68	0	198.62	31.97	0	142.03
26/11/2024 09:55	11.51	0	79.79	15.24	12.98	0	54.44	15.55	28.3	0	195.9	33.72	0	141.43
26/11/2024 10:00	11.34	0	80.33	15.22	13.14	0	54.5	15.53	27.77	0	196.69	34.03	0	141.14
26/11/2024 10:05	11.77	0	80.39	15.21	12.67	0	55.69	15.47	28.76	0	196.5	32.66	0	140.52
26/11/2024 10:10	11.79	0	79.71	15.23	12.98	0	54.04	15.57	28.94	0	195.46	33.87	0	140.18
26/11/2024 10:15	10.96	0	81.12	15.22	13.23	0	54.72	15.55	26.83	0	198.57	34.41	0	142.29
26/11/2024 10:20	11.64	0	80.84	15.22	12.68	0	55.84	15.48	28.48	0	197.78	32.51	0	143.07
26/11/2024 10:25	11.74	0	79.76	15.25	12.9	0	54.82	15.56	28.62	0	195.97	33.59	0	142.68
26/11/2024 10:30	11.43	0	80.68	15.24	12.5	0	55.06	15.54	28.05	0	197.99	33.73	0	142.85
26/11/2024 10:35	11.44	0	81.2	15.22	12.54	0	56.28	15.49	28	0	198.64	32.23	0	144.55
26/11/2024 10:40	11.57	0	80.03	15.24	13.04	0	54.89	15.56	28.42	0	196.38	33.94	0	142.87
26/11/2024 10:45	11.42	0	80.6	15.23	13.17	0	55.05	15.54	27.99	0	197.55	34.17	0	142.81
26/11/2024 10:50	11.62	0	79.75	15.21	12.53	0	55.67	15.47	28.4	0	194.34	32.67	0	142.9
26/11/2024 10:55	11.45	0	78.82	15.23	12.69	0	54.49	15.57	28.1	0	193.27	33.1	0	142.15
26/11/2024 11:00	10.91	0	80.54	15.22	12.67	0	54.95	15.54	26.7	0	197.03	32.88	0	142.61
26/11/2024 11:05	11.12	0	81.59	15.22	12.33	0	55.85	15.49	27.15	0	199.18	31.69	0	143.31
26/11/2024 11:10	11.31	0	80.04	15.23	12.68	0	54.21	15.58	27.75	0	196.14	33.13	0	141.6
26/11/2024 11:15	11.39	0	79.84	15.21	12.63	0	54.88	15.53	27.81	0	194.97	32.68	0	142.91
26/11/2024 11:20	11.09	0	79.13	15.19	12.36	0	55.88	15.46	27	0	192.72	31.62	0	142.93
26/11/2024 11:25	11.05	0	77.76	15.21	12.51	0	54.67	15.53	27.03	0	189.99	32.4	0	141.55
26/11/2024 11:30	10.9	0	79.97	15.19	12.61	0	54.89	15.51	26.53	0	194.4	32.54	0	141.66
26/11/2024 11:35	11.24	0	79.71	15.29	12.41	0	54.03	15.41	27.4	0	193.19	31.45	0	140.5
26/11/2024 11:40	1													



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
26/11/2024 18:45	10.09	0	87.96	15.21	11.92	0	58.16	15.54	24.65	0	215	30.91	0	150.79
26/11/2024 18:50	10.6	0	87.62	15.2	11.72	0	58.83	15.44	25.85	0	213.72	29.86	0	149.74
26/11/2024 18:55	10.65	0	86.47	15.22	12.24	0	57.67	15.47	21.67	0	211.67	31.7	0	149.74
26/11/2024 19:00	10.13	0	88.8	15.22	12.34	0	57.88	15.53	24.78	0	217.3	31.95	0	149.8
26/11/2024 19:05	11.15	0	89.28	15.21	11.96	0	59.68	15.39	27.24	0	217.99	30.2	0	150.56
26/11/2024 19:10	10.94	0	87.85	15.22	12.13	0	59.66	15.43	26.78	0	214.92	30.8	0	151.49
26/11/2024 19:15	9.66	0	88.13	15.21	12.17	0	59.86	15.43	23.61	0	215.43	30.92	0	152.06
26/11/2024 19:20	10.78	0	88.75	15.21	11.81	0	57.42	15.42	25.32	0	216.84	31.67	0	151.59
26/11/2024 19:25	10.75	0	86.85	15.22	12.3	0	59.83	15.41	26.31	0	212.5	31.16	0	151.54
26/11/2024 19:30	9.77	0	88.72	15.21	11.98	0	59.88	15.41	23.88	0	216.86	30.37	0	151.71
26/11/2024 19:35	10.0	0	87.34	15.21	11.95	0	59.55	15.36	25.62	0	213.22	29.98	0	149.3
26/11/2024 19:40	10.65	0	85.55	15.22	12.66	0	57.62	15.41	25.22	0	209.32	32.04	0	149.24
26/11/2024 19:45	10.25	0	87.5	15.22	12.45	0	57.67	15.4	25.07	0	214.01	31.49	0	145.84
26/11/2024 19:50	9.3	0	87.81	15.2	11.94	0	58.93	15.36	22.67	0	214.01	29.97	0	147.85
26/11/2024 19:55	9.66	0	86.46	15.22	12.58	0	58.75	15.41	23.66	0	211.4	31.87	0	148.78
26/11/2024 20:00	9.88	0	88.39	15.22	12.73	0	58.96	15.41	24.17	0	216.13	32.25	0	149.37
26/11/2024 20:05	9.48	0	87.42	15.19	11.89	0	60.28	15.35	23.09	0	213.89	29.81	0	150.97
26/11/2024 20:10	9.68	0	86.74	15.21	12.49	0	59.07	15.4	23.64	0	211.72	31.59	0	149.38
26/11/2024 20:15	9.75	0	88.52	15.21	12.7	0	59.13	15.4	23.82	0	216.17	32.12	0	149.51
26/11/2024 20:20	9.64	0	88.61	15.19	11.87	0	61.17	15.34	23.49	0	215.82	29.67	0	152.81
26/11/2024 20:25	9.71	0	87.64	15.21	12.25	0	59.33	15.39	23.73	0	213.91	30.92	0	149.7
26/11/2024 20:30	9.99	0	86.54	15.2	12.42	0	59.14	15.39	23.95	0	216.06	31.35	0	149.25
26/11/2024 20:35	9.87	0	88.21	15.19	11.8	0	60.77	15.34	24.02	0	214.66	29.54	0	151.94
26/11/2024 20:40	9.96	0	86.55	15.2	12.18	0	59.88	15.39	24.33	0	211.18	30.76	0	151.2
26/11/2024 20:45	9.78	0	89.12	15.21	12.17	0	59.95	15.4	23.9	0	217.74	30.76	0	151.52
26/11/2024 20:50	9.9	0	88.56	15.2	11.86	0	59.97	15.4	24.16	0	213.53	31.31	0	150.36
26/11/2024 20:55	9.9	0	87.35	15.22	12.4	0	59.3	15.4	24.22	0	213.53	31.31	0	149.78
26/11/2024 21:00	9.69	0	88.87	15.21	12.31	0	59.63	15.4	23.65	0	216.94	31.09	0	150.56
26/11/2024 21:05	10.62	0	89.62	15.2	11.98	0	60.76	15.35	25.9	0	218.49	30	0	152.1
26/11/2024 21:10	10.56	0	87.32	15.2	12.38	0	59.83	15.4	25.81	0	214.32	31	0	151.13
26/11/2024 21:15	9.91	0	86.31	15.21	12.27	0	59.89	15.4	26.2	0	215.65	30.98	0	151.27
26/11/2024 21:20	10.53	0	88.44	15.2	12.14	0	60.03	15.35	25.69	0	215.76	30.38	0	150.15
26/11/2024 21:25	10.71	0	86.25	15.22	12.42	0	58.34	15.39	26.22	0	210.92	31.32	0	147.11
26/11/2024 21:30	10.13	0	86.51	15.2	12.38	0	58.27	15.39	24.7	0	210.89	31.2	0	146.92
26/11/2024 21:35	11.18	0	85.72	15.19	12.29	0	59.12	15.41	27.21	0	207.12	30.72	0	147.79
26/11/2024 21:40	11.21	0	84.16	15.2	12.52	0	57.86	15.39	27.34	0	205.26	31.56	0	145.88
26/11/2024 21:45	10.04	0	87.2	15.2	12.53	0	58.09	15.39	24.46	0	212.56	31.6	0	146.49
26/11/2024 21:50	10.6	0	86.55	15.19	12.12	0	59.47	15.34	25.8	0	210.6	30.31	0	146.16
26/11/2024 21:55	10.46	0	85.04	15.2	12.53	0	57.13	15.39	25.53	0	207.43	31.63	0	144.12
26/11/2024 22:00	10.15	0	86.04	15.2	12.36	0	57.06	15.39	24.77	0	209.83	31.18	0	143.97
26/11/2024 22:05	10.36	0	86.42	15.19	12.08	0	58.25	15.34	25.22	0	210.31	30.19	0	145.49
26/11/2024 22:10	10.33	0	85.05	15.2	12.65	0	56.76	15.39	25.22	0	207.42	31.9	0	143.14
26/11/2024 22:15	10.18	0	86.6	15.2	12.67	0	56.72	15.39	24.84	0	211.21	31.94	0	142.98
26/11/2024 22:20	10.09	0	86.43	15.19	12.22	0	58.93	15.41	24.97	0	210.47	30.91	0	147.79
26/11/2024 22:25	10.43	0	84.82	15.21	12.63	0	57.51	15.4	25.5	0	207.16	31.94	0	145.37
26/11/2024 22:30	10.59	0	85.35	15.21	12.48	0	57.63	15.4	25.86	0	208.46	31.55	0	145.63
26/11/2024 22:35	9.79	0	86.09	15.19	12.12	0	58.27	15.35	23.81	0	209.41	30.38	0	145.92
26/11/2024 22:40	9.94	0	84.95	15.2	12.68	0	57.31	15.4	24.26	0	207.16	32.1	0	147.79
26/11/2024 22:45	10.4	0	85.74	15.21	13.02	0	56.78	15.41	25.41	0	209.43	32.94	0	145.96
26/11/2024 22:50	9.92	0	85.34	15.19	12.23	0	57.94	15.36	24.16	0	207.82	30.7	0	145.29
26/11/2024 22:55	10.21	0	84	15.21	12.58	0	57.34	15.41	24.96	0	205.14	31.85	0	145.22
26/11/2024 23:00	10.3	0	85.34	15.2	12.75	0	57	15.41	25.13	0	208.27	32.3	0	144.38
26/11/2024 23:05	10.29	0	85.67	15.19	12.27	0	58.35	15.36	25.85	0	207.51	30.72	0	146.24
26/11/2024 23:10	10.64	0	83.88	15.21	12.63	0	57.66	15.4	26	0	204.81	31.95	0	145.85
26/11/2024 23:15	10.56	0	85.03	15.21	12.67	0	58.42	15.41	25.77	0	207.56	32.08	0	147.9
26/11/2024 23:20	10.68	0	85.37	15.19	12.23	0	58.8	15.35	25.9	0	207.9	30.63	0	147.17
26/11/2024 23:25	10.62	0	84.4	15.21	12.52	0	57.42	15.41	25.84	0	205.97	31.7	0	145.28
26/11/2024 23:30	10.47	0	84.79	15.21	12.53	0	57.23	15.41	25.56	0	207.06	31.73	0	144.94
26/11/2024 23:35	11.35	0	83.87	15.2	12.35	0	57.25	15.37	27.7	0	204.66	31.04	0	143.79
26/11/2024 23:40	11.32	0	82.78	15.22	12.68	0	56.26	15.41	27.7	0	202.47	32.13	0	142.52
26/11/2024 23:45	10.44	0	85.08	15.21	12.56	0	56.16	15.41	25.49	0	207.98	31.81	0	142.2
26/11/2024 23:50	10.65	0	85.74	15.19	12.23	0	58.07	15.36	25.87	0	208.3	30.66	0	143.45
26/11/2024 23:55	10.86	0	84.29	15.21	12.55	0	56.98	15.41	26.56	0	205.97	31.81	0	144.39
27/11/2024 00:00	10.47	0	85.47	15.21	12.5	0	57.23	15.41	25.56	0	206.83	31.67	0	145.02
27/11/2024 00:05	11.28	0	85.37	15.2	12.28	0	57.68	15.36	27.48	0	208.06	30.81	0	144.67
27/11/2024 00:10	11.08	0	84.16	15.08	12.56	0	56.81	15.41	27.07	0	205.53	31.82	0	143.42
27/11/2024 00:15	10.24	0	85.73	15.21	12.36	0	56.81	15.41	24.89	0	209.28	31.42	0	143.39
27/11/2024 00:20	11.08	0	86.43	15.2	12.12	0	57.62	15.36	27.05	0	210.93	30.41	0	144.55
27/11/2024 00:25	11.04	0	84.72	15.22	12.49	0	57.79	15.4	27.03	0	207.26	31.56	0	146.03
27/11/2024 00:30	10.49	0	85.62	15.21	12.45	0	57.75	15.4	25.6	0	208.98	31.48	0	145.99
27/11/2024 00:35	9.81	0	85.47	15.19	12.07	0	58.03	15.41	27.83	0	205.03	30.93	0	146.51
27/11/2024 00:40	10.07	0	83.98	15.21	12.42	0	55.71	15.52	24.63	0	205.11	32.05	0	143.81
27/11/2024 00:45	10.05	0	86.28	15.2	12.42	0	55.81	15.49	24.52	0	210.49	31.92	0	143.42
27/11/2024 00:50	10.54	0	86.52	15.19	12.04	0	57	15.43	25.64	0	210.55	30.64	0	144.85
27/11/2024 00:55	10.59	0	85.14	15.2	12.43	0	55.58	15.51	25.86	0	207.61	32.06	0	143.42
27/11/2024 01:00	10.13	0	86.25	15.18	12.48	0	55.86	15.49	25.85	0	209.5	32.05	0	143.45
27/11/2024 01:05	10.56	0	85.35	15.16	11.94	0	57.2	15.41	25.59	0	206.83	30.24	0	144.69
27/11/2024 01:10	10.73	0	83.94	15.19	12.43	0	55.74	15.49	26.13	0	204.18	31.93	0	143.21
27/11/2024 01:15	10.11	0	86.24	15.18	12.86	0	55.31	15.48	24.56	0	209.41	32.96	0	141.76
27/11/2024 01:20	10.35	0	84.75	15.2	12.7	0	57.17	15.4	26.1	0	207.4	31.94	0	144.71
27/11/2024 01:25	10.66	0	84.3	15.2	12.45	0	55.82	15.49						



Date & Time	Stack1_N0x	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_N0x	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_N0x@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_N0x@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
27/11/2024 08:30	9.91	0	89.85	15.19	12.77	0	57.88	15.41	24.13	0	218.66	32.32	0	146.52
27/11/2024 08:35	10.27	0	88.73	15.17	12.06	0	58.63	15.37	24.94	0	215.44	30.35	0	147.47
27/11/2024 08:40	10.17	0	87.57	15.19	12.22	0	58.22	15.43	24.22	0	213.81	31.81	0	147.72
27/11/2024 08:45	9.83	0	89.84	15.19	12.72	0	58.25	15.42	23.9	0	218.53	32.25	0	147.72
27/11/2024 08:50	10.74	0	89.8	15.17	12.12	0	59.52	15.38	26.05	0	217.91	30.52	0	149.69
27/11/2024 08:55	10.65	0	88.53	15.19	12.34	0	57.27	15.45	25.92	0	215.28	31.48	0	146.04
27/11/2024 09:00	9.82	0	90.08	15.18	12.59	0	57.34	15.44	23.85	0	218.9	32.06	0	145.96
27/11/2024 09:05	9.78	0	90.44	15.18	12.93	0	57.42	15.42	23.7	0	219.12	30.94	0	146.57
27/11/2024 09:10	9.88	0	89.18	15.19	12.34	0	56.97	15.56	24.05	0	219.09	32.11	0	145.67
27/11/2024 09:15	9.94	0	90.12	15.18	12.36	0	55.84	15.55	24.15	0	219.09	32.13	0	145.17
27/11/2024 09:20	10.47	0	90.37	15.17	12.01	0	57.88	15.45	25.4	0	219.25	30.64	0	147.45
27/11/2024 09:25	10.3	0	89.8	15.19	12.26	0	56.9	15.49	24.31	0	218.15	31.5	0	144.77
27/11/2024 09:30	10.35	0	90.02	15.19	12.22	0	56.48	15.46	25.19	0	219.14	31.23	0	144.35
27/11/2024 09:35	9.39	0	90.34	15.16	11.86	0	58.09	15.42	22.75	0	218.93	30.07	0	147.1
27/11/2024 09:40	9.58	0	88.24	15.19	12.42	0	56.53	15.49	23.34	0	214.69	31.88	0	145.17
27/11/2024 09:45	9.78	0	89.9	15.19	12.53	0	56.73	15.47	23.78	0	218.71	32.07	0	145.2
27/11/2024 09:50	10.73	0	90.84	15.18	12.16	0	57.86	15.42	26.07	0	220.75	30.84	0	146.57
27/11/2024 09:55	10.81	0	88.55	15.2	12.41	0	56.8	15.48	26.36	0	215.74	31.81	0	145.62
27/11/2024 10:00	9.84	0	90.39	15.19	12.58	0	56.89	15.46	23.93	0	219.88	32.16	0	145.47
27/11/2024 10:05	10.29	0	91.09	15.18	12.18	0	58.4	15.41	25	0	221.34	30.84	0	147.61
27/11/2024 10:10	10.15	0	89.04	15.2	12.43	0	56.63	15.48	24.73	0	216.83	31.9	0	145.31
27/11/2024 10:15	9.84	0	89.34	15.19	12.45	0	56.94	15.47	23.94	0	217.33	31.86	0	145.68
27/11/2024 10:20	10.7	0	91.53	15.18	12.04	0	57.93	15.44	26.03	0	222.81	30.68	0	147.47
27/11/2024 10:25	10.81	0	89.92	15.21	12.37	0	56.69	15.53	26.42	0	219.41	32	0	146.63
27/11/2024 10:30	9.87	0	90.17	15.2	12.47	0	57.14	15.52	24.05	0	219.69	32.19	0	147.51
27/11/2024 10:35	9.92	0	89.08	15.21	11.87	0	58.86	15.46	24.68	0	217.48	31.89	0	145.77
27/11/2024 10:40	10.04	0	87.54	15.25	12.4	0	56.99	15.6	24.73	0	215.61	32.51	0	149.35
27/11/2024 10:45	10.14	0	89.14	15.33	12.47	0	57.03	15.59	26.31	0	222.36	32.66	0	149.14
27/11/2024 10:50	11.11	0	88.54	15.34	12.18	0	57.85	15.58	27.79	0	221.44	31.85	0	151.13
27/11/2024 10:55	10.86	0	87.51	15.36	12.58	0	57.51	15.68	25.9	0	219.56	33.4	0	150.8
27/11/2024 11:00	10.05	0	89.69	15.27	12.5	0	56.98	15.66	25.24	0	225.31	33.14	0	151.1
27/11/2024 11:05	10.56	0	90.8	15.36	11.97	0	58.7	15.64	26.47	0	227.61	31.64	0	155.03
27/11/2024 11:10	10.65	0	89.06	15.38	12.49	0	56.11	15.77	26.83	0	224.14	33.83	0	151.96
27/11/2024 11:15	10.02	0	89.47	15.37	12.39	0	56.41	15.75	25.22	0	225.1	33.41	0	152.1
27/11/2024 11:20	10.38	0	90.14	15.38	11.92	0	58.23	15.63	25.63	0	226.15	31.46	0	153.97
27/11/2024 11:25	10.26	0	88.08	15.39	12.51	0	56.27	15.7	25.88	0	221.84	33.42	0	150.29
27/11/2024 11:30	10.22	0	89.27	15.37	12.55	0	56.03	15.68	25.68	0	224.41	33.38	0	149.06
27/11/2024 11:35	10.47	0	91.28	15.36	12.11	0	57.32	15.63	26.29	0	229.21	31.93	0	150.92
27/11/2024 11:40	10.44	0	89.63	15.38	12.52	0	56.63	15.63	25.43	0	225.69	33.53	0	151.08
27/11/2024 11:45	9.91	0	88.36	15.36	12.36	0	56.43	15.71	24.88	0	221.78	33.05	0	151.62
27/11/2024 11:50	10.8	0	88.87	15.36	12.3	0	57.94	15.62	27.1	0	222.99	32.38	0	152.33
27/11/2024 11:55	10.9	0	88.68	15.38	12.78	0	56.62	15.69	27.46	0	223.21	34.12	0	151.17
27/11/2024 12:00	10.03	0	89.39	15.37	12.98	0	57.25	15.67	25.19	0	224.6	34.51	0	152.16
27/11/2024 12:05	9.95	0	88.39	15.35	12.19	0	57.94	15.62	24.97	0	221.37	32.93	0	152.77
27/11/2024 12:10	10.08	0	86.92	15.37	12.63	0	55.92	15.7	25.36	0	218.39	33.73	0	149.39
27/11/2024 12:15	10.11	0	89.09	15.36	12.81	0	56.06	15.67	25.38	0	223.62	34.06	0	149.05
27/11/2024 12:20	10.1	0	87.86	15.34	12.1	0	56.93	15.62	25.26	0	219.72	31.85	0	149.61
27/11/2024 12:25	10.31	0	86.41	15.36	12.64	0	55.19	15.71	25.89	0	216.74	33.83	0	147.77
27/11/2024 12:30	10.13	0	88.6	15.36	12.75	0	55.7	15.68	25.43	0	222.45	33.98	0	148.45
27/11/2024 12:35	10.34	0	90.18	15.36	12.16	0	57.24	15.65	25.93	0	226.16	32.21	0	151.31
27/11/2024 12:40	10.52	0	88.47	15.38	12.77	0	55.09	15.74	26.55	0	222.74	34.4	0	148.42
27/11/2024 12:45	10.03	0	89.25	15.36	13	0	55.17	15.71	25.17	0	223.99	34.81	0	147.75
27/11/2024 12:50	10.26	0	88.38	15.35	12.85	0	55.73	15.68	25.73	0	223.36	32.93	0	149.24
27/11/2024 12:55	10.37	0	86.17	15.37	12.52	0	54.72	15.76	26.07	0	216.45	33.84	0	147.87
27/11/2024 13:00	10	0	88.87	15.36	12.56	0	54.3	15.73	25.07	0	222.88	33.8	0	146.11
27/11/2024 13:05	10.26	0	89.04	15.35	12.05	0	57	15.63	25.67	0	222.88	31.82	0	150.29
27/11/2024 13:10	10.39	0	87.49	15.37	12.73	0	56.74	15.73	26.15	0	219.78	34.74	0	149.47
27/11/2024 13:15	10.01	0	89.17	15.36	12.97	0	56.03	15.72	25.12	0	223.74	34.48	0	148.97
27/11/2024 13:20	10.15	0	88.98	15.35	12.13	0	57.63	15.63	25.4	0	222.88	32.03	0	151.92
27/11/2024 13:25	10.35	0	87.34	15.37	12.49	0	56.04	15.71	26.03	0	219.36	33.43	0	150.02
27/11/2024 13:30	10.01	0	88.4	15.36	12.31	0	56.36	15.67	25.13	0	221.88	32.7	0	149.66
27/11/2024 13:35	9.94	0	89.94	15.35	12.03	0	56.73	15.63	24.97	0	224.27	31.89	0	150.34
27/11/2024 13:40	9.93	0	87.84	15.38	12.25	0	54.18	15.84	25.04	0	220.95	33.64	0	148.81
27/11/2024 13:45	9.99	0	88.22	15.35	12.17	0	53.58	15.83	25.01	0	220.94	33.36	0	146.84
27/11/2024 13:50	9.93	0	88.05	15.33	11.99	0	56.38	15.7	24.79	0	219.74	32.09	0	150.53
27/11/2024 13:55	10.01	0	86.36	15.36	12.24	0	55.06	15.86	25.13	0	216.49	33.77	0	151.95
27/11/2024 14:00	9.91	0	88.8	15.35	12.25	0	54.8	15.84	24.82	0	222.8	33.67	0	153.34
27/11/2024 14:05	10.43	0	88.67	15.34	11.84	0	56.92	15.77	26.05	0	221.48	32.11	0	153.95
27/11/2024 14:10	10.6	0	87.16	15.37	12.07	0	53.45	15.99	26.7	0	218.97	34.19	0	151.4
27/11/2024 14:15	9.77	0	88.5	15.35	12.16	0	52.91	15.98	24.5	0	221.79	34.37	0	148.6
27/11/2024 14:20	10.24	0	88.53	15.35	12	0	56.47	15.76	25.17	0	221.78	32.47	0	152.07
27/11/2024 14:25	11.41	0	86.92	15.4	12.12	0	53.38	16	26.87	0	219.36	34.39	0	151.44
27/11/2024 14:30	10.09	0	88.93	15.35	12.2	0	53.8	15.97	25.29	0	222.7	34.38	0	151.54
27/11/2024 14:35	11.33	0	88.88	15.35	11.75	0	55.47	15.89	26.38	0	222.54	32.6	0	153.53
27/11/2024 14:40	11.16	0	87.16	15.42	11.47	0	49.82	16.38	28.4	0	220.79	35.3	0	153.32
27/11/2024 14:45	10.11	0	88.12	15.36	11.63	0	49.34	16.36	26.36	0	221.41	36	0	153.74
27/11/2024 14:50	10.53	0	87.59	15.35	11.77	0	54.38	15.93	26.36	0	219.28	33.06	0	152.03
27/11/2024 14:55	10.43	0	85.99	15.38	11.59	0	51.62	16.17	26.31	0	216.69	34.05	0	151.61
27/11/2024 15:00	9.73	0	89.26	15.36	11.14	0	51.39	16.16	24.42	0	223.97	32.7	0	150.83
27/11/2024 15:05	10.37	0	85.02	15.36	11.59	0	55.86	15.86	25.03	0	223.34	31.35	0	153.95
27/11/2024 15:10	10.3	0	87.36	15.4	1									



Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_Nox@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_Nox@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
27/11/2024 22:15	9.48	0	93.11	15.36	12.19	0	58.75	15.83	23.77	0	233.43	33.4	0	161.01
27/11/2024 22:20	10.47	0	92.6	15.35	11.6	0	60.61	15.71	26.25	0	232.09	31.07	0	162.03
27/11/2024 22:25	9.17	0	91.17	15.38	11.82	0	58.17	15.89	24.19	0	229.46	32.49	0	160.1
27/11/2024 22:30	9.51	0	93.2	15.36	11.95	0	58.77	15.8	23.84	0	233.71	32.61	0	160.31
27/11/2024 22:35	10.25	0	92.41	15.35	11.6	0	60.82	15.69	25.67	0	231.41	30.98	0	162.15
27/11/2024 22:40	10.3	0	91.36	15.37	11.68	0	59.02	15.8	25.89	0	229.48	31.86	0	160.94
27/11/2024 22:45	9.41	0	92.67	15.34	11.61	0	58.92	15.78	23.56	0	231.88	31.53	0	160
27/11/2024 22:50	10.01	0	92.61	15.34	11.35	0	61.31	15.75	25.2	0	231.91	30.21	0	162.4
27/11/2024 22:55	9.97	0	91.75	15.36	11.79	0	59.38	15.8	25.05	0	230.1	32.13	0	161.85
27/11/2024 23:00	9.99	0	93.52	15.35	11.83	0	59.98	15.78	23.51	0	234.19	32.12	0	162.89
27/11/2024 23:05	9.62	0	93.42	15.34	11.33	0	60.23	15.71	24.05	0	233.61	30.37	0	161.23
27/11/2024 23:10	9.74	0	91.59	15.37	11.61	0	58.26	15.77	23.87	0	230.77	32.05	0	160.84
27/11/2024 23:15	9.65	0	92.95	15.35	11.72	0	59.58	15.82	24.17	0	232.8	32.05	0	162.93
27/11/2024 23:20	10.75	0	93.04	15.35	11.36	0	60.17	15.75	26.9	0	232.83	30.69	0	162.3
27/11/2024 23:25	10.51	0	91.7	15.38	11.67	0	57.27	15.89	26.47	0	230.53	32.39	0	158.95
27/11/2024 23:30	9.4	0	92.4	15.35	11.81	0	58.2	15.84	23.56	0	231.53	32.45	0	159.91
27/11/2024 23:35	10.07	0	92.27	15.35	11.39	0	59.24	15.75	25.2	0	231.7	30.79	0	159.84
27/11/2024 23:40	10.23	0	90.72	15.39	11.81	0	56.69	15.89	25.83	0	228.53	32.77	0	157.36
27/11/2024 23:45	9.3	0	91.82	15.35	11.95	0	56.95	15.86	23.28	0	229.87	32.94	0	156.96
27/11/2024 23:50	10.58	0	91.38	15.35	11.71	0	58.43	15.76	26.47	0	228.65	31.71	0	157.91
28/11/2024 00:00	10.7	0	90.2	15.37	11.73	0	55.62	15.94	26.93	0	226.72	32.87	0	155.79
28/11/2024 00:05	10.18	0	91.5	15.36	11.8	0	56.06	15.89	25.04	0	230.61	32.74	0	155.61
28/11/2024 00:10	9.54	0	90.6	15.34	11.49	0	57.66	15.83	23.84	0	226.45	31.55	0	157.97
28/11/2024 00:15	9.8	0	89.02	15.38	11.62	0	54.99	15.98	24.71	0	223.86	32.83	0	155.39
28/11/2024 00:20	9.9	0	91.63	15.36	11.33	0	55.73	15.93	24.81	0	229.77	31.7	0	155.97
28/11/2024 00:25	9.74	0	91.64	15.34	11.31	0	58.01	15.92	24.36	0	229.17	30.67	0	156.34
28/11/2024 00:30	9.83	0	90.21	15.36	12.15	0	56.19	15.82	24.69	0	226.27	33.25	0	153.75
28/11/2024 00:35	9.72	0	91.62	15.35	12.22	0	56.17	15.75	24.35	0	229.53	33	0	151.7
28/11/2024 00:40	10.36	0	90.68	15.34	11.82	0	57.54	15.7	25.92	0	226.75	31.63	0	153.83
28/11/2024 00:45	10.41	0	88.34	15.37	12	0	57.09	15.79	26.17	0	224.34	32.54	0	155.16
28/11/2024 00:50	9.82	0	91.82	15.36	11.97	0	57.31	15.73	24.63	0	230.21	32.21	0	154.25
28/11/2024 00:55	10.62	0	92.02	15.35	11.86	0	59.31	15.69	26.6	0	230.5	31.63	0	158.04
28/11/2024 01:00	10.81	0	90.56	15.37	12.11	0	57.1	15.78	27.21	0	227.6	32.9	0	155.12
28/11/2024 01:05	9.64	0	91.84	15.36	12.3	0	57.3	15.73	24.17	0	230.36	33.08	0	154.13
28/11/2024 01:10	10.18	0	91.18	15.35	11.69	0	55.12	15.82	25.52	0	229.83	31.16	0	159.2
28/11/2024 01:15	10.25	0	90.24	15.37	12.13	0	57.16	15.78	26.8	0	226.84	32.9	0	155.04
28/11/2024 01:20	9.9	0	92.36	15.36	12.42	0	57.13	15.72	24.83	0	231.68	33.33	0	153.3
28/11/2024 01:25	10.37	0	91.91	15.35	11.82	0	58.22	15.71	25.99	0	230.24	31.63	0	155.76
28/11/2024 01:30	10.49	0	90.3	15.37	11.8	0	57.51	15.8	26.37	0	225.15	32.15	0	156.71
28/11/2024 01:35	9.86	0	91.92	15.35	11.69	0	58.05	15.76	24.72	0	230.36	31.6	0	156.96
28/11/2024 01:40	10.01	0	92.63	15.35	11.6	0	59.83	15.67	25.06	0	231.86	30.85	0	158.8
28/11/2024 01:45	10.05	0	91.42	15.37	11.9	0	57.83	15.78	25.28	0	229.55	32.31	0	157
28/11/2024 01:50	9.82	0	92.13	15.36	11.67	0	58.42	15.74	24.62	0	231.06	31.46	0	157.49
28/11/2024 01:55	10.05	0	91.41	15.34	11.57	0	59.48	15.68	25.35	0	229.35	30.85	0	159.2
28/11/2024 02:00	10.23	0	89.61	15.37	11.92	0	57.22	15.82	25.76	0	225.09	32.58	0	156.45
28/11/2024 02:05	9.97	0	92.45	15.34	11.94	0	57.78	15.8	24.96	0	231.3	32.51	0	157.34
28/11/2024 02:10	10.56	0	92.6	15.34	11.72	0	59.63	15.67	26.38	0	231.33	31.16	0	158.27
28/11/2024 02:15	10.76	0	90.76	15.36	11.84	0	57.64	15.78	26.79	0	227.5	32.21	0	156.83
28/11/2024 02:20	9.98	0	92.26	15.34	11.83	0	58.18	15.78	24.94	0	230.69	31.96	0	157.24
28/11/2024 02:25	9.6	0	91.88	15.32	11.57	0	59.44	15.68	23.94	0	229.05	30.87	0	158.23
28/11/2024 02:30	9.7	0	90.69	15.35	12.04	0	57.23	15.81	24.3	0	226.89	32.88	0	156.31
28/11/2024 02:35	9.8	0	92.55	15.34	12.2	0	57.52	15.77	24.52	0	231.55	33.07	0	155.85
28/11/2024 02:40	10.97	0	91.77	15.34	11.82	0	58.34	15.82	22.9	0	215.47	31.54	0	158.25
28/11/2024 02:45	11.02	0	90.06	15.36	12.03	0	57.27	15.81	27.68	0	225.96	32.84	0	156.3
28/11/2024 02:50	10.08	0	92.28	15.35	12.27	0	56.92	15.79	25.23	0	231.03	33.35	0	154.76
28/11/2024 02:55	10.14	0	92.85	15.33	11.68	0	58.85	15.72	25.31	0	231.63	31.39	0	157.85
28/11/2024 03:00	10.34	0	91.62	15.36	11.85	0	55.93	15.85	25.93	0	229.56	33.68	0	155.97
28/11/2024 03:05	10.41	0	92.57	15.35	11.97	0	56.44	15.87	26.06	0	231.8	33.08	0	155.91
28/11/2024 03:10	10.29	0	92.71	15.33	11.55	0	57.94	15.81	25.67	0	231.32	31.81	0	158.1
28/11/2024 03:15	10.41	0	91.3	15.36	11.72	0	55.18	16.02	26.18	0	228.99	33.37	0	157.07
28/11/2024 03:20	10.56	0	91.97	15.35	11.64	0	55.55	15.97	26.43	0	230.31	32.79	0	156.47
28/11/2024 03:25	10.42	0	92.37	15.34	11.74	0	59.1	15.73	26.04	0	229.76	31.81	0	157.9
28/11/2024 03:30	10.46	0	90.82	15.37	12.06	0	56.97	15.85	26.31	0	228.01	33.16	0	156.69
28/11/2024 03:35	10.34	0	92.19	15.35	12.39	0	57.28	15.83	25.89	0	230.93	33.96	0	156.99
28/11/2024 03:40	10.69	0	91.91	15.33	12.08	0	58.93	15.67	26.68	0	229.42	32.14	0	156.49
28/11/2024 03:45	10.69	0	90.39	15.35	12.54	0	55.95	15.76	26.8	0	226.33	33.95	0	155.35
28/11/2024 03:50	10.6	0	91.57	15.35	12.5	0	56.55	15.75	25.66	0	229.51	33.17	0	152.45
28/11/2024 03:55	11.59	0	91.24	15.34	12.18	0	59.42	15.62	28.99	0	228.23	32.11	0	156.35
28/11/2024 04:00	11.4	0	90.15	15.36	12.43	0	57.71	15.69	28.6	0	226.04	33.17	0	153.98
28/11/2024 04:05	10.42	0	91.72	15.35	12.45	0	58.11	15.67	26.07	0	229.53	33.12	0	154.54
28/11/2024 04:10	11.23	0	91.26	15.35	12.23	0	59.85	15.63	26.17	0	227.77	32.95	0	155.25
28/11/2024 04:15	10.22	0	89.67	15.36	12.38	0	58.59	15.66	26.16	0	224.69	32.83	0	155.33
28/11/2024 04:20	10.97	0	92.2	15.34	12.2	0	59.08	15.63	25.54	0	230.52	32.18	0	155.81
28/11/2024 04:25	10.97	0	92.51	15.33	12	0	59.75	15.59	27.37	0	230.88	31.44	0	156.42
28/11/2024 04:30	10.02	0	90.76	15.35	12.55	0	57.79	15.67	27.63	0	227.26	33.38	0	153.71
28/11/2024 04:35	10.38	0	91.74	15.34	12.95	0	57.91	15.66	25.94	0	229.41	33.34	0	153.45
28/11/2024 04:40	10.64	0	92.26	15.33	12.28	0	59.46	15.59	26.57	0	230.25	32.14	0	155.45
28/11/2024 04:45	10.59	0	90.52	15.36	12.42	0	58.15	15.69	26.59	0	226.77	33.11	0	155.03
28/11/2024 04:50	10.16	0	92.88	15.33	12.53	0	58.61	15.67	25.41	0	231.92	33.28	0	155.64
28/11/2024 04:55	11.04	0	92.94	15.33	12.16	0	59.97	15.67	27.84	0	221.84	32.54	0	156.2
28/11/2024 05:00	11.12	0	91.1	15.35	12.53	0</								



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
28/11/2024 12:00	9.99	0	91.9	15.37	12.48	0	57.28	15.88	25.12	0	231.08	34.58	0	158.65
28/11/2024 12:05	10.41	0	91.46	15.36	12.27	0	57.45	15.75	26.11	0	229.37	33.13	0	154.89
28/11/2024 12:10	10.54	0	89.7	15.38	12.54	0	55.82	15.82	25.82	0	225.92	34.35	0	153.91
28/11/2024 12:15	10.29	0	91.88	15.36	12.61	0	56.34	15.78	25.8	0	230.35	34.2	0	152.82
28/11/2024 12:20	10.66	0	91.75	15.35	11.96	0	58.08	15.73	26.69	0	229.81	32.21	0	156.03
28/11/2024 12:25	10.63	0	89.83	15.37	12.49	0	55.83	15.87	26.75	0	225.84	34.52	0	154.25
28/11/2024 12:30	10.22	0	91.86	15.35	12.72	0	56.56	15.83	25.61	0	230.13	34.85	0	154.97
28/11/2024 12:35	10.23	0	92.25	15.34	12	0	57.45	15.78	24.86	0	229.82	32.58	0	157.96
28/11/2024 12:40	10.72	0	90.52	15.37	12.12	0	56.13	15.88	26.97	0	228.77	33.57	0	155.46
28/11/2024 12:45	10.19	0	91.44	15.34	12.25	0	56.75	15.8	25.5	0	228.77	33.4	0	154.72
28/11/2024 12:50	9.99	0	91.43	15.33	11.68	0	57.5	15.77	24.91	0	228.05	31.71	0	155.7
28/11/2024 12:55	10.19	0	89.98	15.36	12.19	0	56.36	15.79	24.17	0	225.59	34.02	0	152.93
28/11/2024 13:00	9.95	0	91.59	15.35	12	0	55.36	15.87	24.91	0	229.24	33.13	0	152.85
28/11/2024 13:05	10.71	0	91.88	15.34	11.7	0	56.3	15.87	26.8	0	229.84	32.34	0	155.23
28/11/2024 13:10	10.7	0	89.89	15.4	11.72	0	53.17	16.13	27.06	0	226.73	34.13	0	154.81
28/11/2024 13:15	9.87	0	91.22	15.35	11.36	0	54.09	16.06	24.72	0	228.58	32.61	0	155.28
28/11/2024 13:20	9.94	0	92.08	15.34	11.44	0	55.86	15.93	24.86	0	230.28	32.06	0	155.96
28/11/2024 13:25	9.98	0	89.76	15.39	12.08	0	53.25	16.08	25.27	0	226.17	34.85	0	153.62
28/11/2024 13:30	9.68	0	91.67	15.35	12.06	0	53.42	16.01	24.23	0	229.41	34.31	0	151.93
28/11/2024 13:35	10.94	0	91.47	15.34	11.71	0	55.16	15.96	27.34	0	228.64	32.99	0	154.89
28/11/2024 13:40	10.8	0	89.76	15.39	11.48	0	51.4	16.29	27.27	0	225.91	34.64	0	155.91
28/11/2024 13:45	10.31	0	91.23	15.35	11.69	0	51.81	16.26	25.84	0	228.66	35.01	0	155.15
28/11/2024 13:50	10.74	0	89.49	15.34	11.28	0	54.08	16.1	26.83	0	223.6	32.75	0	156.25
28/11/2024 13:55	10.61	0	87.95	15.39	11.44	0	49.55	16.48	26.81	0	221.41	35.99	0	155.87
28/11/2024 14:00	10.04	0	91.33	15.36	11.67	0	50.48	16.38	25.17	0	228.99	35.85	0	155.08
28/11/2024 14:05	10.22	0	91.22	15.34	12	0	50.57	16.84	25.63	0	229.33	35.85	0	155.08
28/11/2024 14:10	10.27	0	90.17	15.35	12.94	0	59.88	15.46	25.76	0	225.92	33.07	0	153.04
28/11/2024 14:15	10.1	0	91.18	15.35	13.11	0	59.88	15.46	25.32	0	225.92	33.52	0	153.1
28/11/2024 14:20	11.45	0	91.61	15.34	12.49	0	59.55	15.55	26.84	0	229.09	32.45	0	154.66
28/11/2024 14:25	11.54	0	90.15	15.37	12.38	0	50.15	15.72	25.37	0	226.28	33.39	0	155.01
28/11/2024 14:30	10.21	0	91.61	15.36	12.44	0	57.55	15.77	25.61	0	229.79	33.68	0	155.84
28/11/2024 14:35	10.26	0	92.36	15.35	11.99	0	59.09	15.68	25.7	0	231.28	31.97	0	157.19
28/11/2024 14:40	10.57	0	90.65	15.39	12.33	0	56.42	15.84	26.7	0	228.39	33.85	0	154.9
28/11/2024 14:45	10.4	0	91.17	15.36	12.27	0	56.78	15.83	26.12	0	228.95	33.59	0	155.52
28/11/2024 14:50	10.34	0	91.81	15.35	11.69	0	56.46	15.86	25.45	0	229.11	31.55	0	157.39
28/11/2024 14:55	10.38	0	90.14	15.39	12.13	0	54.5	16.05	26.21	0	226.98	34.74	0	156.09
28/11/2024 15:00	10.32	0	90.55	15.37	12.25	0	55.09	16.04	25.93	0	227.6	35.04	0	157.59
28/11/2024 15:05	11.54	0	90.48	15.37	12.09	0	57.28	15.8	29.02	0	227.47	33.04	0	156.17
28/11/2024 15:10	11.44	0	89.13	15.4	12.1	0	55.07	15.87	25.07	0	225.04	34.07	0	156.17
28/11/2024 15:15	10.22	0	89.13	15.37	12.25	0	55.33	15.99	25.67	0	229.98	34.71	0	156.75
28/11/2024 15:20	10.47	0	91.84	15.36	11.69	0	58.48	15.82	26.26	0	230.31	32.06	0	159.8
28/11/2024 15:25	10.56	0	89.69	15.41	11.78	0	55.26	16.06	26.8	0	226.75	33.84	0	158.69
28/11/2024 15:30	9.99	0	91.66	15.37	11.58	0	55.17	16.07	25.13	0	230.59	33.33	0	158.84
28/11/2024 15:35	11.27	0	91.56	15.37	10.39	0	51.56	16.94	26.01	0	229.73	31.93	0	160.29
28/11/2024 15:40	10.87	0	89.15	15.53	8.4	0	27.6	18.63	28.45	0	229.56	51.49	0	168.78
28/11/2024 15:45	9.74	0	91.42	15.38	8.34	0	29.69	18.48	24.55	0	230.35	47.92	0	170.5
28/11/2024 15:50	10.68	0	91.7	15.37	11.12	0	52.84	16.31	26.88	0	230.69	35.87	0	161.68
28/11/2024 15:55	10.76	0	90.8	15.39	12.42	0	50.24	15.86	27.12	0	228.92	32.29	0	159.67
28/11/2024 16:00	10.27	0	91.71	15.38	12.35	0	60.61	15.36	23.86	0	230.94	32.58	0	157.88
28/11/2024 16:05	10.3	0	91.45	15.37	11.94	0	59.9	15.68	25.91	0	228.96	31.76	0	159.21
28/11/2024 16:10	10.26	0	89.47	15.4	11.86	0	55.63	16.01	25.96	0	226.09	33.7	0	158.09
28/11/2024 16:15	9.34	0	93.27	15.37	11.78	0	55.5	16.02	23.5	0	234.58	33.53	0	157.94
28/11/2024 16:20	10.63	0	92.58	15.37	11.64	0	50.58	15.94	25.13	0	229.73	31.93	0	162.11
28/11/2024 16:25	10.56	0	89.93	15.4	11.64	0	53.77	16.21	26.73	0	227.41	34.5	0	159.4
28/11/2024 16:30	9.95	0	90.95	15.38	11.89	0	52.7	16.23	25.07	0	229.23	35.39	0	156.86
28/11/2024 16:35	10.88	0	89.65	15.38	11.84	0	56.31	15.9	27.38	0	225.67	32.98	0	156.19
28/11/2024 16:40	10.67	0	89.74	15.42	11.81	0	52.59	16.1	25.89	0	227.44	34.49	0	157.59
28/11/2024 16:45	10.34	0	89.33	15.38	11.73	0	53.09	16.08	26.02	0	224.81	33.94	0	153.55
28/11/2024 16:50	11.12	0	90.83	15.36	11.75	0	56.33	15.86	27.91	0	228.03	32.45	0	155.09
28/11/2024 16:55	11.27	0	89.38	15.38	11.89	0	54.16	16.03	28.38	0	224.96	33.99	0	154.73
28/11/2024 17:00	10.5	0	89.47	15.37	12.53	0	57.32	15.7	26.39	0	224.89	33.51	0	153.79
28/11/2024 17:05	10.82	0	89.05	15.38	12.33	0	50.13	16.13	27.13	0	229.29	31.95	0	155.85
28/11/2024 17:10	10.98	0	87.7	15.36	12.97	0	59.02	15.46	27.59	0	220.18	33.14	0	150.84
28/11/2024 17:15	10.89	0	88.99	15.36	13	0	58.84	15.47	27.34	0	223.4	33.25	0	150.51
28/11/2024 17:20	10.74	0	89.09	15.34	12.55	0	58.68	15.51	26.87	0	222.91	32.34	0	151.15
28/11/2024 17:25	10.87	0	87.76	15.36	12.88	0	57.76	15.88	27.38	0	220.75	33.99	0	147.47
28/11/2024 17:30	10.96	0	87.51	15.36	12.92	0	56.03	15.82	27.5	0	219.86	34.03	0	147.56
28/11/2024 17:35	11.9	0	88.1	15.36	12.35	0	57.1	15.62	29.85	0	220.99	32.52	0	150.14
28/11/2024 17:40	11.85	0	85.86	15.4	12.74	0	54.57	15.79	29.95	0	216.5	34.67	0	148.55
28/11/2024 17:45	10.9	0	88.39	15.37	12.84	0	54.52	15.78	27.37	0	222	34.9	0	148.13
28/11/2024 17:50	10.54	0	88.76	15.35	12.26	0	54.76	15.49	27.49	0	222.19	32.19	0	151.91
28/11/2024 17:55	10.85	0	87.19	15.38	12.37	0	55.22	15.78	27.34	0	219.34	33.58	0	149.89
28/11/2024 18:00	10.58	0	88.9	15.37	12.28	0	55.45	15.77	26.58	0	223.39	33.29	0	150.31
28/11/2024 18:05	10.59	0	89.56	15.34	12.17	0	57.71	15.64	26.45	0	223.73	32.19	0	152.32
28/11/2024 18:10	10.73	0	88.05	15.34	12.49	0	55.75	15.69	26.83	0	219.89	33.36	0	148.87
28/11/2024 18:15	10.29	0	88.68	15.23	12.41	0	56.11	15.65	27.12	0	217.53	32.61	0	148.73
28/11/2024 18:20	11.52	0	88.93	15.2	12.23	0	59.2	15.47	28.12	0	216.98	31.33	0	151.54
28/11/2024 18:25	11.57	0	87.84	15.21	12.65	0	57.22	15.5	28.29	0	214.63	32.6	0	147.42
28/11/2024 18:30	10.41	0	89.31	15.18	12.55	0	57.83	15.49	25.27	0	216.91	32.26	0	148.69
28/11/2024 18:35	10.57	0	88.29	15.17	12.17	0	59.15	15.63	25.1	0	216.59	32.54	0	148.74
28/11/2024 18:40	10.7	0	87.96											



Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_Nox@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_Nox@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
29/11/2024 01:45	11.35	0	86.59	15.22	13.27	0	56.92	15.48	27.78	0	211.97	33.99	0	145.85
29/11/2024 01:50	12.07	0	85.5	15.21	12.75	0	58.61	15.41	29.5	0	208.91	32.27	0	148.21
29/11/2024 01:55	12.17	0	84.3	15.26	13.26	0	56.98	15.46	29.83	0	210.46	33.49	0	145.84
29/11/2024 02:00	11.37	0	86.63	15.22	13.31	0	57.42	15.46	27.82	0	212.01	34.04	0	146.83
29/11/2024 02:05	11.9	0	87.39	15.21	12.82	0	58.31	15.39	29.07	0	213.53	32.39	0	147.21
29/11/2024 02:10	11.91	0	86.4	15.23	13.09	0	57.72	15.45	29.18	0	211.57	33.35	0	147.09
29/11/2024 02:15	11.35	0	87.07	15.22	12.67	0	57.91	15.44	27.79	0	213.23	32.27	0	147.48
29/11/2024 02:20	11.67	0	87.17	15.21	12.82	0	58.34	15.4	29.51	0	214.87	31.88	0	149.23
29/11/2024 02:25	11.63	0	86.86	15.23	13.23	0	57.67	15.45	28.5	0	212.87	33.75	0	147.13
29/11/2024 02:30	11.21	0	87.55	15.22	13.25	0	57.52	15.45	27.44	0	214.31	33.8	0	146.73
29/11/2024 02:35	12.31	0	86.2	15.22	12.82	0	59.29	15.39	30.12	0	210.87	32.31	0	149.37
29/11/2024 02:40	12.38	0	84.94	15.21	13.91	0	57.96	15.36	29.93	0	208.28	32.89	0	147.3
29/11/2024 02:45	11.54	0	86.8	15.22	12.86	0	58.05	15.44	28.23	0	212.3	32.74	0	147.79
29/11/2024 02:50	11.99	0	88.54	15.2	11.69	0.15	74.3	15.41	29.26	0	216.09	29.57	0.4	189.33
29/11/2024 02:55	11.34	0.34	96.72	15.24	6.06	10.27	265.37	15.68	27.77	0.92	238.79	16.15	27.36	707.24
29/11/2024 03:00	11.2	0	87.88	15.22	6.13	10.3	265.53	15.67	27.43	0	215.17	16.28	27.38	705.76
29/11/2024 03:05	11.77	0	88.48	15.21	6.34	9.98	259.98	15.6	28.76	0	216.82	16.26	26.26	683.36
29/11/2024 03:10	11.24	0.35	96.41	15.24	6.13	10.27	265	15.65	27.56	0.92	238.05	16.22	27.21	701.91
29/11/2024 03:15	11.14	0	88	15.23	6.06	10.07	265	15.65	27.31	0	215.63	16.05	26.65	701.62
29/11/2024 03:20	11.75	0	88.61	15.21	6.49	9.55	258.15	15.58	28.72	0	216.63	16.92	25.05	676.36
29/11/2024 03:25	11.11	0.36	97.37	15.25	6.17	10.26	264.2	15.65	27.27	0.97	240.82	16.35	27.24	700.09
29/11/2024 03:30	11.22	0	87.62	15.23	6.09	10.49	264.5	15.66	27.5	0	214.76	16.15	27.81	700.54
29/11/2024 03:35	11.44	0	88.12	15.22	6.21	9.6	262.63	15.6	27.97	0	215.46	16.25	25.24	689.29
29/11/2024 03:40	11.03	0.36	95.3	15.24	6.23	10.18	265.22	15.67	27.08	0.97	235.49	16.56	27.06	704.94
29/11/2024 03:45	11.04	0	87.95	15.23	6.48	10.44	265.22	15.67	27.07	0	215.73	17.23	27.76	704.93
29/11/2024 03:50	11.81	0	88.59	15.22	6.74	9.42	267.42	15.61	28.45	0	217.84	17.63	24.61	677.13
29/11/2024 03:55	11.37	0.04	97.78	15.24	6.11	9.81	265.48	15.68	27.92	0.12	240.75	16.28	26.11	706.8
29/11/2024 04:00	11.36	0	87.74	15.23	6.13	9.74	265.48	15.68	27.85	0	215.07	16.29	25.91	706.26
29/11/2024 04:05	12	0	88.69	15.22	6.45	9.27	258.86	15.6	29.36	0	217.03	16.87	24.39	688.1
29/11/2024 04:10	11.46	0.35	97.37	15.26	6.07	9.95	265.06	15.65	28.14	0.84	241.12	16.12	26.45	703.65
29/11/2024 04:15	11.19	0	86.36	15.23	6	9.99	265.06	15.66	27.44	0	216.62	15.92	26.5	703.46
29/11/2024 04:20	11.82	0	87.56	15.22	10.7	5.25	116.69	15.44	28.9	0	214.12	27.12	6.83	302.58
29/11/2024 04:25	11.89	0	86.32	15.23	12.35	0	61.67	15.45	29.16	0	211.63	31.51	0	157.39
29/11/2024 04:30	11.05	0	89.56	15.23	12.22	0	60.83	15.46	27.1	0	219.7	31.2	0	155.32
29/11/2024 04:35	11.64	0	89.95	15.21	12.37	0	60.38	15.4	29.45	0	219.7	31.29	0	152.69
29/11/2024 04:40	11.59	0	87.69	15.23	12.91	0	57.27	15.46	28.43	0	214.93	33	0	146.37
29/11/2024 04:45	10.88	0	89.88	15.23	12.84	0	57.09	15.46	26.65	0	220.3	32.82	0	145.91
29/11/2024 04:50	11.33	0	89.54	15.22	12.56	0	58.85	15.4	27.72	0	218.98	31.73	0	148.5
29/11/2024 04:55	11.24	0	88.41	15.22	13.08	0	58.41	15.46	27.35	0	218.23	33.46	0	145.2
29/11/2024 05:00	11.03	0	90.16	15.23	13.27	0	57.63	15.46	27.04	0	221.08	33.9	0	147.27
29/11/2024 05:05	11.38	0	89.32	15.22	12.66	0	58.53	15.4	27.83	0	218.44	32.02	0	147.86
29/11/2024 05:10	11.4	0	88.06	15.23	12.88	0	57.26	15.45	27.98	0	215.92	32.84	0	146.05
29/11/2024 05:15	11.05	0	89.86	15.23	12.8	0	57.02	15.45	27.1	0	220.34	32.61	0	145.29
29/11/2024 05:20	11.76	0	88.91	15.22	12.61	0	58.09	15.4	27.74	0	217.84	31.84	0	145.9
29/11/2024 05:25	11.78	0	87.69	15.23	13.03	0	56.97	15.45	28.9	0	215.03	33.25	0	145.32
29/11/2024 05:30	11.25	0	89.61	15.23	13.11	0	57.42	15.45	27.58	0	219.7	33.43	0	146.41
29/11/2024 05:35	11.82	0	89.65	15.22	12.85	0	57.23	15.41	28.94	0	219.44	32.51	0	144.75
29/11/2024 05:40	11.23	0	88.07	15.23	13.08	0	55.78	15.44	29.3	0	216.3	33.32	0	142.62
29/11/2024 05:45	11.42	0	86.91	15.23	13	0	55.78	15.44	29	0	213.11	33.76	0	142.02
29/11/2024 05:50	11.89	0	86.31	15.22	12.97	0	55.43	15.4	29.11	0	211.33	32.81	0	140.08
29/11/2024 05:55	11.98	0	85.08	15.24	13.48	0	54.3	15.46	29.44	0	208.88	34.43	0	138.71
29/11/2024 06:00	11.58	0	86.62	15.23	13.63	0	53.75	15.46	28.39	0	212.36	34.8	0	137.28
29/11/2024 06:05	12.24	0	86.97	15.23	13.14	0	54.89	15.4	28.83	0	212.83	33.38	0	138.75
29/11/2024 06:10	12.23	0	85.78	15.23	13.21	0	53.72	15.45	30.01	0	210.27	33.72	0	137.08
29/11/2024 06:15	10.88	0	88.64	15.23	13.14	0	53.81	15.45	26.67	0	217.24	33.51	0	137.25
29/11/2024 06:20	11.38	0	88.1	15.22	11.59	0	59.9	15.33	27.86	0	215.66	28.94	0	149.35
29/11/2024 06:25	11.41	0	86.28	15.23	11.31	0	60.33	15.33	27.83	0	212.53	28.19	0	149.83
29/11/2024 06:30	11.43	0	86.66	15.24	11.39	0	60.06	15.33	28.07	0	212.79	28.42	0	149.88
29/11/2024 06:35	11.23	0	88.75	15.23	11.94	0	57.27	15.34	27.52	0	217.48	29.84	0	143.05
29/11/2024 06:40	11.36	0	86.39	15.24	12.76	0	54.47	15.4	27.92	0	212.06	32.23	0	137.57
29/11/2024 06:45	11.51	0	84.9	15.24	13.13	0	53.84	15.4	28.25	0	208.35	33.15	0	136
29/11/2024 06:50	12.35	0	83.92	15.23	13.17	0	53.17	15.29	30.28	0	207.74	33.22	0	137.22
29/11/2024 06:55	12.43	0	82.48	15.24	13.61	0	52.11	15.45	30.58	0	202.61	34.68	0	132.85
29/11/2024 07:00	11.93	0	84.02	15.24	13.69	0	51.66	15.44	29.28	0	206.16	34.87	0	131.6
29/11/2024 07:05	12.32	0	85.66	15.22	13.21	0	54.08	15.39	30.16	0	209.7	33.32	0	136.25
29/11/2024 07:10	12.2	0	83.28	15.24	13.48	0	52.26	15.48	29.44	0	204.25	34.25	0	133.32
29/11/2024 07:15	11.91	0	83.77	15.24	13.48	0	52.16	15.45	29.27	0	205.82	34.37	0	132.95
29/11/2024 07:20	12.59	0	83.55	15.23	13.28	0	53.67	15.4	30.84	0	204.71	33.55	0	135.51
29/11/2024 07:25	12.56	0	82.07	15.25	13.57	0	51.88	15.46	30.89	0	201.71	34.65	0	132.45
29/11/2024 07:30	12.15	0	82.66	15.25	13.31	0	52.02	15.45	29.87	0	203.2	33.98	0	132.78
29/11/2024 07:35	12.68	0	81.64	15.23	13.38	0	52.01	15.4	31.54	0	200.68	34.83	0	131.44
29/11/2024 07:40	12.73	0	80	15.25	13.83	0	50.64	15.46	31.31	0	196.65	35.35	0	129.48
29/11/2024 07:45	12.47	0	81.64	15.24	13.92	0	50.47	15.47	30.63	0	200.53	35.61	0	129.09
29/11/2024 07:50	12.94	0	81.55	15.23	13.6	0	52.15	15.41	31.72	0	199.91	34.42	0	131.91
29/11/2024 07:55	12.93	0	80.03	15.23	13.87	0	50.65	15.47	31.81	0	196.71	35.5	0	129.61
29/11/2024 08:00	12.65	0	81.02	15.24	13.84	0	51.02	15.43	31.09	0	199.53	34.81	0	129.03
29/11/2024 08:05	13.04	0	80.59	15.23	13.74	0	51.46	15.4	31.94	0	197.43	34.74	0	130.04
29/11/2024 08:10	13.02	0	79.18	15.24	13.94	0	50.04	15.45	32	0	194.48	35.56	0	127.6
29/11/2024 08:15	12.6	0	80.95	15.24	14.11	0	49.83	15.44	30.94	0	198.73	35.94	0	126.94
29/11/2024 08:20	13													



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
29/11/2024 15:30	11.72	0	81.28	15.15	12.47	0	42.48	16.21	26.35	0	196.63	36.94	0	125.85
29/11/2024 15:35	12.06	0	82.48	15.15	12.83	0	47.01	15.77	29.12	0	199.24	34.82	0	126.99
29/11/2024 15:40	12.22	0	80.7	15.15	12.85	0	44.04	16.02	29.62	0	196.32	36.61	0	125.61
29/11/2024 15:45	11.59	0	81.01	15.17	12.61	0	44.95	16.02	28.12	0	196.55	35.91	0	126.01
29/11/2024 15:50	12.54	0	81.64	15.16	12.89	0	48.22	15.68	30.36	0	197.68	34.39	0	128.28
29/11/2024 15:55	12.16	0	80.37	15.19	13.29	0	47.06	15.7	29.62	0	195.43	35.52	0	125.75
29/11/2024 16:00	11.49	0	81.6	15.17	13.39	0	47.2	15.66	27.9	0	198.03	35.53	0	125.24
29/11/2024 16:05	12.84	0	81.67	15.17	13.12	0	48.59	15.6	31.13	0	198.45	34.44	0	127.34
29/11/2024 16:10	12.89	0	80.07	15.22	12.97	0	45.45	15.92	31.54	0	195.5	36.19	0	126.82
29/11/2024 16:15	11.87	0	82.1	15.18	13.22	0	45.63	15.88	28.86	0	199.57	36.63	0	126.44
29/11/2024 16:20	11.28	0	83.33	15.16	12.82	0	50.44	15.63	27.34	0	201.89	33.88	0	132.66
29/11/2024 16:25	11.33	0	81.75	15.2	12.86	0	47.39	15.86	27.39	0	198.16	35.41	0	130.47
29/11/2024 16:30	11.37	0	82.94	15.18	12.83	0	47.19	15.83	27.63	0	201.36	35.16	0	129.32
29/11/2024 16:35	12.19	0	81.58	15.17	13.06	0	50.37	15.58	29.6	0	198.04	34.15	0	131.39
29/11/2024 16:40	12.1	0	80.02	15.22	13.15	0	47.85	15.75	29.66	0	195.6	35.5	0	129.14
29/11/2024 16:45	11.6	0	82.94	15.2	13.22	0	47.42	15.81	28.26	0	202.12	36.11	0	129.53
29/11/2024 16:50	12.24	0	84.43	15.18	12.89	0	49.18	15.74	29.75	0	205.2	34.79	0	131.03
29/11/2024 16:55	12.04	0	82.75	15.22	12.98	0	46.63	15.91	29.53	0	202.32	36.13	0	129.79
29/11/2024 17:00	11.37	0	83.18	15.2	13.42	0	47.52	15.81	27.71	0	202.8	36.63	0	129.66
29/11/2024 17:05	12.61	0	83.21	15.19	13.21	0	51.14	15.53	30.71	0	202.6	34.24	0	132.9
29/11/2024 17:10	12.73	0	81.81	15.22	13.13	0	51.35	15.53	30.69	0	200.43	34.82	0	132.89
29/11/2024 17:15	11.31	0	84.86	15.21	12.81	0	51	15.65	27.6	0	207.13	33.91	0	134.98
29/11/2024 17:20	11.19	0	85.24	15.18	12.76	0	52.35	15.52	27.22	0	207.27	32.98	0	135.01
29/11/2024 17:25	11.43	0	83.31	15.21	13.25	0	49.95	15.6	27.98	0	203.5	34.78	0	131.07
29/11/2024 17:30	11.63	0	83.12	15.2	13.39	0	50.11	15.58	28.37	0	202.76	35.01	0	130.99
29/11/2024 17:35	12.06	0	84.69	15.19	13.12	0	52.72	15.42	29.75	0	206.32	33.67	0	133.22
29/11/2024 17:40	11.91	0	83.95	15.2	13.26	0	52.56	15.45	29.08	0	204.84	33.8	0	133.95
29/11/2024 17:45	11.43	0	84.96	15.2	13.02	0	52.19	15.44	27.86	0	207.06	33.16	0	132.95
29/11/2024 17:50	12.56	0	84.79	15.19	12.9	0	53.61	15.41	30.55	0	206.29	32.64	0	135.52
29/11/2024 17:55	12.56	0	83.26	15.21	13.32	0	51.35	15.53	30.69	0	203.18	34.48	0	132.95
29/11/2024 18:00	11.14	0	84.65	15.2	13.5	0	51.77	15.52	27.16	0	206.86	34.89	0	135.79
29/11/2024 18:05	12.77	0	83.68	15.2	13.09	0	53.91	15.43	31.13	0	203.97	33.29	0	137.07
29/11/2024 18:10	12.66	0	82.29	15.21	13.38	0	51.82	15.49	30.96	0	201.06	34.4	0	133.22
29/11/2024 18:15	11.6	0	84.06	15.21	13.52	0	51.91	15.49	28.32	0	205.18	34.7	0	133.26
29/11/2024 18:20	11.81	0	84.38	15.2	13.95	0	53.77	15.42	29.75	0	205.71	32.85	0	136.27
29/11/2024 18:25	11.83	0	82.28	15.21	13.28	0	52.24	15.49	29.84	0	201.03	34.14	0	134.24
29/11/2024 18:30	11.45	0	84.2	15.21	13.56	0	51.92	15.48	27.98	0	205.77	34.79	0	133.19
29/11/2024 18:35	13.15	0	85.15	15.21	13.12	0	53.39	15.43	32.12	0	208	33.36	0	135.63
29/11/2024 18:40	12.87	0	83.55	15.23	13.17	0	53.55	15.51	31.45	0	204.66	33.67	0	134.42
29/11/2024 18:45	11.47	0	84.09	15.21	13.28	0	51.39	15.5	28.02	0	205.47	34.2	0	132.32
29/11/2024 18:50	12.12	0	82.37	15.2	13.09	0	52.88	15.42	29.58	0	201.02	33.2	0	133.96
29/11/2024 18:55	12.16	0	80.67	15.22	13.47	0	51.22	15.46	29.76	0	197.29	34.41	0	130.88
29/11/2024 19:00	11.75	0	83.85	15.21	13.48	0	51.75	15.45	28.7	0	204.89	34.39	0	131.99
29/11/2024 19:05	11.72	0	83.63	15.2	13.96	0	53.02	15.42	29.55	0	200.77	33.02	0	133.95
29/11/2024 19:10	11.83	0	81.96	15.21	13.17	0	52.46	15.45	29.92	0	200.19	33.59	0	133.79
29/11/2024 19:15	11.64	0	83.66	15.21	13.17	0	51.83	15.44	28.43	0	204.33	33.53	0	131.92
29/11/2024 19:20	12.49	0	84.09	15.2	12.99	0	53.89	15.39	30.46	0	205.08	32.8	0	135.95
29/11/2024 19:25	12.59	0	82.76	15.22	13.33	0	52.6	15.45	30.83	0	202.46	34.04	0	134.26
29/11/2024 19:30	11.3	0	82.94	15.21	13.44	0	52.94	15.44	27.61	0	202.91	34.4	0	134.85
29/11/2024 19:35	12.25	0	83.97	15.2	13.08	0	54.41	15.4	29.86	0	204.76	33.07	0	137.4
29/11/2024 19:40	12.44	0	83.1	15.21	13.14	0	53.68	15.46	30.42	0	203.09	33.57	0	137.16
29/11/2024 19:45	11.33	0	85.3	15.22	13.14	0	53.77	15.45	27.73	0	208.72	33.53	0	137.21
29/11/2024 19:50	11.98	0	84.75	15.21	13.73	0	55.12	15.43	29.81	0	212.75	32.75	0	139.28
29/11/2024 19:55	11.69	0	83.46	15.22	13.17	0	53.53	15.51	28.63	0	204.23	33.95	0	138
29/11/2024 20:00	11	0	85.46	15.22	13.19	0	53.2	15.5	26.9	0	209.01	33.93	0	136.87
29/11/2024 20:05	12.14	0	84.89	15.2	12.68	0	55.23	15.44	29.6	0	207.04	32.3	0	140.58
29/11/2024 20:10	11.9	0	83.46	15.22	12.97	0	53.04	15.4	29.13	0	204.1	33.04	0	137.63
29/11/2024 20:15	11.14	0	84.48	15.21	13.05	0	52.56	15.54	27.22	0	206.45	33.84	0	136.33
29/11/2024 20:20	12.06	0	84.15	15.2	12.81	0	55.09	15.44	29.44	0	205.39	32.61	0	140.03
29/11/2024 20:25	12.19	0	82.34	15.23	13.18	0	53.79	15.51	29.88	0	201.69	33.97	0	138.69
29/11/2024 20:30	11.51	0	84.9	15.22	13.28	0	54.61	15.5	28.17	0	207.68	34.18	0	140.53
29/11/2024 20:35	11.66	0	85.23	15.2	12.81	0	54.81	15.43	29.45	0	207.33	32.59	0	138.25
29/11/2024 20:40	11.81	0	84.13	15.22	12.88	0	53.02	15.51	29.91	0	205.82	33.24	0	136.85
29/11/2024 20:45	11.46	0	85.26	15.22	12.84	0	52.44	15.51	28.04	0	206.85	33.12	0	135.21
29/11/2024 20:50	11.33	0	85.88	15.2	12.69	0	54.53	15.43	27.64	0	209.44	32.26	0	138.51
29/11/2024 20:55	11.38	0	84.28	15.22	12.97	0	54.67	15.46	27.87	0	205.61	33.21	0	137.22
29/11/2024 21:00	11.28	0	86.03	15.22	12.92	0	53.8	15.5	27.6	0	210.45	33.26	0	138.46
29/11/2024 21:05	11.68	0	85.58	15.21	12.61	0	55.15	15.43	28.51	0	211.37	32.03	0	139.97
29/11/2024 21:10	11.74	0	85.14	15.22	13.05	0	53.16	15.48	28.76	0	208.38	33.45	0	136.32
29/11/2024 21:15	11.48	0	85.55	15.23	13.23	0	53.33	15.47	28.12	0	209.55	33.85	0	136.4
29/11/2024 21:20	11.74	0	87.02	15.21	12.81	0	55.19	15.41	29.12	0	212.75	32.43	0	139.28
29/11/2024 21:25	11.8	0	85.81	15.23	13.13	0	53.42	15.47	28.95	0	210.25	33.57	0	136.64
29/11/2024 21:30	11.41	0	84.62	15.22	13.06	0	53.08	15.46	27.95	0	207.19	33.35	0	135.53
29/11/2024 21:35	12.53	0	83.9	15.22	12.95	0	54.29	15.4	30.63	0	205.17	32.75	0	137.26
29/11/2024 21:40	12.64	0	82.98	15.23	13.48	0	52.55	15.47	31.02	0	202.46	34.5	0	134.53
29/11/2024 21:45	11.54	0	84.19	15.22	13.65	0	53.65	15.47	29.59	0	206.19	34.59	0	136.28
29/11/2024 21:50	11.92	0	85.16	15.21	13.08	0	54.36	15.4	29.12	0	208.03	33.07	0	137.29
29/11/2024 21:55	11.96	0	83.42	15.23	13.2	0	53.32	15.46	29.34	0	204.42	33.7	0	136.15
29/11/2024 22:00	11.63	0	84.41	15.23	13.28	0	53.22	15.45	28.48	0	206.76	33.88	0	135.77
29/11/2024 22:05	11.86	0	85.23	15.21	13.13	0	54.33	15.43	29.42	0	207.91	33.57	0	137.4
29/11/2024 22:10	11.95	0	80											



Date & Time	Stack1_Nox	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_Nox	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_Nox@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_Nox@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
30/11/2024 05:15	11.17	0	87.7	15.23	13.36	0	56.63	15.41	27.36	0	214.83	33.84	0	143.43
30/11/2024 05:20	11.77	0	86.6	15.21	12.84	0	57.35	15.37	28.76	0	211.63	32.25	0	144.02
30/11/2024 05:25	11.96	0	84.1	15.23	13.03	0	56.75	15.41	28.63	0	215.41	33.02	0	143.82
30/11/2024 05:30	11.44	0	87.81	15.23	13.09	0	56.03	15.41	28.05	0	215.31	33.18	0	141.97
30/11/2024 05:35	12.21	0	86.31	15.21	12.9	0	57.85	15.37	29.85	0	215.91	32.41	0	145.28
30/11/2024 05:40	12.25	0	86.38	15.23	13.18	0	55.89	15.41	30.04	0	211.66	33.33	0	141.38
30/11/2024 05:45	11.55	0	86.64	15.24	13.38	0	55.2	15.41	28.34	0	212.61	33.85	0	139.71
30/11/2024 05:50	12.07	0	86.81	15.23	12.9	0	57.48	15.41	29.65	0	212.85	32.4	0	144.83
30/11/2024 05:55	11.95	0	86.72	15.23	13.15	0	56.73	15.39	29.31	0	212.69	33.17	0	143.08
30/11/2024 06:00	11.31	0	86.79	15.22	13.11	0	56.88	15.39	27.69	0	212.54	33.06	0	143.41
30/11/2024 06:05	11.87	0	86.9	15.22	12.79	0	57.23	15.35	29.03	0	210.05	32.05	0	143.3
30/11/2024 06:10	11.92	0	84.69	15.23	13.1	0	56.71	15.41	29.73	0	212.59	33.17	0	143.59
30/11/2024 06:15	11.34	0	87.94	15.23	13.2	0	57.48	15.4	27.78	0	215.42	33.37	0	145.28
30/11/2024 06:20	12.15	0	86.81	15.21	12.79	0	57.26	15.38	29.7	0	212.24	32.21	0	144.13
30/11/2024 06:25	12.09	0	85.56	15.23	12.81	0	55.77	15.45	29.65	0	209.77	32.65	0	142.11
30/11/2024 06:30	11.23	0	88.07	15.23	12.75	0	55.84	15.45	27.55	0	215.99	32.52	0	142.43
30/11/2024 06:35	11.71	0	87.85	15.22	12.7	0	57.34	15.4	29.63	0	214.82	32.11	0	144.83
30/11/2024 06:40	11.74	0	85.88	15.23	13.06	0	55.32	15.45	28.8	0	210.46	33.31	0	141.08
30/11/2024 06:45	11.7	0	85.42	15.24	13.02	0	55	15.45	28.74	0	209.8	33.17	0	140.15
30/11/2024 06:50	12.25	0	85.39	15.23	12.85	0	56.75	15.4	30.02	0	209.28	32.47	0	143.3
30/11/2024 06:55	12.23	0	84.45	15.24	12.91	0	56.07	15.45	31.17	0	207.34	32.9	0	142.86
30/11/2024 07:00	11.42	0	86.76	15.23	12.97	0	56.27	15.46	28.01	0	212.89	33.01	0	143.22
30/11/2024 07:05	12.14	0	87.11	15.22	12.72	0	57.38	15.41	29.72	0	213.19	32.2	0	145.1
30/11/2024 07:10	12.12	0	86.58	15.23	13.08	0	55.78	15.45	29.73	0	212.33	33.38	0	142.36
30/11/2024 07:15	11.46	0	87.26	15.23	13.17	0	55.52	15.44	28.09	0	213.89	33.54	0	141.35
30/11/2024 07:20	11.7	0	88.16	15.21	12.84	0	57.41	15.4	29.61	0	215.54	33.72	0	146.83
30/11/2024 07:25	11.7	0	86.4	15.23	13.17	0	54.97	15.46	28.69	0	211.7	33.65	0	140.49
30/11/2024 07:30	12.02	0	84.07	15.23	13.34	0	54.88	15.46	29.46	0	206.13	34.08	0	140.16
30/11/2024 07:35	12.72	0	84.3	15.21	13.22	0	54.76	15.4	31.09	0	205.95	33.43	0	138.34
30/11/2024 07:40	12.72	0	81.78	15.23	13.74	0	52.12	15.45	31.17	0	200.23	35.06	0	132.96
30/11/2024 07:45	12.46	0	82.25	15.23	13.94	0	52.36	15.45	30.61	0	201.8	35.83	0	133.5
30/11/2024 07:50	12.77	0	83.66	15.21	13.3	0	54.5	15.4	31.21	0	204.52	33.82	0	137.64
30/11/2024 07:55	12.67	0	82.58	15.23	13.4	0	53.22	15.46	31.05	0	202.28	34.21	0	135.88
30/11/2024 08:00	11.8	0	83.56	15.23	13.09	0	53.55	15.45	28.92	0	204.8	33.41	0	136.65
30/11/2024 08:05	12.93	0	82.95	15.21	13.12	0	53.88	15.4	31.59	0	202.87	33.17	0	136.17
30/11/2024 08:10	12.91	0	81	15.23	13.5	0	52.08	15.46	31.66	0	198.52	34.53	0	133.16
30/11/2024 08:15	12.05	0	82.49	15.23	13.73	0	52.11	15.46	29.55	0	202.26	35.1	0	133.17
30/11/2024 08:20	12.39	0	81.72	15.22	13.24	0	53.73	15.41	30.32	0	200.07	33.53	0	135.95
30/11/2024 08:25	12.37	0	80.5	15.24	13.4	0	52.18	15.4	31.18	0	197.7	34.3	0	135.91
30/11/2024 08:30	11.81	0	83.27	15.23	13.14	0	52.73	15.47	29.86	0	204.26	33.63	0	133.84
30/11/2024 08:35	12.4	0	83.93	15.22	13.07	0	54.04	15.41	30.34	0	205.31	33.12	0	136.85
30/11/2024 08:40	12.38	0	82.44	15.23	13.58	0	52.49	15.48	30.37	0	202.11	34.84	0	134.65
30/11/2024 08:45	12.05	0	82.95	15.23	13.7	0	52.86	15.48	29.53	0	203.34	35.14	0	135.55
30/11/2024 08:50	12.71	0	81.85	15.22	13.15	0	53.72	15.43	31.07	0	203.72	34.72	0	136.17
30/11/2024 08:55	12.68	0	81.02	15.23	13.25	0	52.46	15.5	31.11	0	198.64	34.12	0	135.15
30/11/2024 09:00	11.97	0	83.28	15.23	13.09	0	52.72	15.51	29.32	0	203.98	33.74	0	136.86
30/11/2024 09:05	12.31	0	83.18	15.21	13.1	0	53.64	15.43	30.09	0	203.26	33.28	0	136.17
30/11/2024 09:10	12.29	0	83.78	15.22	13.38	0	52.48	15.49	30.35	0	200.49	34.35	0	134.46
30/11/2024 09:15	11.77	0	83.72	15.23	13.56	0	52.63	15.48	28.83	0	205.16	34.78	0	134.95
30/11/2024 09:20	12.18	0	83.86	15.22	13.19	0	53.45	15.42	29.8	0	205.16	33.46	0	135.48
30/11/2024 09:25	12.18	0	82.76	15.23	13.44	0	52	15.46	29.86	0	202.81	34.35	0	132.92
30/11/2024 09:30	11.67	0	83.68	15.23	13.56	0	51.94	15.46	28.59	0	205.1	34.64	0	132.85
30/11/2024 09:35	12.58	0	83.12	15.21	13.21	0	53.76	15.47	30.19	0	202.84	33.43	0	135.91
30/11/2024 09:40	12.66	0	81.45	15.23	13.47	0	52.14	15.45	31.04	0	199.51	34.36	0	133.02
30/11/2024 09:45	11.92	0	82.85	15.22	13.78	0	52.28	15.45	29.2	0	202.78	35.13	0	133.26
30/11/2024 09:50	12.14	0	82.7	15.21	13.47	0	53.96	15.33	29.68	0	202.18	33.63	0	134.65
30/11/2024 09:55	12.17	0	81.41	15.23	13.75	0	54.06	15.31	29.81	0	199.35	34.18	0	135.46
30/11/2024 10:00	11.9	0	82.77	15.22	13.84	0	54.38	15.42	29.14	0	202.82	34.48	0	135.46
30/11/2024 10:05	12.27	0	82.82	15.21	13.37	0	55.27	15.29	29.97	0	202.27	33.12	0	136.81
30/11/2024 10:10	12.44	0	81.78	15.22	13.74	0	53.31	15.3	30.43	0	199.94	34.12	0	132.34
30/11/2024 10:15	11.85	0	83.31	15.21	13.48	0	52.91	15.3	28.95	0	203.54	33.48	0	131.36
30/11/2024 10:20	12.28	0	82.83	15.19	13.28	0	54.04	15.49	29.89	0	201.85	32.98	0	135.91
30/11/2024 10:25	12.31	0	80.92	15.2	13.65	0	53.1	15.35	30.01	0	197.24	34.16	0	132.91
30/11/2024 10:30	11.65	0	83.45	15.19	13.48	0	52.63	15.35	28.34	0	203.01	33.75	0	131.73
30/11/2024 10:35	12.35	0	83.68	15.17	13.08	0	54.32	15.34	29.98	0	203.03	32.68	0	135.65
30/11/2024 10:40	12.53	0	82.45	15.18	13.42	0	53.05	15.39	30.47	0	200.45	33.86	0	133.69
30/11/2024 10:45	11.87	0	83.07	15.17	13.35	0	53.31	15.38	29.8	0	201.85	33.25	0	134.24
30/11/2024 10:50	12.36	0	82.68	15.16	13.08	0	53.79	15.35	29.92	0	200.21	32.75	0	134.52
30/11/2024 10:55	12.32	0	80.97	15.18	13.38	0	52.42	15.42	29.93	0	196.5	33.94	0	133.02
30/11/2024 11:00	11.54	0	83.72	15.16	13.28	0	53.25	15.41	27.97	0	202.82	33.64	0	134.88
30/11/2024 11:05	12.46	0	83.99	15.15	13.12	0	53.84	15.35	30.34	0	202.84	32.84	0	134.74
30/11/2024 11:10	12.58	0	82.83	15.17	13.4	0	52.13	15.41	30.51	0	200.77	33.91	0	131.9
30/11/2024 11:15	11.84	0	84.19	15.16	13.48	0	51.88	15.4	28.65	0	203.74	34.05	0	130.99
30/11/2024 11:20	11.71	0	83.93	15.13	13.11	0	53.26	15.35	28.22	0	202.28	32.85	0	133.4
30/11/2024 11:25	12.08	0	82.26	15.15	13.49	0	52.38	15.41	29.24	0	198.82	34.17	0	132.72
30/11/2024 11:30	12.18	0	83.55	15.14	14.03	0	54.83	15.41	29.37	0	201.47	33.72	0	133.4
30/11/2024 11:35	11.69	0	83.29	15.12	13.35	0	53.84	15.33	28.1	0	200.13	33.35	0	134.46
30/11/2024 11:40	11.88	0	82.11	15.13	13.69	0	52.1	15.36	28.63	0	197.68	34.34	0	130.67
30/11/2024 11:45	11.91	0	83.64	15.13	13.75	0	52.7	15.34	28.68	0	201.34	34.37	0	131.74
30/11/2024 11:50	12.14	0	83.67	15.1	13.31	0	53.72	15.37	29.64	0	200.57	33.43	0	133.4
30/11/2024 11:55	12.4													



Site UCAP Period: 01/11/2024 00:00-30/11/2024 23:59 Type: AVG														
Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	Stack1_NOx@7%	Stack1_SO2@7%	Stack1_CO@7%	Stack2_NOx@7%	Stack2_SO2@7%	Stack2_CO@7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm
30/11/2024 19:00	11.51	0	86.79	15.27	13.2	0	53.41	15.64	28.43	0	214.44	34.88	0	141.11
30/11/2024 19:05	12.37	0	86.52	15.27	12.83	0	54.89	15.55	30.51	0	213.44	33.33	0	142.4
30/11/2024 19:10	12.47	0	85.3	15.28	12.91	0	52.62	15.64	30.86	0	210.99	34.1	0	138.94
30/11/2024 19:15	11.64	0	87.07	15.28	12.94	0	53.08	15.62	28.76	0	215.21	34.04	0	139.66
30/11/2024 19:20	11.23	0	85.41	15.26	12.73	0	53.64	15.54	27.66	0	210.41	33.04	0	139.08
30/11/2024 19:25	11.19	0	83.83	15.28	12.96	0	52.7	15.62	27.68	0	207.09	34.13	0	138.8
30/11/2024 19:30	11.48	0	86.86	15.27	12.81	0	52.92	15.59	28.35	0	214.55	33.51	0	138.43
30/11/2024 19:35	12.02	0	85.75	15.26	12.8	0	53.61	15.53	29.1	0	211.2	33.17	0	139.85
30/11/2024 19:40	12.17	0	84.58	15.27	12.97	0	53.07	15.62	30.08	0	208.89	34.15	0	139.74
30/11/2024 19:45	11.54	0	86.46	15.27	12.98	0	53.94	15.61	28.49	0	213.45	34.12	0	141.75
30/11/2024 19:50	12.14	0	86.66	15.25	12.77	0	54.86	15.54	29.89	0	213.35	33.12	0	142.05
30/11/2024 19:55	12.29	0	84.46	15.28	13.16	0	52.29	15.67	30.43	0	208.82	34.97	0	138.95
30/11/2024 20:00	11.67	0	85.66	15.27	13.19	0	51.63	15.65	28.84	0	211.63	34.95	0	136.81
30/11/2024 20:05	12.59	0	85.64	15.26	13.02	0	53.78	15.56	31.03	0	211.09	33.9	0	139.82
30/11/2024 20:10	12.74	0	84.07	15.28	13.23	0	52.32	15.67	31.55	0	207.87	35.17	0	139.09
30/11/2024 20:15	12.54	0	85.45	15.27	13.31	0	52.31	15.67	29.65	0	211.06	35.35	0	138.92
30/11/2024 20:20	12.65	0	85.53	15.26	13.25	0	53.96	15.53	31.19	0	210.94	34.31	0	139.54
30/11/2024 20:25	12.83	0	83.75	15.29	13.55	0	52.28	15.61	31.83	0	207.46	35.61	0	137.33
30/11/2024 20:30	12	0	83.87	15.27	13.52	0	52.83	15.6	29.66	0	207.26	35.43	0	138.47
30/11/2024 20:35	12.63	0	84.85	15.26	13.29	0	54.02	15.54	31.15	0	209.23	34.5	0	140.09
30/11/2024 20:40	12.69	0	83.67	15.28	13.41	0	51.39	15.67	31.41	0	206.96	35.62	0	136.53
30/11/2024 20:45	12.53	0	83.24	15.28	13.56	0	51.69	15.66	30.96	0	205.71	35.98	0	137.13
30/11/2024 20:50	12.38	0	84.32	15.26	13.16	0	53.63	15.54	30.49	0	207.67	34.16	0	139.03
30/11/2024 20:55	12.13	0	82.99	15.28	13.55	0	51.74	15.61	30.02	0	205.1	35.62	0	136.01
30/11/2024 21:00	11.97	0	83.55	15.27	13.53	0	51.8	15.59	29.56	0	206.37	35.45	0	135.88
30/11/2024 21:05	12.88	0	83.24	15.26	13.33	0	53.18	15.53	31.75	0	205.24	34.54	0	137.63
30/11/2024 21:10	12.98	0	81.67	15.28	13.34	0	51.74	15.65	32.14	0	202.01	35.31	0	136.98
30/11/2024 21:15	12.22	0	83	15.28	13.19	0	52.47	15.64	30.19	0	205.1	34.82	0	138.55
30/11/2024 21:20	12.5	0	83.41	15.26	13.31	0	53.38	15.53	30.82	0	205.85	34.47	0	138.1
30/11/2024 21:25	12.54	0	81.56	15.28	13.51	0	51.17	15.63	31.03	0	201.81	35.06	0	135.03
30/11/2024 21:30	12.52	0	81.92	15.27	14	0	51.35	15.61	30.9	0	202.27	36.81	0	135.14
30/11/2024 21:35	12.96	0	83.65	15.26	13.64	0	52.24	15.54	31.92	0	205.99	35.38	0	135.36
30/11/2024 21:40	12.96	0	82.45	15.27	13.6	0	50.65	15.62	32.02	0	203.52	35.82	0	133.44
30/11/2024 21:45	12.31	0	82.89	15.27	13.92	0	50.28	15.6	30.38	0	204.58	36.5	0	131.83
30/11/2024 21:50	12.57	0	83.02	15.25	13.47	0	52.48	15.53	30.94	0	204.43	34.9	0	135.6
30/11/2024 21:55	12.7	0	81.5	15.28	13.6	0	51.17	15.62	31.43	0	201.38	35.82	0	134.78
30/11/2024 22:00	12.29	0	82.67	15.27	13.89	0	51.19	15.6	30.31	0	203.95	36.43	0	134.25
30/11/2024 22:05	12.62	0	82.92	15.26	13.33	0	53.23	15.53	31.08	0	204.22	34.5	0	137.51
30/11/2024 22:10	12.61	0	80.96	15.27	13.33	0	52.17	15.61	31.16	0	199.92	35.06	0	137.21
30/11/2024 22:15	12.13	0	83.05	15.27	13.39	0	51.88	15.6	29.96	0	205.14	35.1	0	135.97
30/11/2024 22:20	12.47	0	84.1	15.26	13.14	0	53.8	15.53	30.75	0	207.34	34	0	139.01
30/11/2024 22:25	12.47	0	83.11	15.28	13.4	0	52.17	15.61	30.87	0	205.41	35.23	0	137.14
30/11/2024 22:30	12.26	0	82.76	15.27	13.86	0	51.7	15.6	30.3	0	204.5	36.33	0	135.52
30/11/2024 22:35	12.77	0	83.08	15.26	13.29	0	53.45	15.53	31.48	0	204.74	34.43	0	138.24
30/11/2024 22:40	12.79	0	82.11	15.28	13.45	0	52.39	15.62	31.63	0	202.93	35.39	0	137.88
30/11/2024 22:45	12.22	0	82.89	15.28	13.61	0	52.86	15.6	30.19	0	204.85	35.69	0	138.63
30/11/2024 22:50	13.2	0	82.36	15.26	13.27	0	53.81	15.54	32.55	0	203.04	34.41	0	139.42
30/11/2024 22:55	13.24	0	81.39	15.28	13.42	0	52.2	15.63	32.79	0	201.34	35.42	0	137.74
30/11/2024 23:00	12.26	0	82.66	15.28	13.53	0	52.83	15.62	30.3	0	204.32	35.69	0	138.96
30/11/2024 23:05	12.8	0	82.49	15.26	13.34	0	53.78	15.55	31.53	0	203.24	34.69	0	139.74
30/11/2024 23:10	12.67	0	81.27	15.28	13.26	0	51.71	15.67	31.46	0	200.64	35.19	0	137.36
30/11/2024 23:15	12.2	0	83.02	15.27	13.63	0	51.64	15.64	30.08	0	205.21	36	0	136.44
30/11/2024 23:20	12.85	0	83.73	15.26	13.4	0	52.23	15.59	31.67	0	206.41	35.03	0	136.57
30/11/2024 23:25	12.84	0	82.32	15.29	13.43	0	51.6	15.69	31.81	0	203.66	35.85	0	137.73
30/11/2024 23:30	12.23	0	83.09	15.27	13.53	0	51.77	15.67	30.2	0	205.25	35.96	0	137.59
30/11/2024 23:35	12.79	0	83.69	15.26	13.28	0	53.23	15.56	31.52	0	206.27	34.61	0	138.43
30/11/2024 23:40	12.6	0	82.67	15.28	13.48	0	51.48	15.66	31.18	0	204.42	35.75	0	136.54
30/11/2024 23:45	12.27	0	82.56	15.27	13.63	0	52.66	15.63	30.25	0	203.9	35.92	0	138.84
30/11/2024 23:50	12.73	0	82.68	15.26	13.3	0	53.69	15.56	31.36	0	203.75	34.6	0	139.54
30/11/2024 23:55	12.72	0	80.88	15.28	13.45	0	51.39	15.66	31.43	0	199.86	35.66	0	136.27
Minimum	3.64	0	0	15.03	5.03	0	0.36	15.27	0	0	0	0	0	0
MinDate	06/11/2024 17:30	06/11/2024 16:00	16/11/2024 07:30	05/11/2024 17:35	16/11/2024 09:15	06/11/2024 17:45	16/11/2024 10:55	29/11/2024 12:35	16/11/2024 02:25	06/11/2024 16:00	16/11/2024 02:25	16/11/2024 09:50	06/11/2024 17:45	16/11/2024 09:50
Maximum	14.34	13.11	200.47	21.33	31.95	11.35	265.61	21.44	2713.69	31.8	673.19	2827.07	41.31	2240.46
MaxDate	05/11/2024 09:20	06/11/2024 02:20	26/11/2024 13:40	16/11/2024 09:45	16/11/2024 13:20	05/11/2024 20:45	26/11/2024 14:45	16/11/2024 20:55	16/11/2024 03:20	06/11/2024 02:20	16/11/2024 02:15	16/11/2024 23:05	06/11/2024 03:25	16/11/2024 09:35
Avg	10.08	0.41	95.58	15.49	12.07	0.39	51.42	16.26	25.79	1.01	241.31	37.5	1.2	154.28
Num	6535	6535	6535	6535	6664	6664	6664	6664	6535	6535	6535	6664	6664	6664
Data[%]	75.6	75.6	75.6	75.6	77.1	77.1	77.1	77.1	75.6	75.6	75.6	77.1	77.1	77.1
STD	1.9	2	23	0.8	2.1	1.9	23.4	1	34	4.8	58.6	42.8	5.8	80.5



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/12/2024 00:00	12.35	0	81.88	15.27	13.56	0	51.48	15.65	30.49	0	202.13	35.88	0	136.19	
01/12/2024 00:05	13.02	0	83.16	15.25	13.41	0	52.49	15.57	32.06	0	204.74	34.96	0	136.7	
01/12/2024 00:10	13.01	0	81.56	15.27	13.49	0	51.02	15.65	32.14	0	201.38	35.75	0	135.17	
01/12/2024 00:15	12.44	0	81.89	15.27	13.34	0	51.2	15.62	30.73	0	202.22	35.11	0	134.72	
01/12/2024 00:20	13.33	0	80.69	15.26	13.24	0	52.63	15.57	32.86	0	198.98	34.52	0	137.07	
01/12/2024 00:25	13.3	0	79.45	15.29	13.56	0	50.88	15.68	32.95	0	196.58	36.08	0	135.36	
01/12/2024 00:30	12.45	0	81.77	15.27	13.78	0	51.14	15.66	30.73	0	201.89	36.54	0	135.6	
01/12/2024 00:35	12.94	0	82.54	15.26	13.47	0	52.74	15.56	31.88	0	203.36	35.09	0	137.21	
01/12/2024 00:40	13.09	0	80.67	15.28	13.6	0	51.16	15.65	32.4	0	199.42	35.98	0	135.33	
01/12/2024 00:45	12.52	0	82.21	15.27	13.61	0	51.66	15.62	30.93	0	203.08	35.82	0	135.96	
01/12/2024 00:50	13	0	83.02	15.25	13.48	0	52.74	15.56	32.02	0	204.43	35.12	0	137.21	
01/12/2024 00:55	12.95	0	81.78	15.28	13.52	0	51.4	15.67	32.05	0	202.17	35.9	0	136.54	
01/12/2024 01:00	12.31	0	82.48	15.27	13.58	0	51.83	15.65	30.38	0	203.58	35.95	0	137.22	
01/12/2024 01:05	13.21	0	81.35	15.25	13.4	0	52.78	15.56	32.51	0	200.19	34.88	0	137.28	
01/12/2024 01:10	13.21	0	79.89	15.28	13.51	0	51.55	15.65	32.65	0	197.31	35.76	0	136.49	
01/12/2024 01:15	12.56	0	82.59	15.27	13.53	0	52.38	15.63	31.03	0	204.06	35.67	0	138.05	
01/12/2024 01:20	13.01	0	83.92	15.26	13.24	0	53.23	15.58	32.1	0	207	34.59	0	138.99	
01/12/2024 01:25	13.01	0	82.62	15.3	13.57	0	50.77	15.71	32.28	0	204.73	36.35	0	136.02	
01/12/2024 01:30	12.62	0	82.35	15.27	13.38	0	51.13	15.7	31.17	0	203.39	35.73	0	136.58	
01/12/2024 01:35	13.05	0	81.76	15.26	13.36	0	52.37	15.59	32.15	0	201.45	34.98	0	136.87	
01/12/2024 01:40	13.06	0	80.36	15.28	13.31	0	50.54	15.71	32.3	0	198.59	35.65	0	135.43	
01/12/2024 01:45	12.48	0	83.13	15.27	13.39	0	50.27	15.69	30.81	0	205.23	35.72	0	134.08	
01/12/2024 01:50	12.81	0	82.59	15.25	13.14	0	52.52	15.58	31.53	0	203.36	34.38	0	137.18	
01/12/2024 01:55	12.7	0	81.56	15.28	13.42	0	50.79	15.68	31.46	0	201.72	35.76	0	135.38	
01/12/2024 02:00	12.11	0	82.57	15.27	13.34	0	51.42	15.66	29.88	0	203.77	35.39	0	136.39	
01/12/2024 02:05	13.06	0	83.3	15.26	13.17	0	52.83	15.57	32.17	0	205.17	34.35	0	137.57	
01/12/2024 02:10	13.11	0	80.56	15.28	13.49	0	50.93	15.68	32.41	0	199.06	35.94	0	135.67	
01/12/2024 02:15	12.49	0	82.55	15.27	13.53	0	50.88	15.68	30.84	0	203.88	36.01	0	135.38	
01/12/2024 02:20	13.02	0	82.66	15.26	13.3	0	53.62	15.57	32.08	0	203.64	34.71	0	139.71	
01/12/2024 02:25	12.97	0	81.84	15.28	13.45	0	51.58	15.68	32.08	0	202.23	35.78	0	137.24	
01/12/2024 02:30	12.48	0	82.75	15.27	13.56	0	52.52	15.66	30.81	0	204.38	35.97	0	139.29	
01/12/2024 02:35	12.87	0	83.63	15.26	13.26	0	53.02	15.59	31.71	0	206.02	34.72	0	138.6	
01/12/2024 02:40	12.9	0	81.75	15.28	13.45	0	51.09	15.71	31.89	0	202	36.01	0	136.74	
01/12/2024 02:45	12.45	0	82.82	15.27	13.53	0	51.45	15.68	30.75	0	204.53	36.06	0	137.13	
01/12/2024 02:50	12.72	0	83.15	15.26	13.17	0	53.76	15.6	31.35	0	204.91	34.53	0	140.93	
01/12/2024 02:55	12.64	0	81.54	15.29	13.14	0	51.69	15.69	31.31	0	201.83	35.09	0	138.03	
01/12/2024 03:00	12.28	0	84.23	15.27	12.72	0	51.83	15.68	30.33	0	207.97	33.84	0	137.88	
01/12/2024 03:05	12.91	0	84.77	15.26	12.84	0	54.27	15.59	31.82	0	208.87	33.62	0	141.86	
01/12/2024 03:10	12.93	0	83.45	15.28	13.54	0	52.19	15.68	32.01	0	206.31	36.04	0	138.91	
01/12/2024 03:15	12.67	0	82.83	15.27	13.38	0	53.06	15.66	31.29	0	204.51	35.51	0	140.87	
01/12/2024 03:20	13.14	0	82.67	15.26	13.17	0	53.84	15.6	32.37	0	203.69	34.55	0	141.04	
01/12/2024 03:25	13.18	0	80.81	15.29	13.29	0	52.44	15.71	32.66	0	199.93	35.58	0	140.44	
01/12/2024 03:30	12.45	0	82.89	15.27	13.47	0	52.33	15.68	30.74	0	204.67	35.87	0	139.37	
01/12/2024 03:35	13.3	0	81.71	15.26	13.32	0	53.41	15.6	32.75	0	201.26	34.95	0	139.94	
01/12/2024 03:40	13.33	0	80.64	15.28	13.32	0	51.99	15.69	32.98	0	199.35	35.51	0	138.61	
01/12/2024 03:45	12.53	0	83.31	15.27	13.5	0	52.33	15.67	30.94	0	205.69	35.85	0	138.96	
01/12/2024 03:50	12.78	0	84.37	15.26	13.31	0	53.8	15.58	31.47	0	207.76	34.81	0	140.39	
01/12/2024 03:55	12.75	0	83.8	15.28	13.34	0	52.26	15.7	31.52	0	207.02	35.68	0	139.76	
01/12/2024 04:00	12.52	0	82.51	15.27	13.41	0	53.22	15.66	30.9	0	203.6	35.56	0	141.16	
01/12/2024 04:05	13.15	0	81.99	15.26	13.28	0	53.84	15.6	32.38	0	201.91	34.85	0	141.16	
01/12/2024 04:10	13.18	0	79.99	15.29	13.35	0	52.12	15.71	32.67	0	197.95	35.79	0	139.69	
01/12/2024 04:15	12.71	0	82.37	15.27	13.31	0	52.02	15.69	31.39	0	203.4	35.54	0	138.87	
01/12/2024 04:20	13.55	0	81.29	15.26	13.27	0	53.29	15.59	33.38	0	200.25	34.77	0	139.42	
01/12/2024 04:25	13.55	0	79.3	15.28	13.55	0	50.4	15.69	33.52	0	195.96	36.17	0	134.5	
01/12/2024 04:30	12.55	0	82.54	15.27	13.53	0	51.03	15.66	31.01	0	203.95	35.88	0	135.31	
01/12/2024 04:35	13.21	0	82.88	15.26	13.21	0	53.9	15.6	32.58	0	204.38	34.66	0	141.14	
01/12/2024 04:40	13.07	0	81.9	15.29	13.31	0	51.6	15.72	32.42	0	202.9	35.69	0	138.4	
01/12/2024 04:45	12.59	0	82.82	15.28	13.28	0	51.98	15.7	31.13	0	204.72	35.48	0	138.87	
01/12/2024 04:50	13.17	0	83.28	15.27	13.37	0	54.36	15.59	32.49	0	205.48	34.99	0	142.25	
01/12/2024 04:55	13.15	0	81.73	15.29	13.61	0	52.18	15.67	32.61	0	202.39	36.16	0	138.6	
01/12/2024 05:00	12.65	0	82.89	15.27	14.03	0	51.95	15.64	31.22	0	204.64	37.07	0	137.27	
01/12/2024 05:05	13.02	0	82.08	15.26	13.38	0	53.39	15.58	32.06	0	202.16	34.96	0	139.28	
01/12/2024 05:10	12.96	0	80.7	15.28	13.14	0	51.6	15.68	32.07	0	199.54	35.01	0	137.53	
01/12/2024 05:15	12.49	0	82.96	15.27	13.13	0	51.47	15.66	30.85	0	204.84	34.81	0	136.51	
01/12/2024 05:20	13.17	0	83.65	15.26	13.14	0	53.44	15.59	32.45	0	206.16	34.4	0	139.71	
01/12/2024 05:25	13.07	0	82.26	15.28	13.25	0	51.8	15.72	32.33	0	203.4	35.52	0	138.91	
01/12/2024 05:30	12.34	0	83.72	15.27	13.27	0	53.05	15.69	30.44	0	206.54	35.42	0	141.63	
01/12/2024 05:35	13.07	0	83.4	15.26	13.29	0	53.94	15.62	32.21	0	205.47	35.03	0	141.98	
01/12/2024 05:40	13.07	0	81.42	15.28	13.29	0	51.99	15.73	32.33	0	201.31	35.74	0	139.84	
01/12/2024 05:45	12.5	0	83.57	15.27	12.88	0	52.2	15.71	30.85	0	206.25	34.48	0	139.8	
01/12/2024 05:50	13.12	0	82.14	15.26	13.06	0	53.88	15.6	32.31	0	202.26	34.27	0	141.18	
01/12/2024 05:55	13.15	0	80.47	15.29	13.39	0	52.07	15.71	32.59	0	199.06	35.88	0	139.55	
01/12/2024 06:00	12.6	0	83.89	15.27	13.52	0	51.75	15.69	31.09	0	207.11	36.05	0	138.04	
01/12/2024 06:05	12.79	0	85.03	15.26	13.18	0	54.38	15.6	31.52	0	209.47	34.57	0	142.64	
01/12/2024 06:10	12.77	0	84.1	15.29	13.48	0	53.01	15.69	31.65	0	208.08	35.98	0	141.49	
01/12/2024 06:15	12.49	0	83.17	15.27	13.81	0	53.08	15.67	30.83	0	205.36	36.71	0	141.08	
01/12/2024 06:20	13.22	0	82.86	15.26	13.5	0	54.07	15.59	32.57	0	204.15	35.32	0	141.32	
01/12/2024 06:25	13.24	0	81.91	15.28	13.39	0	52.43	15.69	32.75	0	202.48	35.71	0	139.8	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/12/2024 07:30	11.57	0	86.83	15.28	12.69	0	55.08	15.68	28.61	0	214.66	33.81	0	146.79	
01/12/2024 07:35	11.62	0	86.05	15.27	12.41	0	56.87	15.61	28.67	0	212.3	32.64	0	149.19	
01/12/2024 07:40	11.6	0	85.05	15.29	12.5	0	54.05	15.76	28.76	0	210.65	33.84	0	146.29	
01/12/2024 07:45	11.65	0	86.93	15.28	12.88	0	54.17	15.73	28.81	0	215.07	34.62	0	145.68	
01/12/2024 07:50	12.04	0	85.39	15.26	12.66	0	54.91	15.69	29.69	0	210.47	33.79	0	146.26	
01/12/2024 07:55	12.07	0	84.18	15.29	12.59	0	52.74	15.83	29.92	0	208.34	34.52	0	144.61	
01/12/2024 08:00	11.62	0	87.26	15.28	12.53	0	53.28	15.8	28.72	0	215.78	34.16	0	145.26	
01/12/2024 08:05	11.67	0	88.58	15.26	12.27	0	55.03	15.71	28.77	0	218.35	32.84	0	147.05	
01/12/2024 08:10	11.62	0	86.89	15.29	12.46	0	52.69	15.84	28.81	0	215.09	34.24	0	144.81	
01/12/2024 08:15	11.48	0	86.86	15.28	12.77	0	53.34	15.78	28.39	0	214.75	34.63	0	144.72	
01/12/2024 08:20	11.7	0	86.75	15.26	12.45	0	55.41	15.73	28.84	0	213.79	33.51	0	149.01	
01/12/2024 08:25	11.69	0	86.49	15.29	12.4	0	52.62	15.88	28.97	0	214.1	34.3	0	145.59	
01/12/2024 08:30	11.42	0	87.17	15.28	12.73	0	52.86	15.83	28.22	0	215.44	34.94	0	145.05	
01/12/2024 08:35	12.2	0	88.19	15.26	12.49	0	55.62	15.67	30.08	0	217.45	33.24	0	147.65	
01/12/2024 08:40	12.24	0	86.52	15.29	12.76	0	55.69	15.67	30.32	0	214.15	33.88	0	147.87	
01/12/2024 08:45	11.22	0	87.14	15.27	12.72	0	56.86	15.61	27.72	0	215.27	33.43	0	149.43	
01/12/2024 08:50	11.9	0	86.94	15.26	12.61	0	57.3	15.53	29.32	0	214.27	32.65	0	148.22	
01/12/2024 08:55	11.9	0	85.17	15.28	12.8	0	55.3	15.59	29.45	0	210.58	33.5	0	144.71	
01/12/2024 09:00	10.97	0	88.31	15.27	12.86	0	54.61	15.57	27.08	0	218.03	33.54	0	142.42	
01/12/2024 09:05	11.8	0	89.09	15.26	12.64	0	56.77	15.5	29.06	0	219.47	32.54	0	145.99	
01/12/2024 09:10	11.83	0	88.01	15.27	12.79	0	55.88	15.54	29.23	0	217.27	33.2	0	145.05	
01/12/2024 09:15	11.02	0	88.11	15.27	12.98	0	55.8	15.53	27.24	0	217.7	33.63	0	144.5	
01/12/2024 09:20	11.81	0	88.83	15.26	12.67	0	56.33	15.47	29.13	0	219.03	32.41	0	144.01	
01/12/2024 09:25	11.96	0	87.65	15.28	13.15	0	54.49	15.5	29.58	0	216.55	33.83	0	140.18	
01/12/2024 09:30	11.14	0	86.82	15.28	13.47	0	54.58	15.49	27.54	0	214.61	34.58	0	140.12	
01/12/2024 09:35	11.96	0	87.76	15.26	12.94	0	55.26	15.45	29.49	0	216.43	32.99	0	140.85	
01/12/2024 09:40	12.01	0	86.95	15.27	12.97	0	54.52	15.49	29.69	0	214.76	33.35	0	140.21	
01/12/2024 09:45	11.07	0	86.25	15.27	13.25	0	53.7	15.48	27.32	0	212.85	33.98	0	137.72	
01/12/2024 09:50	12.7	0	85.36	15.26	12.84	0	54.72	15.45	31.33	0	210.5	32.77	0	139.58	
01/12/2024 09:55	12.77	0	83.75	15.28	12.96	0	54.52	15.51	31.58	0	207.05	33.4	0	140.53	
01/12/2024 10:00	11.23	0	86.67	15.26	12.98	0	54.2	15.49	27.69	0	213.68	33.38	0	139.36	
01/12/2024 10:05	11.41	0	85.86	15.25	12.81	0	55.52	15.44	28.05	0	211.09	32.61	0	141.13	
01/12/2024 10:10	11.57	0	84.54	15.26	13.17	0	53.59	15.49	28.54	0	208.35	33.82	0	137.58	
01/12/2024 10:15	11.43	0	86.08	15.26	13.09	0	54	15.48	28.15	0	212	33.58	0	138.48	
01/12/2024 10:20	12.42	0	86.1	15.24	12.78	0	55.38	15.44	30.52	0	211.52	32.54	0	140.86	
01/12/2024 10:25	12.32	0	84.78	15.26	13.11	0	53.65	15.51	30.38	0	208.83	33.79	0	138.31	
01/12/2024 10:30	11.49	0	85.83	15.24	12.94	0	54.2	15.5	28.24	0	210.91	33.32	0	139.6	
01/12/2024 10:35	12.5	0	86.68	15.23	12.81	0	55.48	15.47	30.65	0	212.54	32.8	0	142.05	
01/12/2024 10:40	12.45	0	85.43	15.25	13.09	0	53.45	15.55	30.64	0	210.12	33.99	0	138.82	
01/12/2024 10:45	11.28	0	86.73	15.23	13.08	0	53.66	15.54	27.63	0	212.58	33.91	0	139.12	
01/12/2024 10:50	12.09	0	85.91	15.22	12.81	0	54.91	15.48	29.57	0	210.19	32.9	0	140.81	
01/12/2024 10:55	12.15	0	83.62	15.23	12.83	0	53.4	15.56	29.81	0	205.07	33.36	0	138.88	
01/12/2024 11:00	11.06	0	86.72	15.21	12.91	0	53.55	15.54	27.03	0	211.96	33.44	0	138.76	
01/12/2024 11:05	11.43	0	86.24	15.19	12.62	0	54.74	15.48	27.83	0	209.96	32.39	0	140.28	
01/12/2024 11:10	11.56	0	84.68	15.21	12.98	0	53.62	15.54	28.26	0	206.78	33.67	0	139.07	
01/12/2024 11:15	11.22	0	87.67	15.21	13.11	0	54.27	15.52	27.39	0	214.03	33.89	0	140.29	
01/12/2024 11:20	11.32	0	88.85	15.19	12.73	0	55.42	15.47	27.57	0	216.42	32.57	0	141.65	
01/12/2024 11:25	11.32	0	87.33	15.21	12.95	0	53.85	15.54	27.65	0	213.18	33.56	0	139.54	
01/12/2024 11:30	11.4	0	88.1	15.19	13	0	54.11	15.5	27.75	0	214.5	33.48	0	139.36	
01/12/2024 11:35	11.16	0	87.85	15.17	12.45	0	55.46	15.47	27.07	0	213.09	31.92	0	141.92	
01/12/2024 11:40	11.26	0	86.09	15.19	12.88	0	53.93	15.55	27.44	0	209.46	33.46	0	140.14	
01/12/2024 11:45	10.98	0	87.65	15.18	13.06	0	54.69	15.53	26.68	0	213.01	33.84	0	141.67	
01/12/2024 11:50	11.67	0	89.24	15.17	12.72	0	55.76	15.45	28.3	0	216.35	32.47	0	142.15	
01/12/2024 11:55	11.83	0	88.9	15.18	13.03	0	54.21	15.49	28.77	0	216.01	33.5	0	139.35	
01/12/2024 12:00	11.07	0	87.18	15.16	12.84	0	55.22	15.46	26.82	0	211.17	32.8	0	141.04	
01/12/2024 12:05	12.16	0	85.85	15.15	12.59	0	55.94	15.43	29.38	0	207.49	31.99	0	141.99	
01/12/2024 12:10	12.24	0	84.57	15.17	13.03	0	53.75	15.52	29.7	0	204.98	33.65	0	138.78	
01/12/2024 12:15	11.08	0	87.4	15.16	13.27	0	54.22	15.5	26.84	0	211.7	34.16	0	139.6	
01/12/2024 12:20	11.6	0	87.14	15.14	12.68	0	55.41	15.45	28.02	0	210.44	32.37	0	141.24	
01/12/2024 12:25	11.92	0	85.57	15.17	12.82	0	53.8	15.53	28.93	0	207.43	33.19	0	139.22	
01/12/2024 12:30	11.01	0	88.11	15.16	12.67	0	54.89	15.47	26.66	0	213.32	32.45	0	140.56	
01/12/2024 12:35	10.7	0	88.29	15.14	12.36	0	55.27	15.48	25.8	0	212.97	31.71	0	141.65	
01/12/2024 12:40	10.79	0	86.49	15.17	12.71	0	53.2	15.58	26.22	0	209.56	33.24	0	139.08	
01/12/2024 12:45	11.09	0	88.1	15.16	13.11	0	53.11	15.54	26.85	0	213.17	34.02	0	137.82	
01/12/2024 12:50	11.36	0	87.56	15.14	12.62	0	55.43	15.45	27.4	0	211.24	32.21	0	141.3	
01/12/2024 12:55	11.56	0	85.42	15.17	12.81	0	53.41	15.56	28.06	0	207.08	33.35	0	139.01	
01/12/2024 13:00	10.9	0	87.24	15.15	12.88	0	54.09	15.52	26.35	0	210.91	33.27	0	139.77	
01/12/2024 13:05	11.3	0	87.06	15.13	12.32	0	54.25	15.56	27.24	0	209.84	32.08	0	141.04	
01/12/2024 13:10	11.35	0	85.71	15.17	12.26	0	49.22	15.94	27.57	0	207.69	34.35	0	137.91	
01/12/2024 13:15	10.81	0	87.21	15.15	12.7	0	49.23	15.96	26.15	0	210.97	35.73	0	138.47	
01/12/2024 13:20	11.34	0	86.58	15.14	12.37	0	53.38	15.65	27.34	0	208.78	32.88	0	141.07	
01/12/2024 13:25	11.5	0	84.55	15.18	12.29	0	49.21	15.95	27.99	0	205.32	34.5	0	138.1	
01/12/2024 13:30	10.9	0	86.43	15.15	12.25	0	50.7	15.89	26.33	0	208.79	33.98	0	140.65	
01/12/2024 13:35	11.55	0	87.36	15.13	12.15	0	52.02	15.75	27.84	0	210.57	32.85	0	140.19	
01/12/2024 13:40	11.66	0	86.15	15.18	12.16	0	48.52	15.96	28.41	0	209.2	34.2	0	136.4	
01/12/2024 13:45	10.94	0	86.76	15.16	12.38	0	49.86	15.83	26.46	0	209.93	33.94	0	136.73	
01/12/2024 13:50	11.26	0	85.19	15.14	12.35	0	53.14	15.6	27.17	0	205.51	32.39	0	139	
01/12/2024 13:55	11.5	0	83.09	15.18	12.69	0	50.78	15.72	27.97	0	201.68	34.08	0	136.36	
01/12/2024 14:00															



Date & Time	Stack1_NO <sub>2</sub>	Stack1_SO <sub>2</sub>	Stack1_CO	Stack1_O <sub>2</sub>	Stack1_NO <sub>x</sub>	Stack2_SO <sub>2</sub>	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO <sub>x</sub>	ck1_SO <sub>2</sub>	ck1_CO	ck2_NO <sub>x</sub>	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
01/12/2024 15:00	11	0	88.06	15.19	9.98	0	32.73	17.68	26.79	0	214.55	43.03	0	141.09	
01/12/2024 15:05	11.06	0	88.89	15.18	10.57	0	41.04	16.86	26.86	0	215.91	37.02	0	140.46	
01/12/2024 15:10	11.11	0	87.03	15.3	9.88	0	32.66	17.63	27.8	0	214.94	42.16	0	139.04	
01/12/2024 15:15	10.55	0	88.63	15.2	10.05	0	32.47	17.68	25.72	0	216.07	43.3	0	139.94	
01/12/2024 15:20	11.64	0	89.12	15.19	10.71	0	41.19	16.81	28.34	0	216.88	37.06	0	139.59	
01/12/2024 15:25	11.56	0	85.8	15.38	9.69	0	33.73	17.57	29.62	0	215.27	40.57	0	141.01	
01/12/2024 15:30	10.87	0	87.82	15.21	9.39	0	31.98	17.78	26.56	0	214.58	41.87	0	142.62	
01/12/2024 15:35	11.23	0	88.27	15.19	10.43	0	40.86	16.9	27.36	0	214.93	36.86	0	141.24	
01/12/2024 15:40	11.26	0	86.24	15.31	9.83	0	33.58	17.55	28.19	0	213.51	40.88	0	139.42	
01/12/2024 15:45	11.04	0	88.6	15.22	9.97	0	33.92	17.52	27.02	0	216.72	40.96	0	139.39	
01/12/2024 15:50	11.41	0	88.01	15.2	10.67	0	42.31	16.76	27.82	0	214.54	36.24	0	141.17	
01/12/2024 15:55	11.45	0	84.68	15.29	10.03	0	35.42	17.43	28.5	0	210.1	40.26	0	142.02	
01/12/2024 16:00	10.54	0	89.61	15.22	9.94	0	33.81	17.62	25.77	0	219.22	42.06	0	143.1	
01/12/2024 16:05	11.36	0	89.5	15.2	10.73	0	41.65	16.85	27.73	0	218.41	37.35	0	142.17	
01/12/2024 16:10	11.45	0	86.8	15.34	9.49	0	31.69	17.8	28.88	0	215.81	42.69	0	142.36	
01/12/2024 16:15	10.8	0	89.66	15.23	9.58	0	31.17	17.88	26.47	0	219.76	44.1	0	143.53	
01/12/2024 16:20	10.43	0	90.86	15.21	10.28	0	40.47	17	25.49	0	222.01	37.46	0	143.22	
01/12/2024 16:25	10.35	0	87.97	15.42	9.05	0	29.07	18.09	26.8	0	222.59	44.93	0	143.82	
01/12/2024 16:30	10.31	0	89.51	15.23	8.83	0	26.78	18.35	25.28	0	219.53	48.06	0	145.81	
01/12/2024 16:35	10.97	0	90.26	15.21	10.44	0	42.92	16.79	26.82	0	220.65	37.32	0	144.84	
01/12/2024 16:40	10.72	0	87.27	15.36	10.58	0	39.62	17.03	27.13	0	218.29	38.04	0	142.38	
01/12/2024 16:45	10.36	0	89.6	15.23	10.44	0	38.94	17.12	25.42	0	219.78	38.34	0	143.02	
01/12/2024 16:50	11.7	0	89.31	15.23	10.94	0	45.53	16.52	28.69	0	218.96	34.95	0	143.84	
01/12/2024 16:55	11.62	0	87.49	15.33	10.17	0	38.08	17.22	29.1	0	217.61	38.44	0	143.8	
01/12/2024 17:00	10.39	0	89.63	15.24	10.05	0	36.45	17.41	25.5	0	219.95	40.04	0	145.29	
01/12/2024 17:05	11.42	0	89.43	15.22	11.26	0	50.38	16.12	27.98	0	219.02	33.55	0	146.24	
01/12/2024 17:10	11.33	0	88.52	15.23	12.98	0	56.51	15.35	27.78	0	217.01	32.49	0	141.43	
01/12/2024 17:15	10.7	0	89.45	15.23	13.39	0	55.94	15.35	26.24	0	219.47	33.57	0	140.21	
01/12/2024 17:20	11.43	0	90.88	15.22	12.51	0	56.37	15.44	27.99	0	222.52	31.83	0	143.29	
01/12/2024 17:25	11.53	0	89.35	15.26	12.63	0	51.85	15.8	28.44	0	219.89	34.44	0	141.39	
01/12/2024 17:30	10.85	0	88.65	15.24	12.92	0	52.27	15.84	26.65	0	217.69	35.51	0	143.64	
01/12/2024 17:35	11.38	0	88.54	15.23	12.24	0	53.85	15.68	27.88	0	216.92	32.63	0	143.18	
01/12/2024 17:40	11.43	0	87	15.27	12.26	0	48.88	16.03	28.24	0	214.31	35.03	0	139.67	
01/12/2024 17:45	11.47	0	88.54	15.25	12.44	0	48.53	16.1	28.2	0	217.75	36.05	0	140.68	
01/12/2024 17:50	11.62	0	88.87	15.24	12.44	0	52.57	15.72	28.52	0	218.05	33.49	0	140.89	
01/12/2024 17:55	11.7	0	86.83	15.26	12.57	0	50	15.85	28.87	0	214.04	34.6	0	137.64	
01/12/2024 18:00	11.17	0	87.07	15.25	12.41	0	50.06	15.89	27.48	0	214.22	34.4	0	138.83	
01/12/2024 18:05	12.21	0	88.19	15.24	12.77	0	52.6	15.61	29.99	0	216.56	33.55	0	138.02	
01/12/2024 18:10	12.41	0	86.72	15.26	12.99	0	50.97	15.67	30.58	0	213.49	34.57	0	135.59	
01/12/2024 18:15	11.31	0	87.06	15.25	13.03	0	51.41	15.58	27.84	0	214.2	34.04	0	134.27	
01/12/2024 18:20	11.45	0	86.62	15.23	12.95	0	54.73	15.39	28.07	0	212.43	32.69	0	137.97	
01/12/2024 18:25	11.42	0	85.22	15.24	13.51	0	55.02	15.34	28.05	0	209.2	33.77	0	137.57	
01/12/2024 18:30	11.19	0	87.95	15.25	13.78	0	55.27	15.35	27.53	0	216.28	34.52	0	138.41	
01/12/2024 18:35	11.22	0	87.95	15.23	13.1	0	56.5	15.34	27.53	0	215.73	32.79	0	141.37	
01/12/2024 18:40	11.44	0	86.25	15.25	13.27	0	54.84	15.4	28.16	0	212.07	33.54	0	138.65	
01/12/2024 18:45	11.22	0	87.61	15.25	13.17	0	54.55	15.41	27.61	0	215.66	33.35	0	138.09	
01/12/2024 18:50	10.86	0	88.54	15.24	12.84	0	55.61	15.4	26.65	0	217.29	32.47	0	140.44	
01/12/2024 18:55	10.75	0	87.28	15.25	13.32	0	53.52	15.49	26.46	0	214.57	34.23	0	137.56	
01/12/2024 19:00	11.29	0	87.54	15.26	13.39	0	53.69	15.49	27.8	0	215.57	34.38	0	137.84	
01/12/2024 19:05	12.29	0	87.92	15.25	13	0	54.48	15.45	30.23	0	216.17	33.15	0	138.84	
01/12/2024 19:10	12.31	0	86.75	15.26	13.02	0	53.66	15.52	30.36	0	213.8	33.63	0	138.59	
01/12/2024 19:15	11.41	0	86.96	15.26	13.06	0	53.94	15.52	28.11	0	214.32	33.72	0	139.24	
01/12/2024 19:20	12.37	0	88.2	15.25	12.82	0	55.81	15.45	30.43	0	216.92	32.71	0	142.23	
01/12/2024 19:25	12.51	0	87.08	15.26	13.1	0	53.84	15.52	30.86	0	214.66	33.82	0	139.01	
01/12/2024 19:30	11.55	0	87.34	15.26	13.25	0	55	15.5	28.49	0	215.34	34.13	0	141.66	
01/12/2024 19:35	11.44	0	87.22	15.25	12.77	0	55.39	15.46	28.13	0	214.41	32.65	0	141.49	
01/12/2024 19:40	11.45	0	85.94	15.26	12.91	0	54.23	15.54	28.25	0	211.79	33.47	0	140.54	
01/12/2024 19:45	11.4	0	86.63	15.27	12.95	0	54.64	15.53	28.12	0	213.76	33.56	0	141.55	
01/12/2024 19:50	12.04	0	87.5	15.26	12.78	0	56.1	15.46	29.65	0	215.45	32.66	0	143.23	
01/12/2024 19:55	12.06	0	86.33	15.27	13.22	0	54.2	15.52	29.81	0	213.17	34.18	0	140.12	
01/12/2024 20:00	11.15	0	86.51	15.26	13.28	0	54.81	15.51	27.49	0	213.21	34.26	0	141.38	
01/12/2024 20:05	11.97	0	86.63	15.25	12.8	0	56.29	15.47	29.45	0	213.09	32.75	0	143.95	
01/12/2024 20:10	12.11	0	85.68	15.26	13.09	0	54.4	15.54	29.88	0	211.22	33.95	0	141.15	
01/12/2024 20:15	11.64	0	86.32	15.27	12.81	0	54.36	15.53	28.74	0	213.06	33.19	0	140.82	
01/12/2024 20:20	11.55	0	86.55	15.25	12.62	0	56.12	15.46	28.42	0	212.88	32.24	0	143.17	
01/12/2024 20:25	11.8	0	85.44	15.27	12.93	0	54.98	15.51	29.12	0	210.72	33.38	0	141.9	
01/12/2024 20:30	11.29	0	86.37	15.27	12.69	0	56.2	15.51	27.86	0	213.16	32.72	0	144.92	
01/12/2024 20:35	10.8	0	87.38	15.25	12.53	0	56.09	15.47	26.56	0	214.93	32.09	0	143.47	
01/12/2024 20:40	10.86	0	86.1	15.27	12.96	0	53.35	15.55	26.83	0	212.46	33.64	0	138.52	
01/12/2024 20:45	11.37	0	87.6	15.27	12.83	0	53.64	15.54	28.07	0	216.29	33.25	0	139.04	
01/12/2024 20:50	12.01	0	87.16	15.26	12.7	0	55.25	15.48	29.59	0	214.74	32.56	0	141.5	
01/12/2024 20:55	12.15	0	85.07	15.28	12.7	0	53.99	15.57	30.05	0	210.23	33.09	0	140.74	
01/12/2024 21:00	11.17	0	87.28	15.27	12.67	0	54.27	15.56	27.56	0	215.34	33.01	0	141.36	
01/12/2024 21:05	11.47	0	87.28	15.25	12.57	0	55.41	15.48	28.22	0	214.76	32.25	0	141.98	
01/12/2024 21:10	11.55	0	85.37	15.27	12.96	0	53.73	15.56	28.55	0	210.67	33.75	0	139.89	
01/12/2024 21:15	11.71	0	86.44	15.27	12.78	0	53.53	15.56	28.89	0	213.24	33.25	0	139.24	
01/12/2024 21:20	11.3	0	87.26	15.25	12.66	0	55.74	15.47	27.77	0	214.54	32.4	0	142.44	
01/12/2024 21:25	11.36	0	86.12	15.26											



Date & Time	Stack1_NO <sub>2</sub>	Stack1_SO <sub>2</sub>	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO <sub>2</sub>	Stack2_SO <sub>2</sub>	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO <sub>x</sub>	ck1_SO <sub>2</sub>	ck1_CO	ck2_NO <sub>x</sub>	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
01/12/2024 22:30	11.2	0	86.36	15.27	13	0	54.34	15.55	27.64	0	213.06	33.78	0	141.19	
01/12/2024 22:35	11.53	0	87.4	15.25	12.72	0	56.22	15.48	28.4	0	215.19	32.66	0	144.31	
01/12/2024 22:40	11.71	0	85.63	15.27	12.86	0	53.84	15.55	28.94	0	211.37	33.39	0	139.83	
01/12/2024 22:45	11.5	0	84.91	15.27	12.91	0	53.17	15.54	28.4	0	209.65	33.47	0	137.91	
01/12/2024 22:50	12.22	0	86.64	15.26	12.7	0	55.12	15.48	30.1	0	213.48	32.56	0	141.14	
01/12/2024 22:55	12.36	0	86.4	15.27	12.72	0	54.4	15.54	30.53	0	213.4	32.99	0	141.11	
01/12/2024 23:00	11.53	0	85.74	15.27	12.28	0	54.78	15.54	28.48	0	211.75	31.87	0	142.16	
01/12/2024 23:05	11.86	0	85.67	15.25	12.33	0	56.01	15.47	29.19	0	210.91	31.58	0	143.3	
01/12/2024 23:10	12.02	0	84.34	15.27	13.02	0	53.98	15.54	29.69	0	208.15	33.74	0	139.93	
01/12/2024 23:15	11.55	0	86.64	15.27	13.16	0	54.02	15.53	28.5	0	213.81	34.04	0	139.77	
01/12/2024 23:20	11.93	0	86.1	15.25	12.76	0	55.18	15.48	29.38	0	211.98	32.7	0	141.3	
01/12/2024 23:25	11.83	0	84.17	15.27	12.76	0	53.95	15.54	29.24	0	207.8	33.09	0	139.91	
01/12/2024 23:30	11.44	0	85.99	15.27	12.81	0	53.94	15.54	28.27	0	212.42	33.23	0	139.89	
01/12/2024 23:35	11.89	0	87.29	15.26	12.51	0	55.61	15.47	29.3	0	214.98	32.02	0	142.23	
01/12/2024 23:40	11.87	0	84.96	15.27	12.85	0	53.84	15.53	29.3	0	209.67	33.28	0	139.4	
01/12/2024 23:45	11.61	0	86.43	15.27	12.89	0	53.83	15.52	28.65	0	213.33	33.32	0	139.12	
01/12/2024 23:50	12.36	0	86.24	15.26	12.68	0	55.26	15.48	30.47	0	212.56	32.56	0	141.8	
01/12/2024 23:55	12.48	0	83.87	15.29	13.09	0	53.14	15.56	30.9	0	207.44	34.06	0	138.32	
02/12/2024 00:00	11.82	0	85.45	15.28	13.14	0	53.16	15.56	29.2	0	211.15	34.21	0	138.39	
02/12/2024 00:05	12.05	0	86.86	15.26	12.79	0	54.9	15.48	29.71	0	214.12	32.78	0	140.61	
02/12/2024 00:10	12.13	0	85.02	15.28	13.01	0	53.69	15.54	30.05	0	210.28	33.7	0	139.13	
02/12/2024 00:15	11.65	0	85.1	15.28	13.11	0	53.33	15.53	28.78	0	210.28	33.92	0	137.99	
02/12/2024 00:20	12.03	0	83.55	15.27	12.84	0	54.94	15.47	29.7	0	206.21	32.9	0	140.57	
02/12/2024 00:25	12.04	0	82.04	15.29	13.01	0	53.35	15.55	29.84	0	203.11	33.81	0	138.6	
02/12/2024 00:30	11.6	0	84.46	15.28	12.78	0	53.05	15.54	28.69	0	208.8	33.16	0	137.62	
02/12/2024 00:35	12.37	0	84.15	15.26	12.99	0	53.23	15.48	30.5	0	207.49	33.28	0	136.29	
02/12/2024 00:40	12.42	0	81.94	15.28	13.51	0	50.97	15.54	30.75	0	202.59	35.07	0	132.29	
02/12/2024 00:45	11.91	0	84.11	15.27	13.41	0	51.31	15.54	29.42	0	207.78	34.78	0	133.12	
02/12/2024 00:50	12.38	0	84.38	15.26	13.08	0	53.43	15.48	30.52	0	207.98	33.56	0	136.95	
02/12/2024 00:55	12.26	0	82.61	15.28	13.2	0	51.88	15.55	30.33	0	204.2	34.27	0	134.73	
02/12/2024 01:00	11.98	0	83.67	15.27	13.48	0	51.67	15.54	29.6	0	206.75	34.98	0	134.05	
02/12/2024 01:05	12.72	0	83.77	15.25	13.15	0	52.58	15.48	31.32	0	206.25	33.73	0	134.74	
02/12/2024 01:10	12.73	0	81.96	15.27	13.26	0	51.84	15.53	31.43	0	202.29	34.3	0	134.14	
02/12/2024 01:15	12.12	0	83.94	15.28	13.02	0	51.66	15.52	29.96	0	207.43	33.62	0	133.43	
02/12/2024 01:20	12.14	0	84.32	15.26	12.83	0	53.13	15.46	29.89	0	207.69	32.79	0	135.66	
02/12/2024 01:25	12.21	0	83.08	15.27	13.19	0	51.88	15.5	30.16	0	205	33.98	0	133.63	
02/12/2024 01:30	11.89	0	84.87	15.27	13.36	0	52.05	15.49	29.34	0	209.44	34.33	0	133.74	
02/12/2024 01:35	12.73	0	85.44	15.26	12.96	0	54.61	15.45	31.38	0	210.54	33.04	0	139.15	
02/12/2024 01:40	12.63	0	84.16	15.27	13.17	0	52.69	15.49	31.19	0	207.8	33.83	0	135.36	
02/12/2024 01:45	11.81	0	85.1	15.27	13.2	0	52.34	15.49	29.15	0	210.13	33.9	0	134.39	
02/12/2024 01:50	12.16	0	86.09	15.26	12.9	0	54.1	15.44	29.96	0	212.13	32.84	0	137.6	
02/12/2024 01:55	12.38	0	84.51	15.28	13.29	0	52.34	15.48	30.59	0	208.74	34.08	0	134.2	
02/12/2024 02:00	11.88	0	84.97	15.27	13.44	0	51.98	15.48	29.32	0	209.69	34.43	0	133.2	
02/12/2024 02:05	12.29	0	85.52	15.26	13.03	0	53.53	15.44	30.29	0	210.77	33.15	0	136.1	
02/12/2024 02:10	12.38	0	84.3	15.27	13.22	0	52.8	15.49	30.58	0	208.15	33.95	0	135.64	
02/12/2024 02:15	11.76	0	85.71	15.27	13.2	0	53.13	15.49	29.04	0	211.61	33.94	0	136.55	
02/12/2024 02:20	12.18	0	85.44	15.26	12.88	0	54.54	15.44	29.99	0	210.41	32.78	0	138.73	
02/12/2024 02:25	12.34	0	84.02	15.27	13.28	0	52.6	15.5	30.48	0	207.35	34.16	0	135.31	
02/12/2024 02:30	11.74	0	85.56	15.27	13.14	0	52.58	15.49	28.99	0	211.19	33.76	0	135.07	
02/12/2024 02:35	12.12	0	85.34	15.26	12.97	0	53.72	15.45	29.85	0	210.17	33.08	0	136.93	
02/12/2024 02:40	12.21	0	83.73	15.27	13.23	0	52.35	15.5	30.16	0	206.65	34.08	0	134.85	
02/12/2024 02:45	11.67	0	85.48	15.27	13.34	0	52.2	15.5	28.8	0	211.02	34.38	0	134.49	
02/12/2024 02:50	12.09	0	85.34	15.26	13.02	0	54.27	15.45	29.78	0	210.23	33.18	0	138.29	
02/12/2024 02:55	12.18	0	83.37	15.28	13.18	0	52.58	15.49	30.1	0	205.91	33.87	0	135.11	
02/12/2024 03:00	11.78	0	85.06	15.27	13.39	0	52.13	15.49	29.08	0	209.93	34.38	0	133.83	
02/12/2024 03:05	12.31	0	85	15.26	12.89	0	54	15.45	30.32	0	209.44	32.88	0	137.64	
02/12/2024 03:10	12.41	0	82.9	15.28	13.3	0	53.11	15.52	30.7	0	204.85	34.35	0	137.15	
02/12/2024 03:15	11.89	0	85.32	15.27	13.44	0	53.8	15.51	29.35	0	210.65	34.68	0	138.84	
02/12/2024 03:20	12.3	0	84.86	15.26	13.14	0	54.21	15.46	30.31	0	209.06	33.56	0	138.35	
02/12/2024 03:25	12.42	0	83.37	15.27	13.21	0	52.63	15.52	30.7	0	205.89	34.14	0	136	
02/12/2024 03:30	11.91	0	85.27	15.27	13.13	0	54.14	15.52	29.38	0	210.4	33.9	0	139.85	
02/12/2024 03:35	12.22	0	85.78	15.26	12.87	0	54.81	15.47	30.12	0	211.45	32.96	0	140.23	
02/12/2024 03:40	12.18	0	84.44	15.28	13.25	0	52.1	15.55	30.14	0	208.7	34.44	0	135.38	
02/12/2024 03:45	12.13	0	85.62	15.27	13.33	0	51.98	15.55	29.95	0	211.47	34.6	0	134.94	
02/12/2024 03:50	12.4	0	85.46	15.26	13.05	0	53.41	15.48	30.58	0	210.72	33.46	0	136.83	
02/12/2024 03:55	12.39	0	83.51	15.28	13.36	0	51.91	15.54	30.63	0	206.37	34.65	0	134.65	
02/12/2024 04:00	12	0	85.06	15.27	13.31	0	51.88	15.54	29.64	0	210.11	34.52	0	134.5	
02/12/2024 04:05	12.42	0	85.55	15.26	12.98	0	53.76	15.47	30.61	0	210.81	33.2	0	137.42	
02/12/2024 04:10	12.52	0	84.03	15.28	13.2	0	51.85	15.51	30.94	0	207.54	34.05	0	133.73	
02/12/2024 04:15	11.89	0	85.37	15.27	13.2	0	51.42	15.5	29.38	0	210.88	33.99	0	132.36	
02/12/2024 04:20	12.61	0	85.45	15.26	13.1	0	53.76	15.45	31.07	0	210.6	33.42	0	137.02	
02/12/2024 04:25	12.64	0	83.8	15.28	13.24	0	52.86	15.51	31.26	0	207.09	34.12	0	136.27	
02/12/2024 04:30	12.02	0	85.56	15.27	13.5	0	52.41	15.5	29.69	0	211.25	34.78	0	135.01	
02/12/2024 04:35	12.53	0	85.48	15.26	13.08	0	54.14	15.45	30.86	0	210.62	33.35	0	137.94	
02/12/2024 04:40	12.6	0	84	15.28	13.5	0	52.58	15.49	31.14	0	207.51	34.7	0	135.12	
02/12/2024 04:45	11.85	0	85.16	15.27	13.73	0	52.02	15.49	29.24	0	210.2	35.26	0	133.54	
02/12/2024 04:50	12.28	0	85.69	15.25	13.13	0	54.1	15.45	30.23	0	210.96	33.47	0	137.76	
02/12/2024 04:55	12.36	0	84.08	15.27	13.28	0									



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
02/12/2024 06:00	11.84	0	85.66	15.27	12.92	0	52.69	15.52	29.21	0	211.38	33.38	0	136.09	
02/12/2024 06:05	12.5	0	86.03	15.26	12.93	0	54.45	15.46	30.79	0	211.86	33.01	0	138.93	
02/12/2024 06:10	12.57	0	84.55	15.27	13.13	0	52.66	15.51	31.04	0	208.65	33.88	0	135.83	
02/12/2024 06:15	11.88	0	85.7	15.27	13.17	0	52.63	15.5	29.33	0	211.65	33.91	0	135.46	
02/12/2024 06:20	12.3	0	85.51	15.26	12.88	0	53.99	15.46	30.32	0	210.79	32.93	0	137.96	
02/12/2024 06:25	12.31	0	84.29	15.28	13.07	0	52.75	15.52	30.43	0	208.19	33.74	0	136.19	
02/12/2024 06:30	11.87	0	86.19	15.27	12.81	0	53.41	15.51	29.29	0	212.75	33.03	0	137.67	
02/12/2024 06:35	12.38	0	86.25	15.26	12.83	0	54.44	15.45	30.51	0	212.56	32.75	0	138.87	
02/12/2024 06:40	12.41	0	84.05	15.27	13.13	0	53.35	15.5	30.65	0	207.49	33.81	0	137.39	
02/12/2024 06:45	11.84	0	86.03	15.27	13.2	0	52.91	15.49	29.22	0	212.29	33.95	0	136.03	
02/12/2024 06:50	12.19	0	85.52	15.25	12.88	0	54.22	15.48	30	0	210.53	33.05	0	138.97	
02/12/2024 06:55	12.25	0	84.35	15.27	13.18	0	52.22	15.56	30.24	0	208.06	34.28	0	135.87	
02/12/2024 07:00	11.64	0	86.07	15.27	13.44	0	52.84	15.55	28.73	0	212.5	34.89	0	137.21	
02/12/2024 07:05	12.28	0	85.13	15.25	13.11	0	54.01	15.48	30.23	0	209.6	33.64	0	138.43	
02/12/2024 07:10	12.27	0	83.28	15.27	13.19	0	52.63	15.56	30.3	0	205.59	34.35	0	137.11	
02/12/2024 07:15	11.82	0	84.2	15.27	13.03	0	53.16	15.56	29.17	0	207.86	33.92	0	138.35	
02/12/2024 07:20	12.42	0	83.96	15.26	13.11	0	53.22	15.51	30.61	0	206.93	33.8	0	137.09	
02/12/2024 07:25	12.56	0	82.65	15.28	13.36	0	51.72	15.59	31.05	0	204.14	34.98	0	135.44	
02/12/2024 07:30	11.99	0	83.16	15.28	13.56	0	52.25	15.58	29.66	0	205.66	35.41	0	136.43	
02/12/2024 07:35	12.8	0	82.16	15.27	13.21	0	53.53	15.49	31.57	0	202.69	33.97	0	137.52	
02/12/2024 07:40	12.94	0	79.96	15.28	13.41	0	51.51	15.53	32	0	197.67	34.75	0	133.44	
02/12/2024 07:45	12.18	0	83.37	15.27	13.77	0	51.44	15.53	30.09	0	205.95	35.62	0	133.1	
02/12/2024 07:50	12.57	0	84.09	15.26	13.14	0	53.18	15.48	30.98	0	207.22	33.72	0	136.37	
02/12/2024 07:55	12.72	0	83.52	15.28	13.41	0	51.78	15.55	31.48	0	206.48	34.82	0	134.42	
02/12/2024 08:00	12.07	0	83.01	15.27	13.67	0	51.69	15.54	29.78	0	204.79	35.43	0	133.94	
02/12/2024 08:05	12.55	0	84.49	15.26	13.21	0	53.25	15.48	30.91	0	208.11	33.87	0	136.44	
02/12/2024 08:10	12.64	0	83.54	15.28	13.2	0	51.22	15.57	31.24	0	206.34	34.43	0	133.56	
02/12/2024 08:15	12.02	0	82.79	15.27	13.31	0	51.66	15.56	29.68	0	204.41	34.66	0	134.48	
02/12/2024 08:20	12.95	0	82.12	15.26	13.13	0	52.6	15.51	31.91	0	202.32	33.88	0	135.51	
02/12/2024 08:25	12.94	0	80.15	15.28	13.29	0	50.14	15.61	32.03	0	198.19	34.92	0	131.74	
02/12/2024 08:30	11.98	0	82.42	15.27	12.78	0	50.92	15.6	29.56	0	203.41	33.5	0	133.47	
02/12/2024 08:35	12.56	0	82.06	15.26	13.06	0	52.27	15.53	30.94	0	202.22	33.77	0	135.03	
02/12/2024 08:40	12.55	0	80.2	15.27	13.53	0	49.54	15.6	30.99	0	198.07	35.49	0	129.89	
02/12/2024 08:45	12.14	0	81.93	15.27	13.55	0	49.59	15.58	29.96	0	202.15	35.36	0	129.46	
02/12/2024 08:50	12.95	0	81.55	15.25	13.15	0	51.11	15.52	31.88	0	200.79	34.01	0	132.03	
02/12/2024 08:55	13.09	0	79.47	15.28	13.42	0	50.21	15.59	32.4	0	196.43	35.15	0	131.47	
02/12/2024 09:00	12.58	0	81.38	15.27	13.55	0	50.91	15.56	31.03	0	200.83	35.27	0	132.53	
02/12/2024 09:05	13.24	0	79.99	15.25	13.38	0	52.31	15.5	32.58	0	196.82	34.45	0	134.62	
02/12/2024 09:10	13.32	0	78.02	15.27	13.65	0	50.15	15.53	32.88	0	192.41	35.35	0	129.92	
02/12/2024 09:15	12.24	0	81.42	15.26	13.58	0	50.36	15.51	30.16	0	200.56	35.04	0	129.97	
02/12/2024 09:20	12.81	0	81.96	15.24	13.56	0	51.38	15.46	31.44	0	201.27	34.64	0	131.13	
02/12/2024 09:25	12.96	0	81.02	15.26	13.79	0	49.21	15.53	31.93	0	199.4	35.71	0	127.4	
02/12/2024 09:30	12.72	0	80.95	15.25	13.88	0	48.86	15.52	31.28	0	199.15	35.84	0	126.21	
02/12/2024 09:35	12.93	0	81.67	15.23	13.8	0	50.73	15.39	31.73	0	200.36	34.85	0	127.99	
02/12/2024 09:40	12.92	0	80.37	15.25	14.05	0	50.92	15.39	31.79	0	197.56	35.43	0	128.36	
02/12/2024 09:45	12.23	0	80.4	15.25	13.98	0	52.09	15.39	30.08	0	197.71	35.28	0	131.43	
02/12/2024 09:50	13.91	0	79.78	15.24	13.54	0	51.8	15.43	34.18	0	196	34.41	0	131.55	
02/12/2024 09:55	14.02	0	78.4	15.26	13.96	0	49.82	15.51	34.53	0	193.03	36.02	0	128.59	
02/12/2024 10:00	12.52	0	79.88	15.23	14.41	0	49.89	15.48	30.73	0	195.97	36.95	0	127.98	
02/12/2024 10:05	13.09	0	81.25	15.21	13.75	0	50.68	15.46	32	0	198.61	35.13	0	129.3	
02/12/2024 10:10	12.92	0	80.62	15.23	13.95	0	49.43	15.51	31.64	0	197.36	35.96	0	127.44	
02/12/2024 10:15	12.13	0	81.06	15.22	14.25	0	50.02	15.49	29.7	0	198.45	36.63	0	128.56	
02/12/2024 10:20	13.29	0	79.43	15.21	13.84	0	50.98	15.46	32.47	0	194.08	35.4	0	130.24	
02/12/2024 10:25	13.51	0	77.83	15.23	13.71	0	50.04	15.54	33.13	0	190.66	35.59	0	129.87	
02/12/2024 10:30	12.45	0	81.7	15.21	13.86	0	50.03	15.5	30.42	0	199.61	35.71	0	128.9	
02/12/2024 10:35	12.72	0	82.93	15.19	13.48	0	53.14	15.39	30.97	0	201.87	34.01	0	133.85	
02/12/2024 10:40	12.91	0	81.25	15.2	13.67	0	53.27	15.37	31.49	0	198.09	34.37	0	133.98	
02/12/2024 10:45	11.97	0	83.91	15.2	14.03	0	53.33	15.38	29.18	0	204.5	35.34	0	134.32	
02/12/2024 10:50	12.32	0	83.07	15.17	13.36	0	54.6	15.34	29.92	0	201.68	33.42	0	136.5	
02/12/2024 10:55	12.4	0	81.88	15.19	13.59	0	52.93	15.41	30.18	0	199.18	34.38	0	133.88	
02/12/2024 11:00	12.23	0	83.57	15.17	13.95	0	53.16	15.4	29.69	0	202.85	35.28	0	134.42	
02/12/2024 11:05	12.8	0	84.52	15.16	12.99	0	51.35	15.63	30.99	0	204.67	34.27	0	135.22	
02/12/2024 11:10	12.77	0	82.39	15.19	12.7	0	47.04	15.96	31.12	0	200.37	35.73	0	132.27	
02/12/2024 11:15	12.35	0	82.5	15.16	12.81	0	48.75	15.84	29.92	0	199.85	35.19	0	133.89	
02/12/2024 11:20	12.23	0	83.31	15.14	12.73	0	50.76	15.7	29.53	0	201.07	34.04	0	135.32	
02/12/2024 11:25	12.17	0	82.99	15.16	12.94	0	50.38	15.7	29.46	0	200.73	34.69	0	134.64	
02/12/2024 11:30	12	0	85.36	15.16	13.41	0	54.22	15.43	29.05	0	206.67	34.08	0	137.85	
02/12/2024 11:35	11.64	0	84.49	15.13	12.93	0	54.27	15.46	28.06	0	203.7	33.06	0	138.55	
02/12/2024 11:40	11.93	0	83.35	15.16	13.26	0	51.99	15.59	28.89	0	201.6	34.73	0	136.17	
02/12/2024 11:45	11.89	0	85.19	15.14	13.63	0	52.78	15.52	28.7	0	205.6	35.17	0	136.26	
02/12/2024 11:50	11.78	0	85.65	15.13	12.86	0	54.6	15.47	28.36	0	206.19	32.92	0	139.57	
02/12/2024 11:55	11.67	0	84.56	15.15	13.03	0	52.69	15.59	28.21	0	204.15	34.12	0	137.92	
02/12/2024 12:00	11.82	0	85.33	15.14	13.19	0	52.52	15.53	28.52	0	205.94	34.15	0	136.01	
02/12/2024 12:05	11.76	0	85.07	15.11	12.76	0	53.67	15.48	28.26	0	204.38	32.76	0	137.54	
02/12/2024 12:10	12.02	0	83.4	15.14	13.26	0	51.09	15.57	29.04	0	201.17	34.6	0	133.31	
02/12/2024 12:15	12.04	0	84.92	15.13	13.47	0	50.83	15.51	29.02	0	204.67	34.73	0	131.06	
02/12/2024 12:20	12.63	0	84.37	15.11	13.12	0	52.69	15.49	30.31	0	202.5	33.74	0	135.2	
02/12/2024 12:25	12.63	0	82.42	15.14	12.97	0	51.54	15.59	30.46	0	198.59	33.93	0	134.85	
02/12/2															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	bk1_NO	bk1_SO	bk1_CO	bk2_NO	bk2_SO	bk2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
02/12/2024 13:30	11	0	88.11	15.12	12.11	0	47.34	16.12	26.47	0	212.04	35.18	0	137.55	
02/12/2024 13:35	11.37	0	88.38	15.11	12.25	0	51.42	15.78	27.3	0	212.25	33.34	0	139.23	
02/12/2024 13:40	11.55	0	86.83	15.16	12.24	0	47.18	16.06	28	0	209.76	35.16	0	135.5	
02/12/2024 13:45	10.98	0	88.11	15.12	12.34	0	47.34	16	26.41	0	211.98	35.05	0	134.43	
02/12/2024 13:50	11.36	0	88.44	15.11	12.01	0	50.48	15.84	27.25	0	212.19	33.06	0	138.24	
02/12/2024 13:55	11.42	0	86.64	15.19	11.65	0	45.32	16.27	27.87	0	210.28	34.95	0	135.96	
02/12/2024 14:00	10.98	0	87.4	15.14	11.59	0	45.88	16.21	26.49	0	210.93	34.39	0	136.08	
02/12/2024 14:05	11.53	0	87.3	15.12	11.84	0	49.39	15.87	27.74	0	210.01	32.82	0	136.41	
02/12/2024 14:10	11.66	0	85.46	15.18	11.78	0	44.69	16.29	28.38	0	207.17	35.53	0	134.74	
02/12/2024 14:15	11.21	0	87.42	15.16	11.81	0	44.73	16.32	27.12	0	211.54	35.83	0	135.68	
02/12/2024 14:20	11.38	0	87.52	15.14	11.81	0	48.75	16	27.47	0	211.26	33.61	0	137.86	
02/12/2024 14:25	11.41	0	85.7	15.21	11.74	0	44.2	16.42	27.94	0	208.87	36.42	0	137.16	
02/12/2024 14:30	11.12	0	86.66	15.17	11.72	0	44.66	16.37	26.96	0	210.15	35.94	0	136.94	
02/12/2024 14:35	11.3	0	85.79	15.15	11.9	0	47.83	16.01	27.31	0	207.37	33.92	0	135.72	
02/12/2024 14:40	11.33	0	83.85	15.23	11.81	0	43.8	16.38	27.91	0	205.29	36.34	0	134.74	
02/12/2024 14:45	11.32	0	86.55	15.17	11.83	0	44.7	16.33	27.49	0	210.08	35.99	0	136.01	
02/12/2024 14:50	11.53	0	87.73	15.16	11.9	0	49.41	15.99	27.9	0	212.34	33.8	0	140.22	
02/12/2024 14:55	11.52	0	86.02	15.24	11.47	0	43.86	16.44	28.34	0	210.56	35.76	0	136.66	
02/12/2024 15:00	11.12	0	87.42	15.18	11.48	0	43.72	16.45	27.02	0	212.44	35.86	0	136.51	
02/12/2024 15:05	11.52	0	87.4	15.17	11.58	0	47.57	16.14	27.93	0	211.86	33.89	0	138.31	
02/12/2024 15:10	11.47	0	85.39	15.26	11.15	0	42.75	16.63	28.36	0	209.99	36.26	0	139.02	
02/12/2024 15:15	10.87	0	87.83	15.19	10.94	0	43.17	16.67	26.45	0	213.65	35.92	0	141.77	
02/12/2024 15:20	11.23	0	88.72	15.17	11.4	0	48.17	16.23	27.23	0	215.12	34.03	0	143.82	
02/12/2024 15:25	11.29	0	86.29	15.22	11.16	0	42.03	16.69	27.65	0	211.13	36.84	0	138.7	
02/12/2024 15:30	10.93	0	87.27	15.19	11.5	0	42.42	16.64	26.6	0	212.32	37.5	0	138.34	
02/12/2024 15:35	11.31	0	87.49	15.17	11.58	0	46.69	16.25	27.44	0	212.14	34.78	0	139.14	
02/12/2024 15:40	11.39	0	85.24	15.28	11.08	0	40.74	16.8	28.29	0	210.16	37.57	0	138.06	
02/12/2024 15:45	11.01	0	87.07	15.19	11.22	0	41.2	16.8	26.82	0	212.03	37.99	0	139.53	
02/12/2024 15:50	11.76	0	86.94	15.18	11.97	0	48.15	16.08	28.56	0	211.18	34.73	0	138.49	
02/12/2024 15:55	11.76	0	85.17	15.25	11.76	0	44.73	16.35	29	0	209.12	35.9	0	136.59	
02/12/2024 16:00	11.07	0	88.43	15.2	11.64	0	44.61	16.36	27	0	215.62	35.61	0	136.47	
02/12/2024 16:05	11.56	0	87.87	15.18	11.7	0	48.4	16.08	28.1	0	213.53	33.81	0	139.12	
02/12/2024 16:10	11.63	0	85.41	15.3	11.09	0	41.59	16.76	29.02	0	211.43	37.21	0	139.5	
02/12/2024 16:15	11.07	0	87.78	15.21	11.17	0	42.38	16.75	27.02	0	214.26	37.45	0	142.04	
02/12/2024 16:20	11.7	0	87.66	15.19	11.47	0	47.66	16.22	28.49	0	213.39	34.26	0	141.02	
02/12/2024 16:25	11.61	0	86.13	15.27	10.99	0	40.43	16.85	28.72	0	212.02	37.74	0	138.76	
02/12/2024 16:30	10.66	0	88.67	15.21	10.67	0	39.59	16.94	26.04	0	216.64	37.49	0	139.11	
02/12/2024 16:35	11.23	0	89.14	15.2	11.32	0	47.2	16.28	27.36	0	217.29	34.3	0	141.34	
02/12/2024 16:40	11.17	0	87.36	15.28	10.62	0	40.34	16.95	27.76	0	215.69	37.33	0	141.81	
02/12/2024 16:45	10.87	0	89.02	15.22	10.11	0	40.05	17.07	26.58	0	217.69	36.68	0	145.29	
02/12/2024 16:50	11.32	0	88.67	15.2	11.28	0	48.28	16.23	27.58	0	216.14	33.84	0	143.51	
02/12/2024 16:55	11.34	0	86.83	15.27	11.35	0	43.35	16.62	28.12	0	213.83	36.91	0	140.88	
02/12/2024 17:00	10.81	0	88.86	15.22	10.97	0	41.17	16.81	26.44	0	217.46	37.29	0	139.96	
02/12/2024 17:05	11.18	0	88.81	15.21	11.6	0	50.83	16.07	27.29	0	216.81	33.68	0	146.86	
02/12/2024 17:10	11.2	0	86.92	15.27	11.39	0	46.48	16.37	27.67	0	213.91	34.98	0	142.67	
02/12/2024 17:15	10.73	0	89.47	15.22	11.45	0	45.19	16.49	26.27	0	219.04	36.13	0	142.55	
02/12/2024 17:20	11.25	0	89.59	15.21	11.8	0	50.51	15.97	27.48	0	218.88	33.44	0	142.21	
02/12/2024 17:25	11.23	0	87.93	15.26	11.94	0	46.98	16.23	27.75	0	216.45	35.51	0	139.73	
02/12/2024 17:30	10.72	0	89.56	15.22	11.83	0	45.98	16.32	26.24	0	219.26	35.88	0	139.47	
02/12/2024 17:35	11.47	0	89.22	15.21	12.03	0	52.56	15.8	28	0	217.9	32.95	0	142.79	
02/12/2024 17:40	11.47	0	87.37	15.26	11.94	0	49.56	16.03	28.27	0	214.77	34.11	0	141.61	
02/12/2024 17:45	10.68	0	89.74	15.23	11.55	0	49.02	16.12	26.19	0	220.01	33.57	0	142.5	
02/12/2024 17:50	10.86	0	90.4	15.21	11.96	0	53.98	15.75	26.55	0	220.95	32.34	0	145.93	
02/12/2024 17:55	10.91	0	88.91	15.25	12.34	0	51.78	15.88	26.87	0	218.34	34.19	0	143.44	
02/12/2024 18:00	10.58	0	90.17	15.23	12.39	0	51.89	15.9	25.83	0	220.97	34.41	0	144.12	
02/12/2024 18:05	11.99	0	91.28	15.22	12.35	0	55.49	15.63	29.32	0	223.4	32.58	0	146.04	
02/12/2024 18:10	12.05	0	90.01	15.25	12.44	0	53.24	15.77	29.67	0	221.28	33.73	0	144.37	
02/12/2024 18:15	10.55	0	91.27	15.23	12.53	0	53.16	15.81	25.88	0	223.86	34.21	0	145.1	
02/12/2024 18:20	10.83	0	90.81	15.22	12.26	0	56.32	15.58	26.49	0	222.06	32.08	0	146.97	
02/12/2024 18:25	11.01	0	89.39	15.24	12.45	0	54.76	15.66	27.06	0	219.31	33.01	0	145.23	
02/12/2024 18:30	10.64	0	92.05	15.24	12.75	0	54.64	15.66	26.1	0	225.92	33.81	0	144.88	
02/12/2024 18:35	10.31	0	92.71	15.22	12.22	0	58	15.51	25.25	0	227.06	31.54	0	149.37	
02/12/2024 18:40	10.55	0	90.87	15.26	12.31	0	57.28	15.58	26.02	0	223.59	32.16	0	149.65	
02/12/2024 18:45	10.59	0	92	15.26	12.39	0	58.31	15.59	26.08	0	226.68	32.41	0	152.53	
02/12/2024 18:50	11.4	0	91.83	15.25	12.16	0	59.83	15.5	28.03	0	225.79	31.34	0	154.02	
02/12/2024 18:55	11.83	0	90.24	15.27	12.5	0	57.68	15.61	29.22	0	222.72	32.85	0	151.62	
02/12/2024 19:00	10.75	0	91.66	15.27	12.72	0	57.63	15.61	26.55	0	226.29	33.42	0	151.4	
02/12/2024 19:05	11.32	0	92.47	15.26	12.43	0	59.49	15.52	27.89	0	227.81	32.1	0	153.4	
02/12/2024 19:10	11.64	0	91.3	15.28	12.61	0	55.97	15.62	28.78	0	225.66	33.18	0	147.28	
02/12/2024 19:15	10.89	0	91.5	15.27	12.42	0	55.81	15.63	26.9	0	226.08	32.73	0	147.07	
02/12/2024 19:20	11.19	0	92	15.26	12.07	0	59.87	15.5	27.56	0	226.61	31.11	0	153.84	
02/12/2024 19:25	11.11	0	90.35	15.28	12.5	0	57.69	15.58	27.48	0	223.14	32.67	0	150.83	
02/12/2024 19:30	10.79	0	92.69	15.28	12.67	0	57.2	15.57	26.68	0	229.29	33.07	0	149.28	
02/12/2024 19:35	10.56	0	93.22	15.26	12.1	0	59.74	15.49	26.03	0	229.82	31.13	0	153.43	
02/12/2024 19:40	10.78	0	91.31	15.29	12.16	0	59.17	15.57	26.71	0	226.02	31.68	0	154.23	
02/12/2024 19:45	9.99	0	93.46	15.27	11.94	0	59.77	15.58	24.69	0	230.94	31.16	0	156.01	
02/12/2024 19:50	10.63	0	92.96	15.26	11.67	0	60.69	15.49	26.2	0	229.08	30.02	0	155.92	
02/12/2024 19:55	10.71	0	91.42	15.28	12.18	0	58.71	15.58	26.5	0	225.9	31.82	0	153.37	
02/12/2024 20:00	10.48	0	93.9												



Date & Time	Stack1_NO <sub>2</sub>	Stack1_SO <sub>2</sub>	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO <sub>2</sub>	Stack2_SO <sub>2</sub>	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO <sub>x</sub>	ck1_SO <sub>2</sub>	ck1_CO	ck2_NO <sub>x</sub>	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
02/12/2024 21:00	10.06	0	94.51	15.28	12.72	0	58.86	15.53	24.88	0	233.79	32.95	0	152.48	
02/12/2024 21:05	10.59	0	95.27	15.27	12.08	0	61.11	15.47	26.13	0	235.09	30.96	0	156.38	
02/12/2024 21:10	10.72	0	94.31	15.28	12.34	0	59.51	15.55	26.54	0	233.24	32.06	0	154.68	
02/12/2024 21:15	10.75	0	93.91	15.28	12.44	0	59.88	15.55	26.61	0	232.45	32.3	0	155.47	
02/12/2024 21:20	11.14	0	94.25	15.27	12.02	0	61.96	15.47	27.5	0	232.72	30.81	0	158.57	
02/12/2024 21:25	11.22	0	91.45	15.28	12.44	0	58.71	15.54	27.78	0	226.23	32.27	0	152.34	
02/12/2024 21:30	10.8	0	93.66	15.29	12.61	0	58.03	15.54	26.76	0	231.98	32.71	0	150.55	
02/12/2024 21:35	10.8	0	94.36	15.27	11.98	0	60.93	15.47	26.68	0	233.05	30.69	0	155.91	
02/12/2024 21:40	10.63	0	93.46	15.28	12.38	0	59.42	15.54	26.31	0	231.23	32.13	0	154.16	
02/12/2024 21:45	10.48	0	93.96	15.29	12.48	0	59.09	15.54	25.98	0	232.85	32.38	0	153.26	
02/12/2024 21:50	10.91	0	93.37	15.28	12.15	0	60.46	15.49	26.96	0	230.78	31.22	0	155.15	
02/12/2024 21:55	11	0	91.79	15.29	12.33	0	59.12	15.56	27.3	0	227.48	32.1	0	153.87	
02/12/2024 22:00	10.09	0	94.15	15.29	12.14	0	59.47	15.55	24.98	0	233.06	31.56	0	154.6	
02/12/2024 22:05	11.41	0	94.01	15.28	12	0	61.02	15.48	28.22	0	232.43	30.8	0	156.46	
02/12/2024 22:10	11.68	0	91.83	15.29	12.27	0	59.62	15.54	28.94	0	227.44	31.82	0	154.67	
02/12/2024 22:15	10.32	0	94.14	15.29	12.11	0	59.48	15.54	25.56	0	233.28	31.42	0	154.32	
02/12/2024 22:20	11.41	0	94.55	15.28	12.04	0	60.98	15.48	28.22	0	233.85	30.91	0	156.43	
02/12/2024 22:25	11.7	0	93.2	15.3	12.43	0	59.66	15.54	29.02	0	231.06	32.23	0	154.7	
02/12/2024 22:30	10.25	0	93.92	15.29	12.27	0	59.53	15.54	25.38	0	232.57	31.82	0	154.44	
02/12/2024 22:35	10.9	0	94.61	15.27	11.9	0	61.38	15.48	26.94	0	233.77	30.56	0	157.42	
02/12/2024 22:40	10.86	0	92.82	15.29	12.28	0	59.1	15.55	26.94	0	229.99	31.91	0	153.56	
02/12/2024 22:45	10.61	0	93.73	15.29	12.34	0	58.72	15.54	26.29	0	232.24	32.02	0	152.34	
02/12/2024 22:50	10.98	0	94.45	15.28	12.02	0	61.21	15.49	27.14	0	233.55	30.9	0	157.11	
02/12/2024 22:55	11.12	0	93.18	15.3	12.33	0	59.73	15.57	27.6	0	231.1	32.16	0	155.87	
02/12/2024 23:00	10.19	0	95.36	15.29	12.03	0	60.8	15.58	25.24	0	236.25	31.41	0	158.7	
02/12/2024 23:05	10.81	0	96.15	15.27	11.75	0	63.01	15.5	26.71	0	237.51	30.26	0	162.02	
02/12/2024 23:10	10.98	0	94.33	15.3	12	0	60.48	15.57	27.25	0	233.85	31.33	0	157.84	
02/12/2024 23:15	10.51	0	94.82	15.29	11.83	0	59.33	15.57	26.06	0	235.04	30.82	0	154.59	
02/12/2024 23:20	11.33	0	95.34	15.28	11.77	0	61.84	15.5	28.02	0	235.83	30.29	0	159.05	
02/12/2024 23:25	11.29	0	93.49	15.3	12.13	0	60.18	15.56	28.01	0	231.8	31.59	0	156.72	
02/12/2024 23:30	10.54	0	95.48	15.29	11.81	0	60.23	15.56	26.12	0	236.66	30.77	0	156.91	
02/12/2024 23:35	11.67	0	95.65	15.28	11.79	0	62.42	15.49	28.89	0	236.78	30.32	0	160.33	
02/12/2024 23:40	11.82	0	94.28	15.3	12.15	0	60.95	15.56	29.35	0	233.93	31.6	0	158.56	
02/12/2024 23:45	10.63	0	94.17	15.3	12.5	0	61.16	15.55	26.36	0	233.63	32.49	0	158.94	
02/12/2024 23:50	10.78	0	93.5	15.29	12.1	0	60.96	15.5	26.7	0	231.55	31.13	0	156.66	
02/12/2024 23:55	10.98	0	92.08	15.3	12.61	0	58.43	15.57	27.29	0	228.55	32.89	0	152.45	
03/12/2024 00:00	10.83	0	93.73	15.3	12.78	0	58.55	15.57	26.87	0	232.48	33.34	0	152.74	
03/12/2024 00:05	11.14	0	94.7	15.29	12.3	0	59.7	15.5	27.59	0	234.47	31.71	0	153.73	
03/12/2024 00:10	11.24	0	93.3	15.3	12.06	0	59.24	15.57	27.92	0	231.62	31.45	0	154.49	
03/12/2024 00:15	10.29	0	94.07	15.29	12.03	0	59.34	15.57	25.52	0	233.17	31.37	0	154.73	
03/12/2024 00:20	10.82	0	94.4	15.28	11.93	0	60.86	15.51	26.79	0	233.65	30.77	0	156.79	
03/12/2024 00:25	10.91	0	92.82	15.31	12.17	0	59.65	15.59	27.12	0	230.52	31.83	0	156.04	
03/12/2024 00:30	10.65	0	94.94	15.3	12.03	0	59.86	15.59	26.42	0	235.58	31.47	0	156.57	
03/12/2024 00:35	10.75	0	94.95	15.28	11.87	0	61.32	15.5	26.59	0	234.92	30.58	0	157.86	
03/12/2024 00:40	10.96	0	93.3	15.3	12.11	0	60.12	15.57	27.18	0	231.4	31.59	0	156.82	
03/12/2024 00:45	10.62	0	94.86	15.3	12.39	0	60.05	15.57	26.35	0	235.33	32.3	0	156.51	
03/12/2024 00:50	10.69	0	95.15	15.28	11.95	0	61.93	15.49	26.43	0	235.2	30.73	0	159.11	
03/12/2024 00:55	11.14	0	93.82	15.29	12.14	0	60.82	15.56	27.62	0	232.45	31.57	0	158.24	
03/12/2024 01:00	10.54	0	95.12	15.29	12.55	0	60.81	15.56	26.11	0	235.67	32.65	0	158.23	
03/12/2024 01:05	11.13	0	95.01	15.28	12.01	0	62.41	15.49	27.51	0	234.85	30.88	0	160.17	
03/12/2024 01:10	11.22	0	93.6	15.3	12.1	0	60.88	15.57	27.84	0	232.02	31.52	0	158.63	
03/12/2024 01:15	10.49	0	95.4	15.29	12.14	0	61.94	15.57	26.01	0	236.47	31.64	0	161.44	
03/12/2024 01:20	10.54	0	96.06	15.27	11.7	0	63.12	15.49	26.05	0	237.35	30.07	0	162.03	
03/12/2024 01:25	10.38	0	94.28	15.3	11.98	0	61.14	15.56	25.76	0	233.65	31.17	0	159.05	
03/12/2024 01:30	10.29	0	96.4	15.29	12.13	0	61.77	15.55	25.48	0	238.75	31.53	0	160.62	
03/12/2024 01:35	10.55	0	95.97	15.27	11.7	0	62.76	15.5	26.06	0	236.94	30.1	0	161.38	
03/12/2024 01:40	10.88	0	94.23	15.29	12.11	0	60.57	15.56	26.98	0	233.31	31.55	0	157.78	
03/12/2024 01:45	10.27	0	95.47	15.29	12.39	0	60.16	15.56	25.44	0	236.41	32.28	0	156.71	
03/12/2024 01:50	10.46	0	95.22	15.27	11.81	0	62.02	15.5	25.84	0	235.2	30.44	0	159.66	
03/12/2024 01:55	10.48	0	93.93	15.29	11.88	0	61.66	15.58	26.01	0	232.7	31.01	0	160.96	
03/12/2024 02:00	10.42	0	96.38	15.29	11.97	0	61.88	15.57	25.82	0	238.88	31.23	0	161.47	
03/12/2024 02:05	10.38	0	96.25	15.27	11.65	0	63.57	15.51	25.62	0	237.65	30.07	0	163.86	
03/12/2024 02:10	10.65	0	94.68	15.29	12.02	0	61.34	15.59	26.42	0	234.58	31.45	0	160.47	
03/12/2024 02:15	10.47	0	95.79	15.29	11.95	0	61.56	15.59	25.96	0	237.38	31.31	0	161.27	
03/12/2024 02:20	10.72	0	95.51	15.28	11.82	0	61.76	15.53	26.52	0	236.27	30.6	0	159.84	
03/12/2024 02:25	10.8	0	93.8	15.3	11.91	0	61.01	15.6	26.83	0	232.73	31.22	0	159.91	
03/12/2024 02:30	10.4	0	95.72	15.3	11.8	0	61	15.59	25.8	0	237.39	30.86	0	159.56	
03/12/2024 02:35	10.37	0	95.2	15.28	11.67	0	62.3	15.54	25.64	0	235.36	30.25	0	161.43	
03/12/2024 02:40	10.39	0	93.54	15.3	11.9	0	60.54	15.6	25.8	0	232.07	31.23	0	158.84	
03/12/2024 02:45	10.23	0	95.33	15.29	11.58	0	60.89	15.61	25.36	0	236.24	30.4	0	159.88	
03/12/2024 02:50	10.8	0	95.51	15.28	11.5	0	62.83	15.53	26.72	0	236.27	29.75	0	162.39	
03/12/2024 02:55	10.93	0	93.54	15.3	11.85	0	60.99	15.6	27.16	0	232.21	31.07	0	159.86	
03/12/2024 03:00	10.61	0	94.25	15.29	11.77	0	60.55	15.58	26.29	0	233.68	30.76	0	158.28	
03/12/2024 03:05	11.04	0	94.58	15.28	11.76	0	61.42	15.52	27.27	0	233.74	30.37	0	158.53	
03/12/2024 03:10	11.06	0	93.44	15.3	11.95	0	61.09	15.58	27.46	0	231.74	31.26	0	159.75	
03/12/2024 03:15	10.04	0	96.13	15.29	11.78	0	62.5	15.59	24.88	0	238.24	30.83	0	163.58	
03/12/2024 03:20	10.76	0	95.69	15.28	11.57	0	63.22	15.51	26.61	0	236.71	29.85	0	162.92	
03/12/2024 03:25	10.82	0	94.09	15.3	11.73										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/12/2024 04:30	10.37	0	96.09	15.29	11.92	0	61.47	15.59	25.69	0	238.16	31.22	0	160.97	
03/12/2024 04:35	10.65	0	96.65	15.28	11.66	0	63.19	15.52	26.34	0	239.03	30.14	0	163.09	
03/12/2024 04:40	10.71	0	94.32	15.29	11.98	0	61.79	15.59	26.58	0	233.81	31.35	0	161.74	
03/12/2024 04:45	10.35	0	95.52	15.29	12.13	0	61.97	15.59	25.64	0	236.71	31.72	0	162.09	
03/12/2024 04:50	10.97	0	95.55	15.28	11.95	0	62.38	15.51	27.13	0	236.38	30.8	0	160.68	
03/12/2024 04:55	11.05	0	94.43	15.3	12.17	0	59.97	15.57	27.42	0	234.12	31.77	0	156.5	
03/12/2024 05:00	10.38	0	94.76	15.3	11.95	0	60.72	15.58	25.74	0	235.04	31.22	0	158.59	
03/12/2024 05:05	10.73	0	96.24	15.28	11.7	0	62.72	15.51	26.52	0	237.99	30.15	0	161.48	
03/12/2024 05:10	10.84	0	95.01	15.3	11.82	0	62.25	15.58	26.9	0	235.55	30.86	0	162.5	
03/12/2024 05:15	10.04	0	97.65	15.29	12.03	0	62.72	15.57	24.89	0	242.14	31.36	0	163.48	
03/12/2024 05:20	10.32	0	96.73	15.28	11.59	0	63.55	15.51	25.53	0	239.37	29.89	0	163.76	
03/12/2024 05:25	10.45	0	95.14	15.3	12.06	0	61.6	15.56	25.94	0	236.02	31.37	0	160.24	
03/12/2024 05:30	10.24	0	96.65	15.29	12.19	0	62.95	15.55	25.39	0	239.68	31.66	0	163.56	
03/12/2024 05:35	10.37	0	97.4	15.28	11.72	0	63.43	15.49	25.64	0	240.84	30.11	0	162.8	
03/12/2024 05:40	10.62	0	95.63	15.3	12.23	0	60.9	15.53	26.38	0	237.13	31.67	0	157.73	
03/12/2024 05:45	10.26	0	95.6	15.3	12.64	0	60.8	15.53	25.44	0	237.16	32.71	0	157.32	
03/12/2024 05:50	10.68	0	96.07	15.29	11.84	0	63.08	15.48	26.43	0	237.89	30.37	0	161.53	
03/12/2024 05:55	10.67	0	94.49	15.3	12.08	0	61.71	15.53	26.49	0	234.41	31.27	0	159.83	
03/12/2024 06:00	10.47	0	93.95	15.3	12.09	0	61.81	15.53	25.98	0	233.1	31.29	0	159.94	
03/12/2024 06:05	11.17	0	93.9	15.28	11.88	0	62.6	15.47	27.63	0	232.17	30.41	0	160.15	
03/12/2024 06:10	11.21	0	92.55	15.29	12.07	0	61.6	15.52	27.8	0	229.32	31.18	0	159.09	
03/12/2024 06:15	10.24	0	95.52	15.3	12.17	0	61.63	15.52	25.4	0	236.9	31.44	0	159.18	
03/12/2024 06:20	10.96	0	96.63	15.28	11.84	0	63.66	15.48	27.1	0	238.93	30.38	0	163.14	
03/12/2024 06:25	11.09	0	95.07	15.3	11.95	0	62.46	15.55	27.52	0	235.71	31.04	0	162.21	
03/12/2024 06:30	10.57	0	94.77	15.3	12.03	0	61.66	15.55	26.23	0	235.05	31.24	0	160.1	
03/12/2024 06:35	11.04	0	94.21	15.28	11.9	0	62.27	15.49	27.32	0	233.19	30.6	0	160.05	
03/12/2024 06:40	11.21	0	93.2	15.3	12.41	0	59.19	15.57	27.82	0	231.19	32.33	0	154.23	
03/12/2024 06:45	10.56	0	93.09	15.29	12.47	0	59.58	15.56	26.18	0	230.78	32.47	0	155.15	
03/12/2024 06:50	10.79	0	94.02	15.28	12.08	0	61.81	15.52	26.72	0	232.69	31.21	0	159.67	
03/12/2024 06:55	10.86	0	92.69	15.3	12.02	0	59.49	15.58	26.98	0	230.03	31.41	0	155.44	
03/12/2024 07:00	10.54	0	94.3	15.3	11.97	0	58.97	15.57	26.15	0	234	31.23	0	153.88	
03/12/2024 07:05	10.73	0	93.59	15.28	11.81	0	61.26	15.53	26.55	0	231.52	30.57	0	158.36	
03/12/2024 07:10	10.87	0	92.13	15.3	12.07	0	59.93	15.61	26.97	0	228.42	31.74	0	157.55	
03/12/2024 07:15	10.36	0	94.16	15.3	12.39	0	59.88	15.6	25.73	0	233.76	32.51	0	157.08	
03/12/2024 07:20	11.28	0	94.69	15.29	11.86	0	61.58	15.53	27.94	0	234.6	30.71	0	159.32	
03/12/2024 07:25	11.36	0	92.7	15.31	11.85	0	60.59	15.57	28.27	0	230.47	30.92	0	158.05	
03/12/2024 07:30	10.27	0	94.74	15.29	11.47	0	60.5	15.56	25.47	0	234.88	29.85	0	157.46	
03/12/2024 07:35	11.16	0	94.76	15.28	11.71	0	61.77	15.5	27.62	0	234.5	30.12	0	158.79	
03/12/2024 07:40	11.26	0	93.37	15.3	12.1	0	60.26	15.55	27.95	0	231.53	31.42	0	156.53	
03/12/2024 07:45	10.33	0	94.75	15.3	12.08	0	60.47	15.53	25.64	0	235.13	31.27	0	156.56	
03/12/2024 07:50	10.82	0	95.7	15.28	11.85	0	61.9	15.49	26.76	0	236.75	30.46	0	159.01	
03/12/2024 07:55	10.86	0	94	15.3	12.08	0	60.42	15.55	26.98	0	233.16	31.37	0	156.9	
03/12/2024 08:00	10.29	0	94.54	15.3	12.56	0	60.45	15.54	25.53	0	234.49	32.57	0	156.74	
03/12/2024 08:05	11.27	0	94.9	15.29	12.22	0	61.09	15.49	27.91	0	235.02	31.4	0	156.91	
03/12/2024 08:10	11.38	0	93.74	15.3	12.16	0	59.41	15.54	28.27	0	232.6	31.54	0	154.05	
03/12/2024 08:15	10.54	0	94.24	15.3	12	0	59.66	15.53	26.18	0	234.01	31.05	0	154.36	
03/12/2024 08:20	10.78	0	94.97	15.29	11.88	0	60.91	15.5	26.69	0	235.14	30.58	0	156.66	
03/12/2024 08:25	10.87	0	93.9	15.3	12.45	0	59.6	15.55	26.97	0	232.93	32.34	0	154.85	
03/12/2024 08:30	10.68	0	94.14	15.3	12.78	0	59.8	15.55	26.49	0	233.63	33.18	0	155.22	
03/12/2024 08:35	11.31	0	92.72	15.28	12.26	0	60.25	15.5	27.99	0	229.44	31.58	0	155.04	
03/12/2024 08:40	11.25	0	91.01	15.3	12.67	0	57.82	15.56	27.9	0	225.6	33	0	150.63	
03/12/2024 08:45	10.67	0	93.16	15.29	12.33	0	58.84	15.55	26.46	0	231.02	32.03	0	152.88	
03/12/2024 08:50	11.13	0	94.27	15.28	12.06	0	59.82	15.52	27.52	0	233.13	31.17	0	154.43	
03/12/2024 08:55	11.15	0	92.72	15.3	12.42	0	58.19	15.6	27.68	0	229.91	32.6	0	152.73	
03/12/2024 09:00	10.69	0	93.14	15.29	12.45	0	57.63	15.59	26.5	0	230.89	32.59	0	150.82	
03/12/2024 09:05	10.9	0	91.87	15.27	12.15	0	58.83	15.53	26.93	0	226.93	31.45	0	152.1	
03/12/2024 09:10	11.07	0	89.5	15.29	12.66	0	56.71	15.6	27.42	0	221.55	33.2	0	148.74	
03/12/2024 09:15	10.86	0	92.64	15.29	13.03	0	56.88	15.57	26.9	0	229.5	34.01	0	148.42	
03/12/2024 09:20	11.36	0	93.38	15.28	12.45	0	58.83	15.53	28.07	0	230.79	32.24	0	152.28	
03/12/2024 09:25	11.75	0	91.45	15.29	12.79	0	56.52	15.6	29.15	0	226.61	33.55	0	148.22	
03/12/2024 09:30	10.97	0	91.56	15.29	13.19	0	56.67	15.58	27.17	0	226.79	34.42	0	147.93	
03/12/2024 09:35	11.14	0	91.49	15.27	12.56	0	58.15	15.51	27.5	0	225.85	32.43	0	149.91	
03/12/2024 09:40	11.32	0	90.24	15.28	12.8	0	56.39	15.57	28.01	0	223.17	33.42	0	147.19	
03/12/2024 09:45	10.22	0	92.59	15.28	12.5	0	56.53	15.55	25.26	0	228.97	32.51	0	147	
03/12/2024 09:50	11.88	0	92.49	15.28	12.38	0	58.1	15.51	29.36	0	228.65	31.93	0	149.72	
03/12/2024 09:55	12.02	0	91.21	15.29	12.69	0	56.85	15.58	29.81	0	226.01	33.16	0	148.58	
03/12/2024 10:00	10.55	0	91.94	15.28	12.47	0	57.44	15.57	26.09	0	227.3	32.49	0	149.67	
03/12/2024 10:05	10.83	0	92.75	15.26	12.21	0	58.27	15.53	26.69	0	228.6	31.61	0	150.61	
03/12/2024 10:10	10.87	0	91.46	15.28	12.65	0	56.64	15.62	26.89	0	225.97	33.3	0	149.05	
03/12/2024 10:15	10.76	0	93.6	15.27	13.08	0	56.83	15.6	26.57	0	231.02	34.31	0	149.08	
03/12/2024 10:20	11.18	0	93.87	15.25	12.35	0	58.62	15.54	27.51	0	231.12	32.01	0	151.74	
03/12/2024 10:25	11.44	0	92.12	15.28	12.44	0	56.65	15.63	28.3	0	227.62	32.84	0	149.56	
03/12/2024 10:30	10.42	0	92.69	15.26	12	0	57.38	15.6	25.68	0	228.44	31.47	0	150.47	
03/12/2024 10:35	10.36	0	93.32	15.24	11.86	0	58.23	15.56	25.43	0	229.01	30.91	0	151.56	
03/12/2024 10:40	10.43	0	91.82	15.26	12.22	0	56.26	15.73	25.76	0	226.22	32.84	0	151.16	
03/12/2024 10:45	10.78	0	93.13	15.24	12.31	0	57.28	15.69	26.49	0	228.85	32.85	0	152.84	
03/12/2024 10:50	11.3	0	92.57	15.22	11.98	0	58.88	15.6	27.65	0	226.64	31.41	0	154.37	
03/12/2024 10:55	11.3	0	90.6	15.26	12.46	0	55.76	15.73	27.87	0	222.88	33.48	0	149.88	
03/12/2024 11:00	10.69	0	92.96	1											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/12/2024 12:00	11.08	0	91.25	15.17	12.39	0	53.72	15.78	26.87	0	221.19	33.63	0	145.78	
03/12/2024 12:05	12.01	0	91.72	15.16	12.15	0	55.09	15.71	29.07	0	222.05	32.54	0	147.26	
03/12/2024 12:10	12.21	0	91.1	15.19	12.31	0	51.77	15.91	29.75	0	221.71	34.32	0	144.34	
03/12/2024 12:15	10.95	0	91.37	15.16	12.42	0	52.17	15.85	26.54	0	221.42	34.22	0	143.74	
03/12/2024 12:20	10.56	0	90.85	15.14	12.22	0	54.4	15.69	25.5	0	219.28	32.66	0	145.04	
03/12/2024 12:25	10.69	0	90.47	15.17	12.5	0	53.33	15.79	25.94	0	219.25	34	0	145.04	
03/12/2024 12:30	10.76	0	91.33	15.17	12.5	0	54.86	15.7	26.1	0	221.58	33.38	0	146.51	
03/12/2024 12:35	11.12	0	92.31	15.15	12.26	0	56.16	15.63	26.89	0	223.18	32.34	0	147.81	
03/12/2024 12:40	11.25	0	91.21	15.18	12.51	0	53.9	15.75	27.35	0	221.29	33.81	0	145.61	
03/12/2024 12:45	10.88	0	91.34	15.16	12.7	0	54.78	15.65	26.37	0	221.3	33.62	0	145	
03/12/2024 12:50	11.12	0	91.7	15.15	12.42	0	56.22	15.57	26.86	0	221.6	32.43	0	146.5	
03/12/2024 12:55	11.25	0	89.43	15.17	12.71	0	53.24	15.73	27.3	0	216.79	34.2	0	143.24	
03/12/2024 13:00	11.02	0	90.68	15.16	12.67	0	53.94	15.68	26.67	0	219.4	33.75	0	143.66	
03/12/2024 13:05	11.29	0	91.03	15.13	12.48	0	55.86	15.57	27.21	0	219.4	32.59	0	145.46	
03/12/2024 13:10	11.35	0	89.31	15.17	12.35	0	53.38	15.75	27.56	0	216.34	33.31	0	143.93	
03/12/2024 13:15	11	0	89.16	15.16	12.39	0	53.45	15.71	26.64	0	215.99	33.19	0	143.19	
03/12/2024 13:20	11.66	0	88.02	15.15	12.37	0	54.64	15.62	28.17	0	212.65	32.57	0	143.57	
03/12/2024 13:25	11.78	0	86.05	15.2	12.69	0	51.11	15.88	28.75	0	209.45	35.13	0	141.52	
03/12/2024 13:30	11.05	0	89.39	15.16	12.56	0	51.67	15.85	26.77	0	216.51	34.6	0	142.31	
03/12/2024 13:35	11.28	0	89.26	15.14	12.26	0	53.36	15.71	27.22	0	215.33	32.84	0	142.71	
03/12/2024 13:40	11.36	0	87.46	15.18	12.25	0	51.32	15.91	27.67	0	212.36	34.11	0	142.91	
03/12/2024 13:45	10.91	0	89.31	15.16	12.55	0	51.75	15.87	26.41	0	216.3	34.69	0	143.06	
03/12/2024 13:50	11.04	0	89.45	15.14	12.16	0	54.63	15.74	26.65	0	216.05	32.81	0	146.67	
03/12/2024 13:55	11.05	0	87.54	15.2	12.04	0	49.72	16.06	27.04	0	213.3	34.6	0	142.93	
03/12/2024 14:00	10.75	0	89.98	15.16	12.02	0	50.41	16.05	26.04	0	218.07	34.47	0	144.6	
03/12/2024 14:05	10.68	0	90.69	15.15	11.95	0	52.52	15.86	25.84	0	219.29	33.05	0	144.74	
03/12/2024 14:10	10.67	0	90.19	15.19	11.56	0	47.73	16.33	26.01	0	219.52	35.22	0	145.25	
03/12/2024 14:15	10.79	0	89.94	15.17	11.52	0	50.73	16.06	26.17	0	218.21	33.06	0	145.64	
03/12/2024 14:20	11.32	0	90.12	15.15	12.04	0	54.66	15.73	27.38	0	218.02	32.39	0	146.74	
03/12/2024 14:25	11.4	0	88.41	15.2	12.29	0	52.9	15.84	27.85	0	215.49	33.77	0	145.38	
03/12/2024 14:30	10.81	0	90.34	15.18	11.97	0	52.88	15.84	26.28	0	219.59	32.89	0	145.31	
03/12/2024 14:35	11.24	0	91.01	15.17	12.08	0	55.84	15.61	27.27	0	220.81	31.8	0	146.62	
03/12/2024 14:40	11.32	0	89.73	15.2	12.32	0	53.28	15.79	27.65	0	218.67	33.52	0	144.95	
03/12/2024 14:45	10.65	0	90.32	15.19	11.91	0	52.75	15.82	25.93	0	219.99	32.6	0	144.43	
03/12/2024 14:50	11.31	0	89.89	15.17	12.1	0	54.53	15.67	27.45	0	218.12	32.17	0	144.75	
03/12/2024 14:55	11.47	0	88.21	15.22	12.14	0	51.98	15.94	28.13	0	215.75	34.05	0	145.78	
03/12/2024 15:00	10.5	0	91.45	15.19	12	0	51.88	15.98	25.58	0	222.73	33.91	0	146.59	
03/12/2024 15:05	10.95	0	91.69	15.17	11.97	0	55.59	15.68	26.57	0	222.45	31.94	0	147.91	
03/12/2024 15:10	11.07	0	90.16	15.21	12.01	0	53.11	15.9	27.05	0	219.83	33.41	0	147.81	
03/12/2024 15:15	10.65	0	91.4	15.19	11.95	0	52.94	15.97	25.93	0	222.63	33.69	0	149.22	
03/12/2024 15:20	10.79	0	91.63	15.18	11.8	0	56.22	15.68	26.21	0	222.53	31.49	0	149.41	
03/12/2024 15:25	10.87	0	90.02	15.21	12.04	0	52.78	15.88	26.62	0	219.77	33.34	0	146.19	
03/12/2024 15:30	10.65	0	90.73	15.2	12.08	0	52.16	15.91	25.96	0	221.1	33.66	0	145.36	
03/12/2024 15:35	11.32	0	90.1	15.18	12.09	0	54.21	15.71	27.52	0	219.06	32.44	0	145.02	
03/12/2024 15:40	11.48	0	88.36	15.23	12.35	0	51.3	15.94	28.17	0	216.25	34.61	0	143.79	
03/12/2024 15:45	10.72	0	89.96	15.21	12.3	0	51.19	15.98	26.16	0	219.58	34.74	0	144.61	
03/12/2024 15:50	11.33	0	90.16	15.19	12.04	0	54.97	15.69	27.58	0	219.56	32.23	0	146.53	
03/12/2024 15:55	11.41	0	87.41	15.23	12.26	0	51.6	15.88	27.99	0	213.95	33.97	0	142.91	
03/12/2024 16:00	10.76	0	90.72	15.21	12.5	0	51.14	15.94	26.28	0	221.54	35	0	143.2	
03/12/2024 16:05	10.9	0	92.24	15.19	12.12	0	55.37	15.67	26.52	0	224.45	32.3	0	146.9	
03/12/2024 16:10	10.96	0	90.98	15.24	11.97	0	52.64	15.92	26.95	0	222.95	33.4	0	146.89	
03/12/2024 16:15	10.29	0	91.99	15.21	11.55	0	51.73	16.05	25.13	0	224.56	33.07	0	148.17	
03/12/2024 16:20	10.98	0	91.43	15.19	11.88	0	57.11	15.59	26.74	0	222.66	31.21	0	149.47	
03/12/2024 16:25	11.09	0	89.71	15.21	12.72	0	57.43	15.46	27.09	0	219	32.48	0	146.64	
03/12/2024 16:30	10.34	0	92.56	15.21	12.97	0	56.84	15.46	25.26	0	226.17	33.15	0	145.31	
03/12/2024 16:35	11.03	0	92.31	15.2	12	0	57.7	15.56	26.87	0	224.95	31.25	0	150.13	
03/12/2024 16:40	11.07	0	90.18	15.25	11.49	0	51.62	16.13	27.27	0	221.39	33.5	0	150.47	
03/12/2024 16:45	10.35	0	92.87	15.22	11.27	0	50.59	16.26	25.31	0	227.21	33.78	0	151.7	
03/12/2024 16:50	10.44	0	92.36	15.2	11.45	0	55.76	15.8	25.48	0	225.28	31.35	0	151.75	
03/12/2024 16:55	10.47	0	91.4	15.24	11.71	0	53.41	15.99	25.74	0	224.24	33.18	0	151.34	
03/12/2024 17:00	10.34	0	94.13	15.23	11.92	0	53.81	16.04	25.34	0	230.65	34.12	0	154.03	
03/12/2024 17:05	10.22	0	93.05	15.21	11.7	0	57.12	15.75	24.95	0	227.11	31.68	0	154.02	
03/12/2024 17:10	10.24	0	91.38	15.25	11.52	0	52.35	16.06	25.21	0	224.36	33.08	0	150.29	
03/12/2024 17:15	10.27	0	93.2	15.22	11.47	0	52.09	16.13	25.15	0	228.22	33.42	0	151.79	
03/12/2024 17:20	10.06	0	93.67	15.2	11.62	0	56.82	15.74	24.52	0	228.33	31.44	0	152.96	
03/12/2024 17:25	10.11	0	92.33	15.23	12	0	54.13	15.88	24.85	0	226.15	33.21	0	149.87	
03/12/2024 17:30	10.62	0	93.85	15.23	11.5	0	53.22	15.95	26.05	0	230.2	32.29	0	149.44	
03/12/2024 17:35	11.11	0	94.23	15.22	11.67	0	57.3	15.66	27.18	0	230.65	30.99	0	151.73	
03/12/2024 17:40	11.19	0	92.19	15.28	12	0	54.12	15.88	27.71	0	227.51	33.19	0	149.72	
03/12/2024 17:45	10.35	0	93.57	15.24	11.86	0	52.66	15.99	25.39	0	229.59	33.56	0	148.99	
03/12/2024 17:50	10.98	0	92.98	15.22	11.84	0	57.82	15.65	26.86	0	227.44	31.43	0	152.76	
03/12/2024 17:55	11.1	0	91.44	15.25	12.35	0	55.7	15.7	27.31	0	224.55	33	0	148.82	
03/12/2024 18:00	10.59	0	93.35	15.24	12.47	0	55	15.76	26	0	229.29	33.73	0	148.76	
03/12/2024 18:05	11.24	0	93.11	15.23	12.22	0	58.81	15.55	27.53	0	228.08	31.81	0	152.63	
03/12/2024 18:10	11.34	0	90.9	15.25	12.4	0	56.12	15.68	27.9	0	223.41	33.02	0	149.4	
03/12/2024 18:15	10.26	0	93.7	15.24	12.64	0	56.41	15.69	25.21	0	230.16	33.72	0	150.46	
03/12/2024 18:20	10.8	0	93.89	15.23	12.16	0	58.67	15.55	26.46	0	229.98	31.63	0	152.28	
03/12/2024 18:25	10.91	0	91.84	15.25	11.98	0	56.57	15.67	26.84	0	225.75	31.86	0	150.42	
03/12/2024 18:30	10.23	0	93												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
03/12/2024 19:30	10.16	0	94.97	15.25	12.06	0	59.77	15.53	25	0	233.66	31.24	0	154.78	
03/12/2024 19:35	11.4	0	94.93	15.24	11.95	0	61.77	15.44	28.01	0	233.18	30.45	0	157.22	
03/12/2024 19:40	11.55	0	93.25	15.26	12.3	0	59.78	15.52	28.48	0	229.71	31.79	0	154.5	
03/12/2024 19:45	10.13	0	95.01	15.26	12.39	0	59.05	15.53	24.94	0	234	32.1	0	152.96	
03/12/2024 19:50	10.16	0	95.62	15.24	11.82	0	62.28	15.47	24.95	0	234.79	30.26	0	159.3	
03/12/2024 19:55	10.02	0	94.33	15.25	12.19	0	60.37	15.57	24.67	0	232	31.76	0	157.32	
03/12/2024 20:00	10.11	0	95.21	15.25	12.23	0	60.14	15.58	24.88	0	234.39	31.95	0	157.08	
03/12/2024 20:05	11.18	0	95.94	15.25	11.91	0	61.72	15.48	27.51	0	236.03	30.59	0	158.35	
03/12/2024 20:10	11.51	0	94.5	15.27	12.14	0	60.43	15.54	28.42	0	233.17	31.49	0	156.77	
03/12/2024 20:15	10.2	0	94.33	15.26	12.48	0	60.78	15.57	25.15	0	232.46	32.53	0	158.38	
03/12/2024 20:20	10.64	0	95.66	15.25	12.02	0	61.74	15.5	26.16	0	235.16	30.96	0	158.88	
03/12/2024 20:25	10.94	0	93.73	15.26	12.16	0	59.81	15.62	26.99	0	231.09	31.99	0	157.32	
03/12/2024 20:30	10.19	0	95.48	15.26	12.5	0	59.78	15.62	25.13	0	235.38	32.89	0	157.29	
03/12/2024 20:35	10.5	0	95.67	15.25	11.88	0	60.77	15.59	25.8	0	235.21	30.6	0	158.93	
03/12/2024 20:40	10.39	0	93.87	15.29	11.55	0	57.63	15.81	25.77	0	232.15	31.55	0	157.36	
03/12/2024 20:45	10.35	0	96.22	15.27	11.41	0	57.28	15.81	25.54	0	237.44	31.16	0	156.5	
03/12/2024 20:50	10.07	0	96.73	15.25	11.3	0	60.66	15.61	24.78	0	237.95	29.76	0	159.3	
03/12/2024 20:55	10.24	0	94.83	15.26	11.82	0	59.82	15.61	25.26	0	233.79	31.04	0	157.06	
03/12/2024 21:00	9.84	0	96.32	15.26	12.48	0	62.33	15.41	24.27	0	237.57	31.59	0	157.7	
03/12/2024 21:05	11.06	0	95.73	15.26	11.79	0	61.15	15.52	27.25	0	235.75	30.47	0	157.97	
03/12/2024 21:10	11.18	0	94.07	15.29	11.71	0	58.08	15.8	27.69	0	232.75	31.94	0	158.44	
03/12/2024 21:15	9.76	0	96.87	15.26	11.5	0	58.95	15.77	24.07	0	238.93	31.16	0	159.75	
03/12/2024 21:20	10.37	0	96.19	15.25	11.47	0	61.08	15.61	25.53	0	236.69	30.13	0	160.17	
03/12/2024 21:25	10.68	0	94.68	15.27	11.76	0	58.5	15.7	26.41	0	233.7	31.44	0	156.33	
03/12/2024 21:30	10.18	0	95.05	15.27	11.84	0	59.13	15.7	25.14	0	234.75	31.65	0	158	
03/12/2024 21:35	10.45	0	95.22	15.26	11.49	0	60.73	15.59	25.73	0	234.49	30.09	0	158.8	
03/12/2024 21:40	10.34	0	93.18	15.28	12.01	0	58.08	15.7	25.6	0	230.17	32.07	0	155.12	
03/12/2024 21:45	9.94	0	94.82	15.26	12.47	0	58.17	15.69	24.52	0	233.86	33.24	0	155.08	
03/12/2024 21:50	10.94	0	95.29	15.25	11.77	0	60.77	15.62	26.93	0	234.53	30.99	0	159.84	
03/12/2024 21:55	10.87	0	93.97	15.28	11.6	0	58.38	15.74	26.87	0	232.01	31.28	0	157.36	
03/12/2024 22:00	9.97	0	95.3	15.26	11.78	0	58.28	15.74	24.59	0	235.04	31.75	0	157.06	
03/12/2024 22:05	10.28	0	95.02	15.25	11.44	0	59.79	15.62	25.29	0	233.78	30.13	0	157.29	
03/12/2024 22:10	10.25	0	93.28	15.27	11.65	0	58.64	15.72	25.35	0	230.29	31.26	0	157.39	
03/12/2024 22:15	10.03	0	95.57	15.27	11.72	0	58.97	15.68	24.74	0	235.88	31.21	0	157.06	
03/12/2024 22:20	10.66	0	96.29	15.26	11.44	0	61.23	15.58	26.28	0	237.32	29.92	0	159.84	
03/12/2024 22:25	10.74	0	94.13	15.29	11.71	0	59.19	15.66	26.62	0	232.95	31.08	0	157.06	
03/12/2024 22:30	9.86	0	95.41	15.27	11.97	0	59.55	15.65	24.33	0	235.49	31.72	0	157.8	
03/12/2024 22:35	10.51	0	96.38	15.25	11.39	0	61.64	15.57	25.87	0	237.2	29.72	0	160.5	
03/12/2024 22:40	10.59	0	95.34	15.27	11.81	0	59.79	15.67	26.15	0	235.2	31.38	0	158.92	
03/12/2024 22:45	9.91	0	95.35	15.27	12	0	59.8	15.65	24.46	0	235.41	31.77	0	158.32	
03/12/2024 22:50	10.29	0	95.52	15.26	11.59	0	60.73	15.61	25.36	0	235.27	30.47	0	159.34	
03/12/2024 22:55	10.11	0	93.83	15.29	11.59	0	58.2	15.75	25.06	0	232.15	31.25	0	156.96	
03/12/2024 23:00	9.79	0	95.53	15.27	11.66	0	58.3	15.72	24.17	0	236.01	31.26	0	156.35	
03/12/2024 23:05	10.8	0	96.89	15.27	11.4	0	61.04	15.6	26.65	0	239.08	29.89	0	159.76	
03/12/2024 23:10	10.71	0	95.75	15.29	11.65	0	59.09	15.68	26.54	0	236.97	31.04	0	157.47	
03/12/2024 23:15	9.91	0	94.87	15.28	11.81	0	59.34	15.67	24.5	0	234.51	31.39	0	157.68	
03/12/2024 23:20	10.9	0	95.58	15.26	11.63	0	61.72	15.57	26.86	0	235.66	30.37	0	161.06	
03/12/2024 23:25	10.96	0	94.25	15.28	11.74	0	58.9	15.67	27.13	0	233.07	31.21	0	156.59	
03/12/2024 23:30	9.91	0	95.04	15.28	11.64	0	58.92	15.66	24.5	0	234.87	30.88	0	156.33	
03/12/2024 23:35	10.57	0	95.25	15.26	11.52	0	61.44	15.58	26.06	0	234.89	30.09	0	160.51	
03/12/2024 23:40	10.73	0	93.38	15.29	11.74	0	59.34	15.66	26.6	0	231.2	31.16	0	157.46	
03/12/2024 23:45	10.25	0	95.43	15.28	11.81	0	59.63	15.65	25.36	0	236.21	31.29	0	157.96	
03/12/2024 23:50	10.6	0	95.84	15.27	11.59	0	61.51	15.56	26.16	0	236.53	30.18	0	159.92	
03/12/2024 23:55	10.84	0	94.42	15.29	11.71	0	59.97	15.64	26.85	0	233.65	30.92	0	158.33	
04/12/2024 00:00	10.16	0	94.97	15.28	11.45	0	59.48	15.63	25.14	0	235.03	30.2	0	156.84	
04/12/2024 00:05	10.42	0	95.34	15.26	11.43	0	60.77	15.57	25.71	0	235.17	29.8	0	158.26	
04/12/2024 00:10	10.6	0	93.11	15.28	11.56	0	59.19	15.67	26.25	0	230.35	30.75	0	157.39	
04/12/2024 00:15	10.25	0	95.64	15.28	11.41	0	59.02	15.66	25.36	0	236.61	30.24	0	156.44	
04/12/2024 00:20	10.99	0	95.75	15.27	11.44	0	60.81	15.56	27.12	0	236.36	29.79	0	158.23	
04/12/2024 00:25	11.3	0	93.11	15.29	11.78	0	59.88	15.64	28.01	0	230.53	31.1	0	158.11	
04/12/2024 00:30	9.75	0	95.51	15.28	11.78	0	60.19	15.63	24.09	0	236.08	31.05	0	158.65	
04/12/2024 00:35	10.65	0	95.18	15.27	11.5	0	61.74	15.56	26.28	0	234.86	29.94	0	160.43	
04/12/2024 00:40	10.84	0	93.65	15.3	11.82	0	59.24	15.67	26.91	0	232.06	31.41	0	157.43	
04/12/2024 00:45	10.06	0	96.73	15.28	11.77	0	59.94	15.66	24.88	0	239.3	31.23	0	159.07	
04/12/2024 00:50	10.53	0	96.48	15.27	11.57	0	60.92	15.6	26	0	238.19	30.33	0	159.59	
04/12/2024 00:55	10.8	0	94.55	15.29	11.76	0	59.28	15.71	26.77	0	234.3	31.47	0	158.67	
04/12/2024 01:00	10.25	0	95.58	15.28	11.83	0	60.05	15.68	25.36	0	236.44	31.49	0	159.89	
04/12/2024 01:05	10.18	0	96.01	15.26	11.43	0	61.35	15.6	25.09	0	236.69	30.02	0	160.76	
04/12/2024 01:10	9.89	0	94.7	15.28	11.69	0	59.3	15.69	24.48	0	233.97	31.19	0	158.15	
04/12/2024 01:15	10.44	0	96.06	15.29	11.39	0	59.2	15.68	25.84	0	237.82	30.3	0	157.5	
04/12/2024 01:20	10.36	0	95.48	15.27	11.36	0	61.88	15.6	25.57	0	235.68	29.78	0	162.2	
04/12/2024 01:25	10.5	0	93.18	15.3	11.74	0	59.16	15.69	26.09	0	231.01	31.33	0	157.86	
04/12/2024 01:30	10.01	0	95.75	15.28	12.06	0	59.77	15.66	24.77	0	236.84	32	0	158.57	
04/12/2024 01:35	10.85	0	95.76	15.27	11.68	0	60.58	15.6	26.78	0	236.49	30.63	0	158.61	
04/12/2024 01:40	10.95	0	94.15	15.3	11.86	0	58.5	15.71	27.21	0	233.51	31.76	0	156.67	
04/12/2024 01:45	10.34	0	95.2	15.29	11.69	0	59.23	15.71	25.6	0	235.69	31.28	0	158.53	
04/12/2024 01:50	10.24	0	95.58	15.27	11.48	0	61.39	15.6	25.29	0	236.02	30.13	0	160.82	
04/12/2024 01:55	10.52	0	94.11	15.29	11.87	0	59.86	15.67	26.09	0	233.1	31.57	0	159.16	
04/12/2024 02:00	10.21	0	9												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
04/12/2024 03:00	10.22	0	93.89	15.28	12.45	0	61.25	15.62	25.3	0	232.33	32.81	0	161.35	
04/12/2024 03:05	11.07	0	94.78	15.27	11.82	0	62.59	15.55	27.33	0	234.04	30.73	0	162.39	
04/12/2024 03:10	11.2	0	92.92	15.3	11.87	0	59.33	15.64	27.8	0	230.28	31.39	0	156.91	
04/12/2024 03:15	10.22	0	94.87	15.28	11.86	0	58.83	15.63	25.3	0	234.8	31.25	0	155.02	
04/12/2024 03:20	10.42	0	95.05	15.27	11.66	0	61.12	15.55	25.71	0	234.6	30.32	0	158.78	
04/12/2024 03:25	10.6	0	93.53	15.29	11.89	0	59.88	15.64	26.29	0	231.63	31.43	0	158.29	
04/12/2024 03:30	9.84	0	94.53	15.28	11.63	0	60.56	15.63	24.34	0	233.88	30.65	0	159.68	
04/12/2024 03:35	10.31	0	94.9	15.27	11.59	0	61.27	15.56	25.46	0	234.36	30.2	0	159.41	
04/12/2024 03:40	10.5	0	93.48	15.29	11.94	0	59.25	15.65	26.03	0	231.43	31.61	0	156.81	
04/12/2024 03:45	10.35	0	94.61	15.28	12.34	0	59.67	15.64	25.61	0	234.1	32.61	0	157.66	
04/12/2024 03:50	11.26	0	94.59	15.28	11.91	0	61.79	15.55	27.83	0	233.82	30.99	0	160.49	
04/12/2024 03:55	11.43	0	93.04	15.29	11.98	0	60.49	15.61	28.34	0	230.57	31.46	0	158.88	
04/12/2024 04:00	10.41	0	94.04	15.29	12.11	0	60.61	15.6	25.77	0	232.9	31.74	0	158.86	
04/12/2024 04:05	10.81	0	93.68	15.27	11.93	0	62.26	15.54	26.7	0	231.32	30.94	0	161.3	
04/12/2024 04:10	10.73	0	92.62	15.29	11.91	0	60.73	15.62	26.59	0	229.37	31.35	0	159.8	
04/12/2024 04:15	10.39	0	94.63	15.28	11.75	0	61.22	15.6	25.71	0	234.15	30.8	0	160.46	
04/12/2024 04:20	10.48	0	95.31	15.27	11.61	0	62.95	15.55	25.89	0	235.5	30.16	0	163.34	
04/12/2024 04:25	10.57	0	94.07	15.29	11.88	0	60.63	15.64	26.23	0	233.14	31.39	0	160.2	
04/12/2024 04:30	10.19	0	94.83	15.29	11.75	0	60.73	15.63	25.24	0	234.93	31.01	0	160.28	
04/12/2024 04:35	10.97	0	94.73	15.27	11.52	0	62.34	15.56	27.12	0	234.06	29.96	0	162	
04/12/2024 04:40	11.18	0	93.1	15.29	11.87	0	60.45	15.65	27.73	0	230.64	31.45	0	160.17	
04/12/2024 04:45	10.15	0	95.06	15.29	12.06	0	61.03	15.63	25.13	0	235.41	31.82	0	161.01	
04/12/2024 04:50	10.57	0	95.18	15.27	11.61	0	62.8	15.57	26.11	0	235.05	30.28	0	163.71	
04/12/2024 04:55	10.74	0	93.72	15.29	11.79	0	60.8	15.63	26.65	0	232.2	31.11	0	160.45	
04/12/2024 05:00	9.98	0	95.65	15.29	11.67	0	60.77	15.62	24.74	0	237.06	30.73	0	159.98	
04/12/2024 05:05	10.17	0	96.2	15.28	11.51	0	62.87	15.52	25.14	0	237.83	29.78	0	162.42	
04/12/2024 05:10	10.19	0	95.51	15.29	11.9	0	61.07	15.59	25.26	0	236.56	31.15	0	159.83	
04/12/2024 05:15	10.07	0	95.84	15.29	11.86	0	61.55	15.58	24.94	0	237.42	30.98	0	160.75	
04/12/2024 05:20	10.2	0	96.75	15.27	11.51	0	63.77	15.52	25.2	0	239.03	29.79	0	164.73	
04/12/2024 05:25	10.28	0	96.23	15.29	11.86	0	61.71	15.6	25.48	0	238.33	31.11	0	161.87	
04/12/2024 05:30	9.92	0	96.5	15.29	11.95	0	62.42	15.59	24.56	0	239.01	31.3	0	163.47	
04/12/2024 05:35	10.59	0	96.67	15.27	11.56	0	64.08	15.51	26.15	0	238.83	29.84	0	165.21	
04/12/2024 05:40	10.62	0	95.27	15.29	11.71	0	62.84	15.57	26.34	0	236.02	30.52	0	163.75	
04/12/2024 05:45	9.98	0	96.85	15.29	11.97	0	64.16	15.55	24.72	0	239.93	31.12	0	166.83	
04/12/2024 05:50	10.51	0	97.39	15.28	11.37	0	64.76	15.52	25.98	0	240.71	29.38	0	167.17	
04/12/2024 05:55	10.67	0	95.81	15.29	11.73	0	62.33	15.6	26.47	0	237.42	30.75	0	163.4	
04/12/2024 06:00	9.92	0	96.73	15.29	12.03	0	61.64	15.58	24.56	0	239.56	31.46	0	161.19	
04/12/2024 06:05	10.7	0	96.2	15.27	11.5	0	64.64	15.51	26.43	0	237.65	29.69	0	166.66	
04/12/2024 06:10	10.88	0	94.78	15.29	11.53	0	63.27	15.58	26.95	0	234.59	30.14	0	165.38	
04/12/2024 06:15	9.87	0	97.16	15.29	11.63	0	62.77	15.58	24.45	0	240.58	30.37	0	163.98	
04/12/2024 06:20	10.51	0	97.72	15.28	11.34	0	63.79	15.54	25.97	0	241.5	29.45	0	165.48	
04/12/2024 06:25	10.57	0	96.63	15.29	11.5	0	61.35	15.66	26.23	0	239.39	30.52	0	162.79	
04/12/2024 06:30	9.73	0	96.62	15.29	11.59	0	61.17	15.65	24.1	0	239.28	30.72	0	162.1	
04/12/2024 06:35	10.45	0	97.01	15.27	11.25	0	62.18	15.57	25.82	0	239.68	29.37	0	162.22	
04/12/2024 06:40	10.61	0	95.54	15.3	11.63	0	61.31	15.63	26.34	0	236.8	30.7	0	161.76	
04/12/2024 06:45	10.01	0	95.62	15.3	11.81	0	62.05	15.62	24.82	0	237.13	31.08	0	163.26	
04/12/2024 06:50	10.84	0	95.6	15.28	11.62	0	63.06	15.54	26.82	0	236.49	30.13	0	163.34	
04/12/2024 06:55	10.99	0	94.09	15.3	11.7	0	61.57	15.58	27.27	0	233.3	30.57	0	160.87	
04/12/2024 07:00	10.3	0	95.74	15.29	11.75	0	61.83	15.57	25.53	0	237.37	30.62	0	161.11	
04/12/2024 07:05	11.1	0	94.63	15.29	11.66	0	62.87	15.53	27.49	0	234.27	30.17	0	162.49	
04/12/2024 07:10	11.27	0	92.72	15.31	12.12	0	60.36	15.6	28.03	0	230.27	31.8	0	158.32	
04/12/2024 07:15	10.53	0	94.2	15.3	12.53	0	60.66	15.58	26.14	0	233.8	32.77	0	158.61	
04/12/2024 07:20	10.78	0	95.09	15.29	11.9	0	62.48	15.54	26.69	0	235.39	30.91	0	162.02	
04/12/2024 07:25	10.85	0	93.61	15.3	11.67	0	60.66	15.64	26.92	0	232.23	30.81	0	160.18	
04/12/2024 07:30	10.14	0	95.31	15.29	11.59	0	60.38	15.62	25.14	0	236.36	30.53	0	159	
04/12/2024 07:35	10.86	0	94.52	15.28	11.48	0	61.96	15.55	26.86	0	233.86	29.86	0	160.95	
04/12/2024 07:40	10.8	0	92.38	15.3	11.87	0	59.83	15.62	26.81	0	229.04	31.26	0	157.53	
04/12/2024 07:45	10.48	0	94.28	15.29	11.94	0	59.91	15.61	25.96	0	233.64	31.34	0	157.3	
04/12/2024 07:50	11.25	0	94.65	15.28	11.57	0	60.93	15.58	27.82	0	234.11	30.23	0	158.97	
04/12/2024 07:55	11.42	0	92.93	15.3	11.84	0	58.4	15.68	28.38	0	230.65	31.55	0	155.63	
04/12/2024 08:00	10.35	0	94.06	15.29	11.88	0	59.47	15.65	25.62	0	232.87	31.45	0	157.5	
04/12/2024 08:05	11.24	0	94.41	15.28	11.63	0	61.05	15.6	27.77	0	233.31	30.53	0	159.96	
04/12/2024 08:10	11.54	0	92.86	15.31	11.88	0	58.34	15.71	28.7	0	230.6	31.82	0	156.2	
04/12/2024 08:15	10.38	0	94.79	15.29	12.14	0	58.34	15.7	25.71	0	234.89	32.46	0	156	
04/12/2024 08:20	10.59	0	93.58	15.27	11.68	0	59.61	15.66	26.15	0	231.13	30.99	0	157.79	
04/12/2024 08:25	10.67	0	91.82	15.29	11.74	0	56.24	15.82	26.46	0	227.44	32.08	0	153.74	
04/12/2024 08:30	10.37	0	93.94	15.29	11.88	0	57.31	15.76	25.7	0	232.82	32.14	0	155.11	
04/12/2024 08:35	10.82	0	93.9	15.27	11.62	0	58.24	15.75	26.73	0	231.89	31.35	0	156.92	
04/12/2024 08:40	10.99	0	92.26	15.3	11.74	0	54.08	15.95	27.32	0	228.88	32.95	0	151.8	
04/12/2024 08:45	10.63	0	93.29	15.29	11.33	0	54.02	15.9	26.33	0	231.08	31.52	0	150.3	
04/12/2024 08:50	11.39	0	95	15.28	11.5	0	57.83	15.74	28.14	0	234.8	30.96	0	155.34	
04/12/2024 08:55	11.47	0	93.57	15.3	11.71	0	56.39	15.85	28.5	0	232.2	32.23	0	155.21	
04/12/2024 09:00	10.51	0	93.89	15.29	11.77	0	56.66	15.79	26.05	0	232.63	32.03	0	154.23	
04/12/2024 09:05	10.95	0	94.15	15.27	11.67	0	58.39	15.7	27.05	0	232.59	31.23	0	155.96	
04/12/2024 09:10	11.2	0	92.1	15.31	11.9	0	56.25	15.81	27.87	0	228.65	32.46	0	153.48	
04/12/2024 09:15	10.13	0	93.68	15.28	12.11	0	57.34	15.75	25.06	0	231.75	32.66	0	154.68	
04/12/2024 09:20	11.12	0	93.93	15.27	12.03	0	58.41	15.64	27.47	0	231.94	31.8	0	154.11	
04/12/2024 09:25	11.49	0	92.48	15.29	12.51	0	54.85	15.74	28.5	0	229.09	33.72	0	147.79	
04/12/2024 09:30	10.71	0													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
04/12/2024 10:30	10.06	0	93.63	15.25	11.69	0	55.77	15.81	24.74	0	230.18	31.91	0	152.27	
04/12/2024 10:35	10.91	0	92.93	15.23	11.74	0	57.23	15.69	26.73	0	227.66	31.33	0	152.44	
04/12/2024 10:40	11.34	0	91.36	15.25	11.98	0	55.01	15.83	27.92	0	224.64	32.81	0	150.67	
04/12/2024 10:45	10.62	0	92.85	15.23	11.86	0	56.23	15.75	26.04	0	227.67	32.04	0	151.92	
04/12/2024 10:50	11.23	0	93.29	15.21	11.65	0	57.18	15.69	27.44	0	227.88	31.12	0	152.48	
04/12/2024 10:55	11.38	0	91.85	15.24	11.83	0	55.96	15.79	27.94	0	225.21	32.21	0	152.32	
04/12/2024 11:00	10.27	0	94.42	15.22	12.08	0	56.42	15.76	25.1	0	230.88	32.68	0	152.65	
04/12/2024 11:05	10.81	0	93.88	15.19	11.41	0	58.29	15.68	26.32	0	228.6	30.4	0	154.89	
04/12/2024 11:10	10.54	0	92.06	15.22	11.21	0	55.11	15.87	25.81	0	224.98	30.97	0	152.19	
04/12/2024 11:15	9.55	0	93.7	15.22	11.3	0	55.16	15.85	23.37	0	229.2	31.07	0	151.68	
04/12/2024 11:20	9.76	0	93.96	15.22	10.86	0	57.3	15.76	23.88	0	229.78	29.41	0	154.75	
04/12/2024 11:25	9.93	0	92.63	15.25	11.1	0	54.82	15.96	24.49	0	227.76	31.27	0	154.4	
04/12/2024 11:30	9.48	0	94.23	15.27	11.42	0	55.52	15.91	23.39	0	232.56	31.81	0	154.62	
04/12/2024 11:35	10.04	0	94.82	15.26	10.79	0	57.75	15.82	24.77	0	233.81	29.57	0	157.65	
04/12/2024 11:40	10.1	0	93.14	15.3	10.91	0	54.41	16.07	25.12	0	230.95	31.43	0	156.63	
04/12/2024 11:45	9.69	0	94.04	15.29	10.97	0	55.8	16.01	23.99	0	232.83	31.2	0	158.69	
04/12/2024 11:50	9.99	0	94.23	15.28	10.68	0	57.35	15.92	24.69	0	232.87	29.82	0	159.58	
04/12/2024 11:55	10.01	0	92.69	15.31	10.88	0	53.39	16.19	24.96	0	230.28	32.14	0	157.66	
04/12/2024 12:00	9.78	0	94.76	15.3	10.83	0	54.2	16.1	24.27	0	235.13	31.39	0	157.12	
04/12/2024 12:05	10.32	0	94.43	15.28	10.71	0	55.82	16.01	25.55	0	233.72	30.5	0	158.36	
04/12/2024 12:10	10.37	0	92.51	15.33	11.01	0	52.56	16.2	25.93	0	230.51	32.58	0	155.56	
04/12/2024 12:15	9.46	0	94.42	15.29	11.11	0	52.83	16.18	23.47	0	234.15	32.69	0	155.46	
04/12/2024 12:20	10.31	0	94.5	15.28	10.87	0	56.04	15.97	25.52	0	233.92	30.7	0	157.54	
04/12/2024 12:25	10.44	0	92.2	15.35	10.92	0	52.51	16.27	26.19	0	230.32	32.77	0	157.54	
04/12/2024 12:30	9.77	0	94.62	15.3	10.98	0	52.14	16.25	24.27	0	235.03	32.81	0	155.76	
04/12/2024 12:35	10.17	0	94.17	15.29	10.63	0	53.29	16.22	25.18	0	233.23	31.58	0	157.64	
04/12/2024 12:40	10.18	0	91.89	15.37	10.41	0	48.2	16.67	25.67	0	230.38	34.22	0	158.37	
04/12/2024 12:45	9.67	0	94.5	15.3	10.47	0	48.8	16.66	23.99	0	234.51	34.29	0	159.83	
04/12/2024 12:50	10.35	0	94.86	15.28	10.25	0	52.71	16.38	25.61	0	234.81	31.65	0	161.48	
04/12/2024 12:55	10.35	0	92.59	15.37	10.17	0	46.69	16.81	26.14	0	232.16	34.57	0	158.65	
04/12/2024 13:00	9.58	0	94.12	15.29	10.34	0	46.72	16.78	23.75	0	233.29	34.87	0	157.49	
04/12/2024 13:05	10.13	0	94.18	15.28	10.38	0	50.97	16.4	25.06	0	233.08	32.19	0	157.14	
04/12/2024 13:10	10.14	0	92.21	15.36	10.41	0	48.65	16.65	25.55	0	230.83	34.09	0	159.3	
04/12/2024 13:15	9.59	0	94.03	15.31	10.27	0	48.17	16.7	23.83	0	233.73	33.94	0	159.25	
04/12/2024 13:20	9.87	0	93.69	15.29	10.58	0	53.71	16.2	24.45	0	232.04	31.5	0	158.73	
04/12/2024 13:25	9.88	0	91.5	15.36	10.72	0	50.8	16.44	24.9	0	229.23	33.44	0	158.35	
04/12/2024 13:30	9.61	0	94.09	15.29	10.94	0	51.86	16.41	23.82	0	233.19	33.87	0	160.58	
04/12/2024 13:35	10.11	0	93.77	15.28	10.63	0	54.66	16.17	25	0	231.87	31.37	0	160.31	
04/12/2024 13:40	10.09	0	91.75	15.35	10.29	0	47.4	16.71	25.33	0	229.01	34.17	0	157.21	
04/12/2024 13:45	9.67	0	93.85	15.3	10.17	0	47.72	16.7	24	0	232.76	33.66	0	157.93	
04/12/2024 13:50	10.12	0	94.34	15.29	10.58	0	54.48	16.17	25.06	0	233.68	31.29	0	159.8	
04/12/2024 13:55	10.1	0	92.21	15.33	10.81	0	51.61	16.38	25.23	0	230.08	33.24	0	158.67	
04/12/2024 14:00	9.71	0	94.33	15.31	10.69	0	51.78	16.39	24.12	0	234.36	32.92	0	159.5	
04/12/2024 14:05	10.26	0	94.33	15.29	10.58	0	55.27	16.12	25.43	0	233.83	30.84	0	160.18	
04/12/2024 14:10	10.25	0	91.33	15.4	10.48	0	49.2	16.61	26.01	0	229.79	33.94	0	159.37	
04/12/2024 14:15	9.6	0	94.41	15.31	10.44	0	48.95	16.64	23.88	0	234.83	34.09	0	159.87	
04/12/2024 14:20	10.23	0	94.61	15.3	10.47	0	54.17	16.26	25.39	0	234.75	31.53	0	161.71	
04/12/2024 14:25	10.27	0	92.52	15.37	10.29	0	46.8	16.82	25.95	0	232.01	35.11	0	159.55	
04/12/2024 14:30	9.69	0	94.23	15.31	10.11	0	45.89	16.98	24.08	0	234.25	35.82	0	162.58	
04/12/2024 14:35	10.39	0	94.37	15.29	10.31	0	52.11	16.44	25.76	0	233.92	32.41	0	162.03	
04/12/2024 14:40	10.46	0	91.19	15.42	10.03	0	45.5	16.97	26.78	0	230.65	35.54	0	161.05	
04/12/2024 14:45	9.63	0	94.86	15.31	10.34	0	45.02	17.09	23.94	0	235.85	37.73	0	164.19	
04/12/2024 14:50	10.34	0	94.71	15.3	10.21	0	51.87	16.52	25.65	0	234.97	32.83	0	164.07	
04/12/2024 14:55	10.25	0	92.79	15.38	9.87	0	44.95	17.03	25.94	0	232.97	35.57	0	161.72	
04/12/2024 15:00	9.53	0	94.26	15.3	9.83	0	43.56	17.18	23.68	0	234.17	36.74	0	162.83	
04/12/2024 15:05	10.31	0	93.66	15.29	10.07	0	48.63	16.7	25.55	0	232.21	33.63	0	160.52	
04/12/2024 15:10	10.28	0	91.74	15.39	9.75	0	40.58	17.33	26.07	0	230.43	38.11	0	158.26	
04/12/2024 15:15	9.59	0	94.06	15.31	9.97	0	40.88	17.33	23.85	0	233.88	38.86	0	159.34	
04/12/2024 15:20	10.08	0	94.68	15.3	9.89	0	47.14	16.86	25.03	0	235.05	34.44	0	161.3	
04/12/2024 15:25	9.87	0	92.17	15.45	9.02	0	37.34	17.73	25.48	0	234.36	39.72	0	163.99	
04/12/2024 15:30	9.42	0	95.18	15.31	8.75	0	35.47	17.95	23.42	0	236.75	41.16	0	166.86	
04/12/2024 15:35	9.9	0	95.9	15.29	9.53	0	46.85	16.92	24.54	0	237.73	34.4	0	163.69	
04/12/2024 15:40	9.78	0	93.79	15.39	9.45	0	43.44	17.22	24.81	0	235.88	35.73	0	164.08	
04/12/2024 15:45	9.16	0	97.54	15.3	9.17	0	44.05	17.29	22.75	0	242.28	35.28	0	169.41	
04/12/2024 15:50	9.48	0	97.04	15.29	9.58	0	51.17	16.73	23.49	0	240.36	32.21	0	171.7	
04/12/2024 15:55	9.38	0	94.18	15.4	9.28	0	41.39	17.38	23.93	0	237.24	36.73	0	163.61	
04/12/2024 16:00	9.18	0	95.63	15.31	9.05	0	41.14	17.44	22.83	0	237.71	36.38	0	165.46	
04/12/2024 16:05	9.89	0	96.4	15.29	9.52	0	50.31	16.7	24.53	0	239.01	32.03	0	165.94	
04/12/2024 16:10	9.82	0	93.78	15.42	9.42	0	44.47	17.14	25.08	0	237.19	34.9	0	164.5	
04/12/2024 16:15	9.32	0	96.18	15.3	9.3	0	42.63	17.27	23.16	0	238.92	35.6	0	163.23	
04/12/2024 16:20	9.87	0	96.38	15.29	9.52	0	49.38	16.77	24.46	0	239	32.35	0	165.29	
04/12/2024 16:25	9.96	0	94.9	15.31	9.51	0	45.52	17.11	24.77	0	235.82	35.73	0	167.11	
04/12/2024 16:30	9.11	0	97.1	15.31	11.39	0	63.45	15.5	22.63	0	241.29	29.29	0	163.19	
04/12/2024 16:35	9.05	0	96.58	15.29	10.54	0	62.09	15.68	22.42	0	239.34	28.05	0	165.1	
04/12/2024 16:40	9.02	0	93.65	15.37	10.27	0	53.41	16.35	22.79	0	234.79	31.37	0	163.1	
04/12/2024 16:45	9.43	0	95.74	15.31	10.02	0	53.02	16.42	23.46	0	238.19	31.06	0	164.39	
04/12/2024 16:50	9.67	0	95.7	15.3	10.24	0	58.67	16.01	24	0	237.46	29.23	0	166.36	
04/12/2024 16:55	9.68	0	93.19	15.39	10.32	0	52.59	16.44	24.52	0	234.29	32.17	0	163.87	
04/12/2024 17:00	9.11	0	96.3	15.31	10.13	0	51								



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
04/12/2024 18:00	9.22	0	96.73	15.32	10.75	0	57.02	16.19	22.97	0	241.1	31.74	0	168.34	
04/12/2024 18:05	9.84	0	96.84	15.31	10.63	0	61.01	15.86	24.5	0	241.01	29.42	0	168.11	
04/12/2024 18:10	9.84	0	95.3	15.35	10.96	0	59.88	15.91	24.67	0	238.29	30.52	0	166.77	
04/12/2024 18:15	9.73	0	95.64	15.33	11.25	0	59.41	15.94	24.28	0	238.68	31.51	0	166.4	
04/12/2024 18:20	9.45	0	96.63	15.32	10.93	0	62.47	15.69	23.52	0	240.5	29.24	0	166.7	
04/12/2024 18:25	9.23	0	95.43	15.33	11.51	0	61.55	15.73	23.07	0	238.11	30.98	0	165.64	
04/12/2024 18:30	9.53	0	96.19	15.33	11.7	0	62.36	15.75	23.78	0	240	31.59	0	168.31	
04/12/2024 18:35	9.63	0	96.43	15.31	11.1	0	64.29	15.62	23.94	0	239.83	29.25	0	168.98	
04/12/2024 18:40	9.69	0	95.11	15.32	11.36	0	61.56	15.72	24.16	0	237.11	30.47	0	165.14	
04/12/2024 18:45	9.89	0	95.83	15.33	11.05	0	62.27	15.72	24.69	0	239.12	29.63	0	166.99	
04/12/2024 18:50	10.16	0	95.76	15.32	11.04	0	63.22	15.61	25.3	0	238.52	28.99	0	165.99	
04/12/2024 18:55	10.52	0	94.09	15.34	11.58	0	62.12	15.67	26.33	0	235.2	30.79	0	165.17	
04/12/2024 19:00	9.84	0	95.66	15.33	11.92	0	63.14	15.67	24.54	0	238.64	31.7	0	167.87	
04/12/2024 19:05	11.09	0	94.4	15.31	11.37	0	64.22	15.59	27.59	0	234.93	29.78	0	167.98	
04/12/2024 19:10	11.1	0	92.62	15.34	11.52	0	61.78	15.68	27.74	0	231.29	30.67	0	164.41	
04/12/2024 19:15	9.8	0	94.27	15.32	11.61	0	61.97	15.67	24.4	0	234.76	30.84	0	164.61	
04/12/2024 19:20	10.78	0	94.9	15.31	11.27	0	63.99	15.59	26.81	0	236.12	29.5	0	167.25	
04/12/2024 19:25	11.03	0	93.67	15.34	11.39	0	62.42	15.67	27.59	0	234.01	30.25	0	165.74	
04/12/2024 19:30	10.03	0	94.13	15.31	11.25	0	62.41	15.66	24.96	0	234.27	29.87	0	165.67	
04/12/2024 19:35	11.01	0	94.09	15.31	11.14	0	63.86	15.57	27.38	0	233.9	29.07	0	166.43	
04/12/2024 19:40	11.2	0	92.86	15.33	11.52	0	62.77	15.67	27.92	0	231.44	30.61	0	166.8	
04/12/2024 19:45	10.22	0	94.14	15.33	11.53	0	63.22	15.66	25.49	0	234.83	30.58	0	167.68	
04/12/2024 19:50	11.06	0	93.77	15.32	11.29	0	64.02	15.61	27.57	0	233.69	29.67	0	168.14	
04/12/2024 19:55	11.35	0	92.28	15.34	11.54	0	61.97	15.71	28.39	0	230.58	30.91	0	165.92	
04/12/2024 20:00	10.54	0	92.54	15.32	11.42	0	61.3	15.69	26.26	0	230.58	30.49	0	163.61	
04/12/2024 20:05	11.1	0	91.88	15.31	11.4	0	62.78	15.59	27.6	0	228.47	29.84	0	164.18	
04/12/2024 20:10	11.38	0	90.03	15.33	11.68	0	60.98	15.67	28.39	0	224.52	31.07	0	162.19	
04/12/2024 20:15	10.31	0	93.62	15.32	11.61	0	61.33	15.66	25.7	0	233.31	30.78	0	162.62	
04/12/2024 20:20	10.05	0	93.58	15.31	11.2	0	62.89	15.6	24.98	0	232.57	29.37	0	164.69	
04/12/2024 20:25	9.95	0	91.69	15.33	11.53	0	61.25	15.7	24.86	0	228.68	30.84	0	163.79	
04/12/2024 20:30	10.38	0	93.02	15.32	11.77	0	60.8	15.68	25.88	0	231.92	31.36	0	162.03	
04/12/2024 20:35	10.97	0	93.95	15.31	11.34	0	62.88	15.6	27.28	0	233.72	29.77	0	164.91	
04/12/2024 20:40	10.96	0	92.84	15.33	11.59	0	61.75	15.69	27.34	0	231.39	30.94	0	164.89	
04/12/2024 20:45	10.4	0	93.52	15.33	11.63	0	60.69	15.69	25.94	0	233.28	31.02	0	161.93	
04/12/2024 20:50	10.77	0	93.13	15.31	11.36	0	62.77	15.61	26.79	0	231.74	29.83	0	164.66	
04/12/2024 20:55	10.87	0	92.08	15.33	11.62	0	61.22	15.68	27.14	0	229.65	30.95	0	163.14	
04/12/2024 21:00	10.43	0	93.57	15.33	11.5	0	62.13	15.68	26.04	0	233.5	30.61	0	165.37	
04/12/2024 21:05	10.66	0	92.98	15.31	11.29	0	62.68	15.61	26.5	0	231.21	29.68	0	164.58	
04/12/2024 21:10	10.91	0	91.41	15.33	11.86	0	59.69	15.69	27.24	0	227.87	31.64	0	159.23	
04/12/2024 21:15	10.56	0	91.28	15.33	11.97	0	59.72	15.68	26.35	0	227.68	31.88	0	159.06	
04/12/2024 21:20	11.43	0	91.86	15.32	11.69	0	61.38	15.6	28.49	0	228.91	30.67	0	160.76	
04/12/2024 21:25	11.36	0	90.72	15.34	11.61	0	60.24	15.68	28.39	0	226.65	30.89	0	160.25	
04/12/2024 21:30	10.43	0	92.9	15.32	11.61	0	60.73	15.65	25.97	0	231.33	30.73	0	160.75	
04/12/2024 21:35	10.57	0	92.17	15.3	11.35	0	61.55	15.57	26.24	0	228.87	29.62	0	160.51	
04/12/2024 21:40	10.75	0	90.81	15.32	11.85	0	59.69	15.63	26.78	0	225.98	31.24	0	157.31	
04/12/2024 21:45	10.06	0	92.6	15.31	12.02	0	59.69	15.62	25.02	0	230.3	31.62	0	157.05	
04/12/2024 21:50	10.82	0	92.93	15.3	11.39	0	61.27	15.55	26.88	0	230.85	29.59	0	158.97	
04/12/2024 21:55	10.82	0	91.46	15.33	11.47	0	60.83	15.62	26.99	0	227.97	30.18	0	160.06	
04/12/2024 22:00	9.75	0	92.97	15.31	11.39	0	60.53	15.61	24.23	0	231.08	29.92	0	158.99	
04/12/2024 22:05	10.54	0	93.45	15.3	11.15	0	61.68	15.56	26.16	0	231.99	29.03	0	160.47	
04/12/2024 22:10	10.64	0	92.24	15.32	11.55	0	60.41	15.66	26.51	0	229.64	30.63	0	160.12	
04/12/2024 22:15	10	0	93.14	15.32	11.66	0	60.55	15.63	24.91	0	232.09	30.76	0	159.78	
04/12/2024 22:20	10.23	0	93.93	15.31	11.26	0	62.52	15.56	25.45	0	233.65	29.35	0	162.71	
04/12/2024 22:25	10.14	0	92.55	15.32	11.6	0	61.28	15.61	25.29	0	230.59	30.49	0	161.13	
04/12/2024 22:30	9.72	0	93.27	15.32	11.67	0	61.8	15.59	24.21	0	232.31	30.58	0	161.88	
04/12/2024 22:35	10.73	0	93.43	15.31	11.41	0	62.85	15.53	26.68	0	232.37	29.53	0	162.52	
04/12/2024 22:40	11.14	0	92.28	15.33	11.78	0	61.15	15.59	27.8	0	230.08	30.82	0	160	
04/12/2024 22:45	9.75	0	93.18	15.33	11.88	0	62.06	15.58	24.32	0	232.48	31.02	0	162.1	
04/12/2024 22:50	10.97	0	92.53	15.32	11.42	0	62.34	15.54	27.36	0	230.66	29.63	0	161.66	
04/12/2024 22:55	10.97	0	90.93	15.34	11.6	0	61.34	15.61	27.45	0	227.27	30.49	0	161.25	
04/12/2024 23:00	10.19	0	92.85	15.34	11.56	0	61.67	15.61	25.47	0	232.11	30.37	0	161.98	
04/12/2024 23:05	10.45	0	92.48	15.32	11.16	0	62.21	15.57	26.05	0	230.46	29.1	0	162.12	
04/12/2024 23:10	10.17	0	90.25	15.33	11.44	0	61.2	15.64	25.39	0	225.08	30.23	0	161.67	
04/12/2024 23:15	9.83	0	93.62	15.34	11.72	0	61.25	15.62	24.57	0	233.98	30.84	0	161.21	
04/12/2024 23:20	11.27	0	94.3	15.33	11.32	0	63.42	15.56	28.15	0	235.48	29.49	0	165.09	
04/12/2024 23:25	11.42	0	92.56	15.34	11.6	0	62.04	15.62	28.59	0	231.55	30.54	0	163.32	
04/12/2024 23:30	10.11	0	93.34	15.34	11.77	0	62.19	15.61	25.27	0	233.36	30.93	0	163.48	
04/12/2024 23:35	10.07	0	93.53	15.32	11.22	0	63.94	15.53	25.08	0	233.01	29.08	0	165.53	
04/12/2024 23:40	9.97	0	92.4	15.33	11.36	0	63.11	15.58	24.91	0	230.55	29.66	0	164.8	
04/12/2024 23:45	9.75	0	93.62	15.34	11.3	0	63.75	15.57	24.36	0	233.91	29.46	0	166.26	
04/12/2024 23:50	11.14	0	94.12	15.33	11.05	0	64.52	15.52	27.82	0	235.03	28.57	0	166.74	
04/12/2024 23:55	11.2	0	92.77	15.35	11.48	0	63.43	15.58	28.05	0	232.11	30.01	0	165.86	
05/12/2024 00:00	9.91	0	93.87	15.34	11.52	0	63.38	15.59	24.78	0	234.71	30.12	0	165.77	
05/12/2024 00:05	10.76	0	93.93	15.34	11.31	0	64.45	15.54	26.89	0	234.68	29.31	0	167.02	
05/12/2024 00:10	11.08	0	92.32	15.35	11.53	0	63.03	15.58	27.76	0	231.21	30.1	0	164.53	
05/12/2024 00:15	9.74	0	93.99	15.34	11.42	0	63.73	15.58	24.37	0	235.05	29.82	0	166.42	
05/12/2024 00:20	10.59	0	94.35	15.33	11.09	0	64.81	15.54	26.44	0	235.64	28.74	0	167.87	
05/12/2024 00:25	10.72	0	92.88	15.35	11.49	0	63	15.6	26.84	0	232.46	30.1	0	165.08	
05/12/2024 00:30	10.														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
05/12/2024 01:30	10.23	0	93.18	15.34	11.41	0	62.55	15.59	25.6	0	233.13	29.85	0	163.7	
05/12/2024 01:35	11.07	0	94.29	15.33	11.17	0	64.34	15.54	27.64	0	235.44	28.98	0	166.69	
05/12/2024 01:40	11.23	0	93.63	15.35	11.49	0	62.14	15.61	28.11	0	234.23	30.2	0	163.35	
05/12/2024 01:45	10.23	0	92.52	15.35	11.78	0	62.23	15.61	25.61	0	231.64	30.96	0	163.56	
05/12/2024 01:50	10.82	0	93.26	15.34	11.44	0	63.82	15.55	27.04	0	233.11	29.72	0	165.69	
05/12/2024 01:55	10.88	0	92.12	15.35	11.69	0	61.93	15.61	27.26	0	230.73	30.69	0	162.62	
05/12/2024 02:00	10.44	0	92.55	15.35	11.5	0	62.36	15.61	26.16	0	231.83	30.2	0	163.79	
05/12/2024 02:05	11.25	0	92.72	15.34	11.49	0	63.59	15.54	28.14	0	231.86	29.84	0	164.9	
05/12/2024 02:10	11.33	0	90.44	15.36	11.91	0	61.1	15.6	28.44	0	226.82	31.24	0	160.3	
05/12/2024 02:15	10.54	0	92.42	15.35	11.83	0	61.36	15.6	26.39	0	231.49	31.04	0	161.02	
05/12/2024 02:20	10.58	0	92.24	15.33	11.52	0	62.51	15.55	26.4	0	230.17	29.94	0	162.32	
05/12/2024 02:25	10.52	0	90.78	15.34	11.88	0	61.44	15.6	26.33	0	226.96	31.17	0	161.17	
05/12/2024 02:30	10.63	0	92.54	15.34	12.31	0	61.86	15.6	26.59	0	231.33	32.31	0	162.33	
05/12/2024 02:35	10.98	0	93.55	15.33	11.62	0	63.7	15.54	27.37	0	233.31	30.17	0	165.12	
05/12/2024 02:40	11.2	0	92.36	15.34	11.62	0	62.87	15.6	28.01	0	230.86	30.45	0	164.74	
05/12/2024 02:45	10.29	0	94.44	15.34	11.5	0	62.67	15.59	25.75	0	236.25	30.08	0	163.93	
05/12/2024 02:50	11.04	0	93.59	15.33	11.3	0	63.18	15.54	27.55	0	233.65	29.34	0	163.88	
05/12/2024 02:55	10.9	0	92	15.34	11.81	0	62	15.6	27.28	0	230.04	30.98	0	162.6	
05/12/2024 03:00	10.56	0	93.19	15.35	11.86	0	62.2	15.61	26.45	0	233.31	31.14	0	163.33	
05/12/2024 03:05	11.11	0	93.99	15.34	11.4	0	64.03	15.55	27.76	0	234.91	29.64	0	166.28	
05/12/2024 03:10	11.11	0	92.84	15.35	11.55	0	62.22	15.61	27.86	0	232.59	30.35	0	163.57	
05/12/2024 03:15	10.67	0	93.59	15.35	11.7	0	62.8	15.61	26.73	0	234.47	30.74	0	164.94	
05/12/2024 03:20	10.61	0	93.59	15.34	11.32	0	63.91	15.56	26.53	0	234.01	29.46	0	166.3	
05/12/2024 03:25	10.76	0	91.15	15.35	11.8	0	62.12	15.6	26.99	0	228.38	30.95	0	162.91	
05/12/2024 03:30	10.08	0	93.53	15.35	12.03	0	62.53	15.59	25.23	0	234.04	31.52	0	163.8	
05/12/2024 03:35	10.99	0	92.81	15.34	11.5	0	63.75	15.53	27.47	0	231.92	29.79	0	164.97	
05/12/2024 03:40	11.07	0	91.43	15.35	11.65	0	62.13	15.59	27.76	0	229.03	30.49	0	162.54	
05/12/2024 03:45	10.36	0	93.56	15.34	11.53	0	63.06	15.59	25.91	0	234.08	30.18	0	165.05	
05/12/2024 03:50	10.91	0	93.61	15.33	11.35	0	63.93	15.54	27.24	0	233.77	29.43	0	165.62	
05/12/2024 03:55	10.85	0	92.54	15.34	11.66	0	62.09	15.6	27.14	0	231.44	30.59	0	162.85	
05/12/2024 04:00	10.37	0	94.22	15.35	11.48	0	61.84	15.6	25.99	0	236.06	30.11	0	162.15	
05/12/2024 04:05	11.01	0	95.38	15.34	11.21	0	64.55	15.55	27.52	0	238.36	29.12	0	167.49	
05/12/2024 04:10	11.26	0	93.72	15.35	11.38	0	64.14	15.61	28.23	0	234.75	29.9	0	168.5	
05/12/2024 04:15	10.07	0	94.48	15.35	11.56	0	63.92	15.61	25.2	0	236.43	30.39	0	167.99	
05/12/2024 04:20	10.83	0	94.02	15.33	11.24	0	64.66	15.55	27.05	0	234.74	29.18	0	167.74	
05/12/2024 04:25	10.89	0	93.04	15.34	11.54	0	62.21	15.59	27.23	0	232.56	30.25	0	162.99	
05/12/2024 04:30	10.44	0	94.05	15.34	11.61	0	62.13	15.58	26.08	0	234.99	30.36	0	162.45	
05/12/2024 04:35	11.22	0	94.43	15.33	11.34	0	63.64	15.54	27.97	0	235.44	29.39	0	164.82	
05/12/2024 04:40	11.49	0	92.89	15.34	11.6	0	62.8	15.57	28.75	0	232.27	30.26	0	163.77	
05/12/2024 04:45	10.46	0	92.48	15.34	12.02	0	62.56	15.57	26.16	0	231.21	31.34	0	163.17	
05/12/2024 04:50	11.02	0	93.38	15.33	11.53	0	63.88	15.52	27.5	0	233.07	29.8	0	164.99	
05/12/2024 04:55	11.24	0	91.46	15.35	11.49	0	62.95	15.57	28.16	0	228.87	29.97	0	164.21	
05/12/2024 05:00	10.14	0	94.18	15.35	11.56	0	63	15.57	25.39	0	235.84	30.16	0	164.31	
05/12/2024 05:05	10.88	0	94.62	15.35	11.18	0	64.41	15.53	27.23	0	236.88	28.96	0	166.63	
05/12/2024 05:10	11	0	92.99	15.37	11.53	0	63.43	15.58	27.62	0	233.42	30.11	0	165.63	
05/12/2024 05:15	9.96	0	95.32	15.34	11.72	0	63.95	15.57	24.92	0	238.4	30.57	0	166.84	
05/12/2024 05:20	10.53	0	96.76	15.33	11.06	0	66.29	15.51	26.3	0	241.57	28.53	0	170.88	
05/12/2024 05:25	10.6	0	94.36	15.34	11.19	0	65.12	15.55	26.52	0	235.89	29.06	0	169.09	
05/12/2024 05:30	10.13	0	95.09	15.34	11.3	0	64.92	15.55	25.34	0	237.79	29.36	0	168.72	
05/12/2024 05:35	10.71	0	95.63	15.33	10.98	0	65.71	15.51	26.75	0	238.8	28.33	0	169.4	
05/12/2024 05:40	10.76	0	93.77	15.35	11.24	0	64.78	15.56	26.92	0	234.58	29.23	0	168.46	
05/12/2024 05:45	10.13	0	94.51	15.33	11.14	0	64.72	15.55	25.29	0	236.01	28.95	0	168.2	
05/12/2024 05:50	10.73	0	95.04	15.33	10.92	0	65.79	15.5	26.77	0	237.08	28.13	0	169.37	
05/12/2024 05:55	10.87	0	93.62	15.34	11.31	0	64.26	15.56	27.17	0	233.94	29.42	0	167.12	
05/12/2024 06:00	10.03	0	94.87	15.34	11.06	0	64.31	15.56	25.09	0	237.24	28.78	0	167.34	
05/12/2024 06:05	10.39	0	94.45	15.33	10.87	0	64.63	15.52	25.92	0	235.7	28.08	0	166.97	
05/12/2024 06:10	10.22	0	92.98	15.34	11.23	0	63.88	15.58	25.56	0	232.39	29.35	0	167.02	
05/12/2024 06:15	10.03	0	94.59	15.34	11.13	0	64.16	15.59	25.08	0	236.51	29.1	0	167.81	
05/12/2024 06:20	10.69	0	94.26	15.33	10.95	0	64.87	15.54	26.68	0	235.37	28.39	0	168.03	
05/12/2024 06:25	10.66	0	92.83	15.35	11.3	0	63.46	15.6	26.69	0	232.23	29.65	0	166.58	
05/12/2024 06:30	10.31	0	93.94	15.33	11.47	0	63.14	15.6	25.76	0	234.62	30.11	0	165.74	
05/12/2024 06:35	10.84	0	94.01	15.32	11.17	0	65.1	15.54	27.02	0	234.37	29	0	168.88	
05/12/2024 06:40	10.85	0	92.96	15.34	11.28	0	63.67	15.58	27.11	0	232.16	29.49	0	166.42	
05/12/2024 06:45	10.43	0	94.57	15.34	11.17	0	63.59	15.59	26.04	0	236.24	29.22	0	166.34	
05/12/2024 06:50	10.91	0	94.32	15.34	11.04	0	65.64	15.54	27.25	0	235.6	28.65	0	170.2	
05/12/2024 06:55	10.98	0	92.13	15.35	11.45	0	63.23	15.58	27.48	0	230.53	29.92	0	165.22	
05/12/2024 07:00	10.45	0	94.32	15.35	11.39	0	63.42	15.59	26.19	0	236.29	29.82	0	166.04	
05/12/2024 07:05	10.9	0	94.68	15.34	11.21	0	64.99	15.52	27.28	0	236.83	28.94	0	167.7	
05/12/2024 07:10	10.97	0	93.67	15.35	11.6	0	63.56	15.53	27.48	0	234.64	30.03	0	164.58	
05/12/2024 07:15	10.26	0	93.64	15.35	11.64	0	63.92	15.53	25.7	0	234.64	30.14	0	165.5	
05/12/2024 07:20	11.48	0	92.99	15.34	11.47	0	64.63	15.51	28.72	0	232.62	29.55	0	166.49	
05/12/2024 07:25	11.64	0	92.02	15.35	11.55	0	63.63	15.57	29.18	0	230.54	30.12	0	165.86	
05/12/2024 07:30	10.29	0	93.89	15.34	11.83	0	64.39	15.57	25.74	0	234.83	30.84	0	167.88	
05/12/2024 07:35	11.07	0	93.82	15.33	11.46	0	65.22	15.52	27.65	0	234.24	29.6	0	168.4	
05/12/2024 07:40	11.14	0	92.37	15.34	11.57	0	63.46	15.56	27.87	0	230.94	30.13	0	165.25	
05/12/2024 07:45	10.21	0	93.93	15.34	11.56	0	63.09	15.55	25.55	0	234.97	30.07	0	164.07	
05/12/2024 07:50	11.23	0	94.09	15.33	11.21	0	64.78	15.51	28.04	0	234.97	28.92	0	167.06	
05/12/2024 07:55	11.47	0	92.54	15.35	11.53	0	63.71	15.56	28.71	0	231.54	30.02	0	165.87	
05/12/202															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
05/12/2024 09:00	10.34	0	93.4	15.33	11.33	0	61.97	15.64	25.8	0	233.14	29.95	0	163.83	
05/12/2024 09:05	11.02	0	93.12	15.33	11.31	0	62.8	15.59	27.48	0	232.31	29.63	0	164.39	
05/12/2024 09:10	11.27	0	91.24	15.35	11.8	0	60.09	15.67	28.24	0	228.42	31.37	0	159.73	
05/12/2024 09:15	10.34	0	93.76	15.34	11.73	0	60.86	15.66	25.83	0	234.27	31.11	0	161.32	
05/12/2024 09:20	10.52	0	94.36	15.32	11.29	0	62.57	15.57	26.2	0	235.07	29.47	0	163.06	
05/12/2024 09:25	10.4	0	92.96	15.33	11.85	0	60.95	15.62	25.95	0	231.96	31.18	0	160.36	
05/12/2024 09:30	10.23	0	92.62	15.34	12.39	0	61.39	15.6	25.59	0	231.66	32.5	0	161.01	
05/12/2024 09:35	10.99	0	92.32	15.35	11.78	0	62.18	15.55	27.51	0	231.07	30.59	0	161.37	
05/12/2024 09:40	10.94	0	91.18	15.36	11.94	0	60.93	15.59	27.45	0	228.62	31.23	0	159.38	
05/12/2024 09:45	10.41	0	92.21	15.34	11.88	0	60.83	15.59	26.04	0	230.61	31.08	0	159.2	
05/12/2024 09:50	11.38	0	92.39	15.33	11.72	0	61.81	15.53	28.41	0	230.74	30.32	0	159.82	
05/12/2024 09:55	11.45	0	91.18	15.35	12.09	0	60.07	15.57	28.66	0	228.16	31.54	0	156.73	
05/12/2024 10:00	10.39	0	91.06	15.34	12.02	0	60.56	15.57	25.99	0	227.81	31.35	0	158	
05/12/2024 10:05	10.85	0	91.8	15.33	11.58	0	61.11	15.57	27.06	0	229.05	30.22	0	159.32	
05/12/2024 10:10	10.91	0	89.93	15.34	12	0	58.79	15.66	27.28	0	224.84	31.86	0	156.03	
05/12/2024 10:15	10.73	0	90.79	15.34	11.98	0	58.3	15.65	26.82	0	226.93	31.71	0	154.26	
05/12/2024 10:20	11.54	0	90.44	15.33	11.71	0	60.2	15.58	28.78	0	225.56	30.62	0	157.29	
05/12/2024 10:25	11.55	0	89.27	15.34	11.81	0	59.63	15.67	28.89	0	223.13	31.37	0	158.39	
05/12/2024 10:30	10.86	0	89.11	15.33	11.98	0	59.19	15.65	27.12	0	222.4	31.73	0	156.71	
05/12/2024 10:35	11.81	0	89.01	15.33	11.77	0	59.01	15.64	29.45	0	221.94	31.1	0	155.73	
05/12/2024 10:40	11.88	0	88.07	15.34	12.05	0	55.97	15.76	29.73	0	220.25	32.6	0	151.35	
05/12/2024 10:45	11.12	0	89.5	15.33	12.03	0	56.55	15.74	27.76	0	223.45	32.42	0	152.39	
05/12/2024 10:50	10.54	0	90.88	15.31	11.53	0	59.71	15.63	26.22	0	226	30.44	0	157.23	
05/12/2024 10:55	10.89	0	89.91	15.33	11.92	0	59.11	15.67	27.2	0	224.34	31.7	0	157.18	
05/12/2024 11:00	10.75	0	91.39	15.33	12.14	0	59.63	15.64	26.82	0	227.91	32.1	0	157.63	
05/12/2024 11:05	11.29	0	91.55	15.31	11.71	0	60.27	15.61	28.1	0	227.84	30.76	0	158.07	
05/12/2024 11:10	11.19	0	90.18	15.34	11.75	0	57.81	15.76	27.96	0	225.08	31.74	0	156.22	
05/12/2024 11:15	10.33	0	91.02	15.33	11.81	0	57.64	15.75	25.77	0	227.07	31.88	0	155.57	
05/12/2024 11:20	11.45	0	91.34	15.32	11.52	0	59.93	15.64	28.52	0	227.56	30.49	0	158.33	
05/12/2024 11:25	11.82	0	90.06	15.34	11.64	0	58.81	15.72	29.55	0	225	31.23	0	157.7	
05/12/2024 11:30	10.4	0	91.66	15.33	11.69	0	59.39	15.69	25.94	0	228.57	31.18	0	158.42	
05/12/2024 11:35	11.45	0	92.51	15.32	11.31	0	60.4	15.63	28.49	0	230.25	29.81	0	159.05	
05/12/2024 11:40	11.44	0	91.21	15.33	11.73	0	59.56	15.66	28.54	0	227.42	31.14	0	158.11	
05/12/2024 11:45	10.37	0	91.96	15.33	12.13	0	59.84	15.62	25.87	0	229.29	31.93	0	157.6	
05/12/2024 11:50	11.22	0	91.76	15.3	11.53	0	61.71	15.58	27.87	0	227.9	30.13	0	161.18	
05/12/2024 11:55	11.3	0	90.44	15.31	11.8	0	60.65	15.61	28.13	0	224.98	31	0	159.35	
05/12/2024 12:00	10.12	0	91.97	15.3	11.84	0	60.3	15.58	25.13	0	228.32	30.96	0	157.63	
05/12/2024 12:05	10.5	0	92.46	15.28	11.5	0	61.88	15.52	25.98	0	228.73	29.75	0	159.87	
05/12/2024 12:10	10.87	0	90.36	15.31	11.87	0	59.8	15.6	27.04	0	224.39	31.14	0	156.8	
05/12/2024 12:15	10.23	0	92.27	15.3	11.97	0	60.23	15.62	25.38	0	228.92	31.49	0	158.49	
05/12/2024 12:20	10.38	0	92.63	15.28	11.6	0	62.47	15.53	25.68	0	229.15	30.05	0	161.73	
05/12/2024 12:25	10.41	0	90.42	15.3	11.87	0	60.4	15.58	25.88	0	224.41	31	0	157.78	
05/12/2024 12:30	9.99	0	92.36	15.3	11.67	0	60.8	15.59	24.79	0	229.19	30.58	0	159.26	
05/12/2024 12:35	10.27	0	92.54	15.28	11.23	0	62.48	15.51	25.42	0	229.07	28.97	0	160.93	
05/12/2024 12:40	10.33	0	91.05	15.3	11.79	0	61.77	15.55	25.66	0	225.92	30.66	0	160.61	
05/12/2024 12:45	9.81	0	92.97	15.3	12.11	0	61.67	15.56	24.37	0	230.95	31.51	0	160.47	
05/12/2024 12:50	10.47	0	92.12	15.29	11.55	0	62.61	15.51	25.95	0	228.24	29.79	0	161.3	
05/12/2024 12:55	10.63	0	90.48	15.31	11.79	0	61.78	15.56	26.44	0	224.76	30.7	0	160.85	
05/12/2024 13:00	9.72	0	92.65	15.3	11.8	0	61.67	15.56	24.12	0	230.01	30.73	0	160.65	
05/12/2024 13:05	10.52	0	91.6	15.29	11.4	0	62.94	15.5	26.09	0	227.03	29.35	0	161.95	
05/12/2024 13:10	10.63	0	89.82	15.3	11.79	0	61.45	15.56	26.4	0	222.96	30.66	0	159.81	
05/12/2024 13:15	9.94	0	91.56	15.3	11.84	0	62.11	15.55	24.67	0	227.21	30.74	0	161.23	
05/12/2024 13:20	10.23	0	91.39	15.29	11.38	0	63.49	15.5	25.36	0	226.64	29.32	0	163.37	
05/12/2024 13:25	10.25	0	90.12	15.31	11.69	0	62.49	15.54	25.47	0	223.9	30.29	0	161.93	
05/12/2024 13:30	9.91	0	91.93	15.31	11.3	0	63.45	15.53	24.64	0	228.47	29.26	0	164.33	
05/12/2024 13:35	10.57	0	92.26	15.29	11.3	0	64.2	15.48	26.19	0	228.47	28.96	0	164.46	
05/12/2024 13:40	10.67	0	91.16	15.3	11.69	0	61.98	15.53	26.5	0	226.14	30.28	0	160.52	
05/12/2024 13:45	9.88	0	92.03	15.3	11.67	0	61.97	15.54	24.52	0	228.39	30.28	0	160.77	
05/12/2024 13:50	10.74	0	92.35	15.29	11.35	0	64.07	15.5	26.6	0	228.78	29.24	0	164.98	
05/12/2024 13:55	10.91	0	91.28	15.3	11.4	0	62.07	15.59	27.1	0	226.56	29.84	0	162.5	
05/12/2024 14:00	9.88	0	92.94	15.29	11.42	0	62.86	15.59	24.5	0	230.46	29.92	0	164.66	
05/12/2024 14:05	10.75	0	93.54	15.28	11.17	0	64.01	15.5	26.58	0	231.27	28.76	0	164.62	
05/12/2024 14:10	10.8	0	92.09	15.29	11.64	0	63.5	15.45	26.77	0	228.02	29.72	0	162.08	
05/12/2024 14:15	9.84	0	92.51	15.28	11.52	0	62.86	15.47	24.36	0	228.88	29.46	0	160.83	
05/12/2024 14:20	10.46	0	92.84	15.27	11.24	0	64.1	15.44	25.84	0	229.3	28.61	0	163.12	
05/12/2024 14:25	10.49	0	91.59	15.29	11.58	0	62.32	15.57	25.98	0	226.73	30.22	0	162.58	
05/12/2024 14:30	9.71	0	93.22	15.29	11.69	0	61.39	15.6	24.06	0	230.99	30.63	0	160.86	
05/12/2024 14:35	10.23	0	93.56	15.28	11.25	0	62.53	15.53	25.3	0	231.3	29.14	0	161.78	
05/12/2024 14:40	10.25	0	92.55	15.29	11.49	0	61.48	15.64	25.42	0	229.37	30.36	0	162.45	
05/12/2024 14:45	9.66	0	93.67	15.3	11.41	0	60.66	15.66	23.98	0	232.54	30.27	0	160.98	
05/12/2024 14:50	10.29	0	93.58	15.29	11.08	0	62.58	15.55	25.5	0	231.87	28.84	0	162.69	
05/12/2024 14:55	10.34	0	91.88	15.31	11.47	0	62.25	15.63	25.72	0	228.28	30.23	0	164.09	
05/12/2024 15:00	9.94	0	93.21	15.3	11.45	0	62.39	15.66	24.65	0	231.25	30.37	0	165.43	
05/12/2024 15:05	10.47	0	92.62	15.29	11.12	0	63.54	15.58	25.92	0	229.38	29.06	0	165.81	
05/12/2024 15:10	10.48	0	91.34	15.31	11.52	0	60.11	15.76	26.08	0	226.96	31.14	0	162.5	
05/12/2024 15:15	9.59	0	93.49	15.29	11.69	0	60.19	15.81	23.77	0	231.72	31.94	0	164.49	
05/12/2024 15:20	10.12	0	94.3	15.28	11.06	0	62.78	15.63	25.02	0	233.08	29.23	0	165.45	
05/12/2024 15:25	10.25	0	93.6	15.29	11.25	0	62.7	15.66	25.42	0	231.87	29.87	0	166.41	
05/12/2024 15:30	9.32	0	96.19	1											



Date & Time	Stack1_NO <sub>2</sub>	Stack1_SO <sub>2</sub>	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO <sub>2</sub>	Stack2_SO <sub>2</sub>	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO <sub>x</sub>	ck1_SO <sub>2</sub>	ck1_CO	ck2_NO <sub>x</sub>	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
05/12/2024 16:30	9.33	0	96.52	15.31	10.56	0	61.08	15.9	23.2	0	240.1	29.37	0	169.85	
05/12/2024 16:35	9.73	0	97.27	15.31	10.44	0	64.59	15.68	24.18	0	241.68	27.83	0	171.68	
05/12/2024 16:40	9.83	0	96.01	15.33	10.94	0	61.96	15.8	24.57	0	239.53	29.78	0	168.7	
05/12/2024 16:45	9.18	0	97.24	15.31	11.16	0	61.64	15.84	22.84	0	241.96	30.66	0	169.4	
05/12/2024 16:50	9.7	0	96.04	15.31	10.79	0	63.83	15.65	24.1	0	238.6	28.64	0	169.03	
05/12/2024 16:55	9.83	0	93.9	15.34	11.07	0	61.38	15.77	24.61	0	234.41	29.99	0	166.27	
05/12/2024 17:00	9.45	0	95.79	15.32	10.97	0	59.94	15.86	23.56	0	238.75	30.25	0	165.28	
05/12/2024 17:05	9.79	0	96.67	15.31	10.59	0	63.52	15.67	24.32	0	240.28	28.22	0	168.72	
05/12/2024 17:10	9.78	0	95.32	15.33	10.88	0	61.86	15.81	24.46	0	237.82	29.7	0	168.84	
05/12/2024 17:15	9.32	0	96.42	15.32	10.94	0	62.19	15.87	23.2	0	240.09	30.23	0	171.86	
05/12/2024 17:20	10.12	0	95.82	15.3	10.79	0	64.56	15.65	25.13	0	237.92	28.59	0	170.78	
05/12/2024 17:25	10.2	0	95.01	15.32	11.07	0	63.25	15.69	25.42	0	236.58	29.53	0	168.76	
05/12/2024 17:30	9.39	0	97.83	15.32	10.89	0	62.86	15.79	23.37	0	243.54	29.61	0	170.9	
05/12/2024 17:35	9.92	0	97.7	15.31	10.86	0	66.54	15.56	24.65	0	242.77	28.32	0	173.35	
05/12/2024 17:40	10.04	0	96.34	15.31	11.48	0	65.21	15.45	25	0	239.65	29.28	0	166.32	
05/12/2024 17:45	9.5	0	95.67	15.32	11.89	0	65.2	15.46	23.66	0	238.36	30.41	0	166.73	
05/12/2024 17:50	10.08	0	96.73	15.32	11.15	0	65.5	15.54	25.11	0	240.99	28.88	0	169.66	
05/12/2024 17:55	10.09	0	95.23	15.36	10.97	0	60.29	15.92	25.38	0	238.73	30.64	0	168.31	
05/12/2024 18:00	9.5	0	96.46	15.34	10.81	0	59.69	16.02	23.74	0	240.95	30.81	0	170.08	
05/12/2024 18:05	9.25	0	96.62	15.31	10.64	0	62.65	15.78	23.01	0	240.23	28.93	0	169.89	
05/12/2024 18:10	9.1	0	95.64	15.33	10.86	0	61.78	15.85	22.74	0	238.45	29.88	0	169.97	
05/12/2024 18:15	9.23	0	97.8	15.31	11.39	0	61.53	15.91	22.94	0	243.15	31.71	0	171.27	
05/12/2024 18:20	9.82	0	97.21	15.3	10.96	0	64.85	15.66	24.37	0	241.14	29.17	0	171.85	
05/12/2024 18:25	9.66	0	96.39	15.31	11.15	0	63	15.71	24.05	0	239.76	29.88	0	168.88	
05/12/2024 18:30	9.33	0	97.92	15.32	10.98	0	62.75	15.76	23.22	0	243.78	29.7	0	169.67	
05/12/2024 18:35	10.35	0	98.27	15.32	10.73	0	65.82	15.61	25.75	0	244.6	28.22	0	172.75	
05/12/2024 18:40	10.58	0	97.17	15.33	11.2	0	64.48	15.67	26.43	0	242.55	29.78	0	171.43	
05/12/2024 18:45	9.36	0	97.88	15.33	11.14	0	64.34	15.7	23.34	0	244.12	29.75	0	171.84	
05/12/2024 18:50	10.14	0	97.48	15.32	10.78	0	66.12	15.58	25.24	0	242.67	28.19	0	172.56	
05/12/2024 18:55	9.96	0	95.68	15.33	11.01	0	64.26	15.64	24.84	0	238.55	29.11	0	169.93	
05/12/2024 19:00	9.4	0	97.84	15.33	11.03	0	64.56	15.63	23.44	0	244.06	29.09	0	170.28	
05/12/2024 19:05	10.26	0	98.67	15.32	10.83	0	66.19	15.56	25.54	0	245.7	28.22	0	172.29	
05/12/2024 19:10	10.49	0	97.16	15.33	11.04	0	64.74	15.63	26.19	0	242.5	29.13	0	170.85	
05/12/2024 19:15	9.31	0	98.58	15.32	10.97	0	64.95	15.64	23.2	0	245.77	29	0	171.72	
05/12/2024 19:20	9.74	0	98.56	15.31	10.87	0	66.35	15.55	24.23	0	245.17	28.26	0	172.31	
05/12/2024 19:25	10.18	0	97.08	15.33	11.12	0	65.83	15.6	25.41	0	242.09	29.18	0	172.75	
05/12/2024 19:30	9.63	0	98.05	15.33	11.05	0	66.3	15.6	24.03	0	244.73	28.96	0	173.82	
05/12/2024 19:35	9.51	0	98.65	15.31	10.61	0	67.72	15.53	23.67	0	245.45	27.5	0	175.19	
05/12/2024 19:40	9.38	0	97.59	15.32	11.05	0	65.31	15.59	23.38	0	243.1	28.93	0	171	
05/12/2024 19:45	9.36	0	98.87	15.32	11	0	66.44	15.59	23.31	0	246.15	28.77	0	173.78	
05/12/2024 19:50	10.11	0	98.78	15.31	10.83	0	67.35	15.53	25.14	0	245.51	28.02	0	174.15	
05/12/2024 19:55	10.42	0	97.31	15.33	11.07	0	65.84	15.6	26	0	242.55	29	0	172.54	
05/12/2024 20:00	9.23	0	99.06	15.32	11.11	0	66.31	15.6	22.99	0	246.81	29.14	0	173.91	
05/12/2024 20:05	10.07	0	98.83	15.3	10.8	0	67.35	15.53	25	0	245.39	27.94	0	174.14	
05/12/2024 20:10	10.27	0	97.32	15.32	11.1	0	65.77	15.59	25.58	0	242.08	29.05	0	172.15	
05/12/2024 20:15	9.15	0	98.96	15.31	11.14	0	66.13	15.6	22.78	0	246.25	29.2	0	173.32	
05/12/2024 20:20	10.3	0	98.68	15.31	10.68	0	67.49	15.54	25.61	0	245.3	27.7	0	174.9	
05/12/2024 20:25	10.29	0	96.74	15.33	10.83	0	66.45	15.61	25.69	0	241.21	28.42	0	174.44	
05/12/2024 20:30	9.52	0	98.93	15.32	11	0	66.47	15.61	23.73	0	246.59	28.9	0	174.63	
05/12/2024 20:35	10.13	0	98.18	15.31	10.79	0	67.24	15.54	25.19	0	244.15	27.99	0	174.36	
05/12/2024 20:40	10.34	0	96.63	15.33	11.05	0	65.05	15.6	25.79	0	240.85	28.99	0	170.61	
05/12/2024 20:45	9.5	0	98.17	15.33	11.05	0	64.7	15.6	23.7	0	244.76	28.95	0	169.59	
05/12/2024 20:50	9.76	0	98.48	15.32	10.78	0	67.5	15.54	24.29	0	245.19	27.95	0	174.87	
05/12/2024 20:55	9.93	0	97.22	15.33	10.96	0	67.66	15.59	24.79	0	242.48	28.69	0	177.12	
05/12/2024 21:00	9.45	0	99.33	15.33	10.86	0	67.75	15.59	23.6	0	248.03	28.4	0	177.21	
05/12/2024 21:05	10.23	0	98.8	15.32	10.62	0	68.52	15.53	25.51	0	246.3	27.49	0	177.28	
05/12/2024 21:10	10.46	0	97.67	15.33	10.94	0	67.55	15.59	26.12	0	243.83	28.64	0	176.74	
05/12/2024 21:15	9.47	0	99.36	15.34	11.19	0	67.5	15.59	23.66	0	248.31	29.3	0	176.77	
05/12/2024 21:20	9.87	0	99.24	15.32	10.89	0	68.16	15.53	24.58	0	247.25	28.22	0	176.52	
05/12/2024 21:25	9.71	0	97.64	15.33	11.29	0	66.82	15.6	24.23	0	243.57	29.61	0	175.26	
05/12/2024 21:30	9.41	0	98.72	15.33	11.39	0	66.69	15.6	23.48	0	246.26	29.89	0	175	
05/12/2024 21:35	9.95	0	99.47	15.32	10.89	0	68.21	15.54	24.76	0	247.59	28.25	0	176.72	
05/12/2024 21:40	9.99	0	98.63	15.33	11.16	0	67.04	15.59	24.91	0	245.83	29.23	0	175.63	
05/12/2024 21:45	9.63	0	99	15.32	11.05	0	68	15.59	24	0	246.75	28.93	0	178.08	
05/12/2024 21:50	9.83	0	99.13	15.31	10.68	0	68.97	15.53	24.45	0	246.52	27.65	0	178.4	
05/12/2024 21:55	9.86	0	97.6	15.32	11.16	0	67.02	15.59	24.6	0	243.2	29.24	0	175.57	
05/12/2024 22:00	9.47	0	99.19	15.33	11.56	0	67.97	15.59	23.63	0	247.37	30.26	0	177.89	
05/12/2024 22:05	10.27	0	99.19	15.32	10.93	0	69.17	15.54	25.58	0	247.02	28.33	0	179.15	
05/12/2024 22:10	10.4	0	97.95	15.33	11.16	0	67.57	15.59	25.96	0	244.42	29.23	0	176.97	
05/12/2024 22:15	9.5	0	100.02	15.33	11.11	0	67.78	15.6	23.7	0	249.44	29.12	0	177.66	
05/12/2024 22:20	9.99	0	101.32	15.32	10.74	0	69.93	15.54	24.87	0	252.3	27.85	0	181.19	
05/12/2024 22:25	10.12	0	99.98	15.34	11.05	0	68.97	15.59	25.31	0	249.76	28.94	0	180.68	
05/12/2024 22:30	9.52	0	100.23	15.34	10.97	0	69.78	15.59	23.78	0	250.46	28.71	0	182.63	
05/12/2024 22:35	10.22	0	100.22	15.33	10.8	0	70.57	15.54	25.48	0	249.95	28.02	0	182.94	
05/12/2024 22:40	10.49	0	98.87	15.34	11	0	68.75	15.6	26.24	0	247.15	28.84	0	180.2	
05/12/2024 22:45	9.46	0	100.4	15.33	11.02	0	68.81	15.6	23.61	0	250.58	28.86	0	180.31	
05/12/2024 22:50	9.88	0	100.39	15.32	10.7	0	70.03	15.53	24.6	0	249.99	27.69	0	181.13	
05/12/2024 22:55	10.11	0	99.04	15.33	10.9	0	68.59	15.57	25.23	0	247.03	28.43	0		



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/12/2024 00:00	9.59	0	100.37	15.34	11.39	0	68.55	15.61	23.97	0	250.97	29.91	0	179.99	
06/12/2024 00:05	9.48	0	100.7	15.32	10.78	0	69.61	15.55	23.63	0	251.04	28.02	0	180.71	
06/12/2024 00:10	9.73	0	99.56	15.34	11.12	0	67.26	15.6	24.32	0	248.7	29.17	0	176.45	
06/12/2024 00:15	9.26	0	100.28	15.34	11.72	0	67.72	15.6	23.13	0	250.66	30.72	0	177.5	
06/12/2024 00:20	10.21	0	100.33	15.33	11.02	0	69.33	15.55	25.5	0	250.49	28.63	0	180.02	
06/12/2024 00:25	10.55	0	98.97	15.35	10.89	0	68.52	15.59	26.4	0	247.6	28.47	0	179.23	
06/12/2024 00:30	9.39	0	99.04	15.34	11.17	0	69.17	15.58	23.47	0	247.6	29.2	0	180.77	
06/12/2024 00:35	9.87	0	99.07	15.32	10.82	0	70.2	15.52	24.62	0	246.96	27.96	0	181.12	
06/12/2024 00:40	9.52	0	98.51	15.33	11.1	0	67.8	15.56	23.77	0	245.74	28.88	0	176.37	
06/12/2024 00:45	9.71	0	99.72	15.34	11.08	0	68.08	15.55	24.28	0	249.22	28.78	0	176.88	
06/12/2024 00:50	10.19	0	100.3	15.33	10.93	0	68.91	15.52	25.41	0	250.1	28.25	0	177.92	
06/12/2024 00:55	10.44	0	99.51	15.34	11.14	0	68	15.56	26.11	0	248.61	29	0	177.08	
06/12/2024 01:00	9.03	0	100.28	15.33	11.13	0	68.16	15.56	22.54	0	250.33	28.98	0	177.55	
06/12/2024 01:05	9.99	0	101.13	15.32	10.76	0	69.01	15.51	24.88	0	251.92	27.76	0	177.98	
06/12/2024 01:10	9.96	0	99.83	15.33	10.93	0	68.35	15.54	24.87	0	249.05	28.35	0	177.32	
06/12/2024 01:15	9.5	0	100.17	15.33	10.91	0	68.33	15.55	23.7	0	249.99	28.31	0	177.37	
06/12/2024 01:20	10.11	0	100.73	15.32	10.64	0	69.67	15.5	25.2	0	251.04	27.41	0	179.33	
06/12/2024 01:25	10.25	0	99.54	15.33	11.02	0	68.54	15.54	25.61	0	248.51	28.57	0	177.77	
06/12/2024 01:30	9.55	0	100.16	15.33	11.05	0	68.33	15.54	23.84	0	250.1	28.67	0	177.32	
06/12/2024 01:35	9.81	0	99.18	15.32	10.79	0	68.87	15.5	24.45	0	247.21	27.78	0	177.19	
06/12/2024 01:40	9.75	0	97.37	15.33	11.17	0	66.87	15.56	24.35	0	242.95	29.06	0	174	
06/12/2024 01:45	9.57	0	99.21	15.34	11.33	0	66.67	15.56	23.9	0	247.87	29.49	0	173.58	
06/12/2024 01:50	9.8	0	99.7	15.33	10.97	0	68.96	15.52	24.46	0	248.77	28.32	0	178.02	
06/12/2024 01:55	9.68	0	98.71	15.34	11.06	0	67.65	15.56	24.21	0	246.65	28.79	0	176.19	
06/12/2024 02:00	9.48	0	100.11	15.33	10.89	0	67.63	15.56	23.66	0	249.93	28.37	0	176.16	
06/12/2024 02:05	9.89	0	100.24	15.32	10.73	0	69.09	15.51	24.64	0	249.86	27.69	0	178.19	
06/12/2024 02:10	10.29	0	98.9	15.34	10.97	0	67.6	15.56	25.73	0	247.08	28.54	0	175.9	
06/12/2024 02:15	9.08	0	99.99	15.33	11.17	0	67.75	15.56	22.66	0	249.67	29.06	0	176.23	
06/12/2024 02:20	10.01	0	99.88	15.33	10.72	0	69.35	15.52	24.97	0	249.1	27.7	0	179.06	
06/12/2024 02:25	9.85	0	98.48	15.34	11.01	0	67.45	15.55	24.62	0	245.92	28.61	0	175.34	
06/12/2024 02:30	9.39	0	100.05	15.34	11.08	0	67.31	15.55	23.48	0	250.28	28.79	0	174.94	
06/12/2024 02:35	9.84	0	100.33	15.33	10.76	0	67.85	15.51	24.55	0	250.28	27.78	0	175.11	
06/12/2024 02:40	9.82	0	99.85	15.34	10.93	0	67.35	15.55	24.54	0	249.42	28.38	0	174.83	
06/12/2024 02:45	9.4	0	99.35	15.33	10.8	0	67.2	15.55	23.44	0	247.73	28.06	0	174.65	
06/12/2024 02:50	9.68	0	99.42	15.31	10.59	0	69	15.5	24.09	0	247.32	27.25	0	177.46	
06/12/2024 02:55	9.89	0	98.2	15.32	10.99	0	67.68	15.54	24.66	0	244.73	28.49	0	175.43	
06/12/2024 03:00	9.58	0	99.43	15.32	11.2	0	67.5	15.53	23.88	0	247.78	29.02	0	174.86	
06/12/2024 03:05	10.38	0	99.29	15.32	10.82	0	67.79	15.5	25.84	0	247.13	27.88	0	174.58	
06/12/2024 03:10	10.37	0	98.06	15.33	10.97	0	67.19	15.55	25.88	0	244.54	28.53	0	174.72	
06/12/2024 03:15	9.43	0	99.26	15.33	11.25	0	67.69	15.56	23.51	0	247.52	29.26	0	176.07	
06/12/2024 03:20	10.2	0	99.38	15.31	10.72	0	69.34	15.5	25.37	0	247.26	27.62	0	178.35	
06/12/2024 03:25	10.1	0	97.33	15.32	11.03	0	67.33	15.55	25.17	0	242.35	28.65	0	174.91	
06/12/2024 03:30	9.54	0	99.13	15.33	11.25	0	67	15.55	23.8	0	247.36	29.23	0	174.07	
06/12/2024 03:35	9.82	0	99.11	15.32	10.74	0	68.03	15.51	24.44	0	246.77	27.72	0	175.43	
06/12/2024 03:40	9.78	0	97.47	15.33	10.93	0	67.99	15.56	24.4	0	243.11	28.45	0	176.91	
06/12/2024 03:45	9.53	0	99.6	15.34	10.8	0	68.61	15.56	23.83	0	249.03	28.09	0	178.52	
06/12/2024 03:50	9.76	0	98.6	15.33	10.49	0	70.34	15.51	24.36	0	246.12	27.08	0	181.38	
06/12/2024 03:55	9.55	0	96.82	15.34	10.79	0	69.77	15.56	23.88	0	242	28.07	0	181.5	
06/12/2024 04:00	9.48	0	100.53	15.34	10.8	0	69.61	15.56	23.7	0	251.19	28.1	0	181.17	
06/12/2024 04:05	9.76	0	101.18	15.33	10.51	0	70.89	15.52	24.36	0	252.45	27.15	0	182.93	
06/12/2024 04:10	9.66	0	100.07	15.34	10.91	0	68.78	15.56	24.15	0	250.06	28.43	0	179.15	
06/12/2024 04:15	9.56	0	100.38	15.33	10.98	0	69.31	15.56	23.88	0	250.67	28.6	0	180.45	
06/12/2024 04:20	10.19	0	101.2	15.32	10.56	0	71.04	15.51	25.39	0	252.17	27.22	0	182.99	
06/12/2024 04:25	10.3	0	100.06	15.34	10.8	0	70	15.55	25.75	0	249.95	28.04	0	181.77	
06/12/2024 04:30	9.36	0	100.84	15.33	10.78	0	70.28	15.55	23.35	0	251.58	28.01	0	182.6	
06/12/2024 04:35	9.84	0	100.92	15.32	10.52	0	71.23	15.51	24.5	0	251.22	27.12	0	183.59	
06/12/2024 04:40	9.96	0	99.41	15.33	10.86	0	69.31	15.56	24.87	0	247.9	28.3	0	180.59	
06/12/2024 04:45	9.55	0	100.57	15.33	10.91	0	69.08	15.57	23.82	0	250.93	28.44	0	180.11	
06/12/2024 04:50	9.96	0	100.32	15.32	10.51	0	70.62	15.51	24.8	0	249.76	27.14	0	182.2	
06/12/2024 04:55	10.18	0	98.05	15.33	10.9	0	69.59	15.55	25.41	0	244.53	28.33	0	180.89	
06/12/2024 05:00	9.6	0	100.52	15.32	10.77	0	69.61	15.56	23.92	0	250.36	28.04	0	181.28	
06/12/2024 05:05	10.07	0	100.6	15.31	10.51	0	71.01	15.51	25.02	0	249.99	27.09	0	182.89	
06/12/2024 05:10	10.11	0	99.29	15.32	10.77	0	69.81	15.55	25.2	0	247.3	27.98	0	181.38	
06/12/2024 05:15	9.62	0	100.52	15.33	10.95	0	70.42	15.55	24	0	250.68	28.45	0	182.91	
06/12/2024 05:20	10.28	0	99.94	15.32	10.65	0	71.06	15.5	25.61	0	248.88	27.43	0	182.97	
06/12/2024 05:25	10.39	0	98.67	15.33	10.76	0	70.3	15.54	25.93	0	246.15	27.89	0	182.33	
06/12/2024 05:30	9.6	0	100.29	15.33	10.83	0	70.7	15.55	23.95	0	250.27	28.13	0	183.7	
06/12/2024 05:35	10.02	0	99.68	15.32	10.48	0	71.39	15.49	24.98	0	248.38	26.94	0	183.44	
06/12/2024 05:40	9.99	0	98.45	15.33	10.78	0	70.08	15.53	24.94	0	245.57	27.89	0	181.41	
06/12/2024 05:45	9.53	0	99.98	15.33	10.7	0	70.16	15.54	23.79	0	249.44	27.74	0	181.8	
06/12/2024 05:50	10.06	0	100.77	15.32	10.48	0	71.41	15.49	25.03	0	250.85	26.92	0	183.25	
06/12/2024 05:55	10.25	0	99.32	15.32	10.82	0	69.92	15.53	25.56	0	247.51	28	0	180.95	
06/12/2024 06:00	9.67	0	100.18	15.32	10.84	0	70.27	15.53	24.11	0	249.77	28.09	0	182.03	
06/12/2024 06:05	10.41	0	100.31	15.32	10.59	0	71.17	15.49	25.92	0	249.83	27.19	0	182.7	
06/12/2024 06:10	10.56	0	98.86	15.33	10.77	0	69.91	15.52	26.35	0	246.66	27.84	0	180.68	
06/12/2024 06:15	9.44	0	100.57	15.33	10.64	0	69.56	15.53	23.54	0	250.84	27.52	0	179.89	
06/12/2024 06:20	10.05	0	99.91	15.32	10.46	0	71.08	15.48	25.02	0	248.72	26.85	0	182.31	
06/12/2024 06:25	10.22	0	98.29	15.33	10.94	0	70.27	15.53	25.49	0	245.11	28.3	0	181.78	
06/12/2024 06:30	9.42	0	100.33	15.33											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/12/2024 07:30	9.94	0	98.77	15.33	10.91	0	69.25	15.52	24.79	0	246.33	28.2	0	179.03	
06/12/2024 07:35	10.45	0	99.54	15.32	10.62	0	70.82	15.49	26.01	0	247.89	27.27	0	181.82	
06/12/2024 07:40	10.51	0	98.4	15.33	10.92	0	69.16	15.53	26.22	0	245.39	28.27	0	179.08	
06/12/2024 07:45	9.9	0	97.64	15.32	11.05	0	67.67	15.53	24.64	0	243.05	28.59	0	175.16	
06/12/2024 07:50	10.67	0	97.48	15.3	10.75	0	69.15	15.49	26.5	0	242.13	27.63	0	177.53	
06/12/2024 07:55	10.71	0	95.6	15.32	11	0	68.09	15.53	26.69	0	238.02	28.48	0	176.28	
06/12/2024 08:00	9.98	0	98.29	15.31	10.98	0	68.03	15.53	24.83	0	244.56	28.41	0	175.98	
06/12/2024 08:05	10.32	0	98.42	15.31	10.81	0	68.97	15.5	25.64	0	244.53	27.82	0	177.37	
06/12/2024 08:10	10.68	0	97.1	15.32	11.13	0	68.04	15.56	26.61	0	241.81	28.98	0	177.22	
06/12/2024 08:15	9.5	0	98.72	15.32	11.03	0	69.36	15.57	23.68	0	246.11	28.79	0	181	
06/12/2024 08:20	9.86	0	99.18	15.31	10.7	0	69.86	15.51	24.54	0	246.74	27.61	0	180.12	
06/12/2024 08:25	9.76	0	98.26	15.32	11.04	0	67.62	15.57	24.34	0	244.82	28.8	0	176.49	
06/12/2024 08:30	9.59	0	98.42	15.33	11.03	0	67.8	15.57	23.92	0	245.52	28.78	0	176.87	
06/12/2024 08:35	10.3	0	98.46	15.32	10.72	0	69.07	15.52	25.64	0	245.21	27.72	0	178.42	
06/12/2024 08:40	10.2	0	97.21	15.33	11.03	0	67.89	15.57	25.44	0	242.35	28.77	0	177.1	
06/12/2024 08:45	9.83	0	97.87	15.33	10.98	0	68.41	15.58	24.54	0	244.35	28.71	0	178.83	
06/12/2024 08:50	9.74	0	99.45	15.32	10.73	0	68.38	15.54	24.27	0	247.73	27.81	0	177.19	
06/12/2024 08:55	9.78	0	98.63	15.33	10.87	0	67.58	15.58	24.43	0	246.2	28.42	0	176.72	
06/12/2024 09:00	9.63	0	98.76	15.33	11.16	0	66.95	15.58	24.03	0	246.5	29.12	0	174.77	
06/12/2024 09:05	10.24	0	97.92	15.32	10.84	0	68.2	15.53	25.51	0	243.79	28.05	0	176.39	
06/12/2024 09:10	10.27	0	96.02	15.33	11.23	0	65.89	15.59	25.62	0	239.44	29.38	0	172.45	
06/12/2024 09:15	9.7	0	96.51	15.33	11.52	0	65.48	15.59	24.22	0	240.85	30.12	0	171.29	
06/12/2024 09:20	10.31	0	96.42	15.32	11.04	0	67.27	15.52	25.68	0	240.22	28.56	0	173.78	
06/12/2024 09:25	10.28	0	95.3	15.33	11.13	0	67.17	15.57	25.67	0	237.87	29.03	0	175.25	
06/12/2024 09:30	9.46	0	97.89	15.33	11.56	0	67.98	15.57	23.62	0	244.39	30.16	0	177.31	
06/12/2024 09:35	10.16	0	97.61	15.32	10.9	0	69.24	15.52	25.32	0	243.28	28.18	0	178.82	
06/12/2024 09:40	10.26	0	95.91	15.34	10.98	0	67.88	15.58	25.65	0	239.59	28.69	0	177.42	
06/12/2024 09:45	9.91	0	96.73	15.34	10.8	0	68.81	15.58	24.78	0	241.73	28.18	0	179.62	
06/12/2024 09:50	10.47	0	96.8	15.33	10.65	0	69.55	15.53	26.12	0	241.43	27.59	0	179.99	
06/12/2024 09:55	10.56	0	95.21	15.34	11.08	0	67.52	15.59	26.41	0	237.97	28.99	0	176.7	
06/12/2024 10:00	9.4	0	97.75	15.33	11.14	0	67.91	15.58	23.47	0	244	29.1	0	177.36	
06/12/2024 10:05	10.25	0	98.22	15.32	10.67	0	68.13	15.53	25.55	0	244.88	27.63	0	176.41	
06/12/2024 10:10	10.26	0	96.65	15.34	11.01	0	67.74	15.58	25.67	0	241.57	28.78	0	177.11	
06/12/2024 10:15	9.53	0	98.47	15.33	11.14	0	68.3	15.58	23.8	0	245.93	29.09	0	178.33	
06/12/2024 10:20	9.9	0	99.17	15.32	10.7	0	69.38	15.54	24.67	0	247.07	27.75	0	179.74	
06/12/2024 10:25	10.14	0	96.88	15.33	10.87	0	67.79	15.59	25.33	0	241.83	28.48	0	177.6	
06/12/2024 10:30	9.58	0	98.02	15.33	11.05	0	67.97	15.59	23.9	0	244.41	28.91	0	177.89	
06/12/2024 10:35	10.45	0	98.16	15.32	10.69	0	68.86	15.54	26.02	0	244.37	27.73	0	178.49	
06/12/2024 10:40	10.76	0	95.81	15.33	10.87	0	67.08	15.61	26.86	0	239	28.55	0	176.28	
06/12/2024 10:45	9.5	0	99.02	15.32	10.89	0	66.94	15.59	23.64	0	246.51	28.53	0	175.35	
06/12/2024 10:50	9.7	0	98.43	15.3	10.58	0	69.01	15.53	24.1	0	244.53	27.41	0	178.67	
06/12/2024 10:55	9.88	0	96.52	15.32	10.94	0	67.96	15.58	24.65	0	240.5	28.57	0	177.43	
06/12/2024 11:00	9.61	0	98.98	15.32	11.39	0	67.73	15.57	23.95	0	246.56	29.72	0	176.76	
06/12/2024 11:05	10.5	0	99.08	15.31	10.88	0	68.93	15.51	26.12	0	246.4	28.09	0	177.8	
06/12/2024 11:10	10.83	0	97.66	15.32	10.93	0	67.5	15.56	26.99	0	243.37	28.45	0	175.73	
06/12/2024 11:15	9.23	0	98.59	15.31	10.75	0	67.59	15.55	22.94	0	244.94	27.95	0	175.77	
06/12/2024 11:20	10.18	0	98.66	15.3	10.63	0	69.29	15.52	25.28	0	244.93	27.47	0	179.09	
06/12/2024 11:25	10.45	0	97.32	15.32	11.03	0	66.99	15.57	26.03	0	242.22	28.79	0	174.83	
06/12/2024 11:30	9.63	0	99.27	15.31	11.05	0	67.95	15.57	23.93	0	246.71	28.81	0	177.22	
06/12/2024 11:35	10.06	0	99.02	15.3	10.68	0	68.68	15.51	24.96	0	245.58	27.56	0	177.05	
06/12/2024 11:40	10.37	0	97.75	15.31	11.01	0	66.38	15.56	25.81	0	242.99	28.67	0	172.86	
06/12/2024 11:45	9.78	0	98.07	15.29	11.11	0	66.88	15.54	24.26	0	243.19	28.83	0	173.55	
06/12/2024 11:50	10.21	0	98.78	15.28	10.67	0	68.34	15.51	25.26	0	244.44	27.52	0	175.98	
06/12/2024 11:55	10.21	0	97.69	15.29	11	0	66.64	15.57	25.32	0	242.09	28.69	0	173.72	
06/12/2024 12:00	9.43	0	98.4	15.29	11.28	0	66.81	15.55	23.37	0	243.94	29.31	0	173.59	
06/12/2024 12:05	10.57	0	98.38	15.28	10.79	0	68.06	15.51	26.16	0	243.45	27.84	0	175.55	
06/12/2024 12:10	10.95	0	96.92	15.3	11.07	0	65.87	15.6	27.21	0	240.6	29.02	0	172.63	
06/12/2024 12:15	9.52	0	98.2	15.29	11.38	0	65.58	15.58	23.57	0	243.21	29.7	0	171.23	
06/12/2024 12:20	10.54	0	97.6	15.28	10.98	0	66.8	15.54	26.06	0	241.34	28.45	0	173	
06/12/2024 12:25	10.74	0	96.45	15.29	11.22	0	65.04	15.63	26.64	0	239.07	29.61	0	171.57	
06/12/2024 12:30	9.61	0	97.72	15.29	11.5	0	64.88	15.61	23.8	0	242.01	30.23	0	170.55	
06/12/2024 12:35	10.56	0	97.51	15.28	11.04	0	66.44	15.57	26.1	0	241.1	28.8	0	173.05	
06/12/2024 12:40	10.74	0	95.94	15.3	11.14	0	64.86	15.64	26.64	0	237.81	29.42	0	171.27	
06/12/2024 12:45	9.78	0	97.85	15.28	11.17	0	66.22	15.63	24.2	0	242.14	29.44	0	174.49	
06/12/2024 12:50	10.27	0	97.9	15.27	10.81	0	66.4	15.56	25.35	0	241.71	28.15	0	172.81	
06/12/2024 12:55	10.53	0	96.5	15.29	11.17	0	64.88	15.64	26.09	0	238.81	29.51	0	171.38	
06/12/2024 13:00	9.55	0	97.43	15.29	11.53	0	65.03	15.61	23.65	0	241.34	30.3	0	170.91	
06/12/2024 13:05	9.83	0	98.9	15.28	10.93	0	66.39	15.57	24.31	0	244.58	28.51	0	172.9	
06/12/2024 13:10	9.81	0	98.27	15.31	11.09	0	64.46	15.68	24.41	0	243.98	29.51	0	171.49	
06/12/2024 13:15	9.46	0	96.99	15.29	11	0	64.47	15.68	23.45	0	240.36	29.28	0	171.61	
06/12/2024 13:20	9.97	0	98.4	15.28	10.76	0	65.75	15.63	24.65	0	243.22	28.39	0	173.26	
06/12/2024 13:25	9.97	0	97.4	15.3	10.88	0	63.6	15.81	24.77	0	241.64	29.73	0	173.75	
06/12/2024 13:30	9.14	0	98.48	15.29	10.83	0	64.91	15.8	22.65	0	243.89	29.52	0	176.96	
06/12/2024 13:35	10	0	98.86	15.28	10.52	0	64.88	15.72	24.72	0	244.4	28.23	0	173.96	
06/12/2024 13:40	10.1	0	97.42	15.3	10.67	0	63.08	15.87	25.06	0	241.59	29.5	0	174.41	
06/12/2024 13:45	9.16	0	99.31	15.29	10.59	0	64.38	15.85	22.68	0	246	29.15	0	177.14	
06/12/2024 13:50	9.86	0	98.86	15.28	10.5	0	66.67	15.68	24.36	0	244.32	27.99	0	177.73	
06/12/2024 13:55	9.98	0	97.5	15.3	10.82	0	65.24	15.72	24.77	0	241.64	29	0	174.92	
06/12/2024 14:00	9.28	0	98.35	15.29	11.19	0	66.27								



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
06/12/2024 15:00	9.43	0	97.62	15.3	10.47	0	59.81	16.12	23.41	0	242.2	30.45	0	174	
06/12/2024 15:05	9.6	0	97.21	15.29	10.33	0	63.4	15.86	23.78	0	240.76	28.56	0	174.45	
06/12/2024 15:10	9.57	0	95.21	15.33	10.43	0	59.22	16.1	23.94	0	237.46	30.22	0	171.37	
06/12/2024 15:15	9.37	0	97.46	15.3	10.53	0	59.56	16.09	23.26	0	241.97	30.45	0	172.2	
06/12/2024 15:20	10.02	0	97.63	15.29	10.32	0	61.33	15.97	24.83	0	241.85	29.16	0	172.76	
06/12/2024 15:25	10.11	0	94.87	15.34	10.03	0	54.36	16.54	25.31	0	236.81	32.01	0	173.36	
06/12/2024 15:30	9.19	0	97.88	15.31	9.88	0	54.02	16.6	22.83	0	243.22	31.9	0	174.48	
06/12/2024 15:35	9.6	0	98.01	15.29	10.09	0	59.76	16.12	23.77	0	242.79	29.47	0	173.42	
06/12/2024 15:40	9.56	0	95.82	15.36	10.46	0	57.28	16.24	24.07	0	239.83	31.21	0	170.84	
06/12/2024 15:45	9.37	0	97.33	15.3	10.36	0	57.63	16.24	23.25	0	241.49	30.93	0	172.02	
06/12/2024 15:50	9.82	0	97.74	15.28	10.29	0	62.24	15.97	24.28	0	241.82	29.08	0	175.56	
06/12/2024 15:55	9.82	0	96	15.32	10.42	0	58.16	16.19	24.52	0	238.95	30.74	0	171.52	
06/12/2024 16:00	9.34	0	96.8	15.3	10.63	0	57.63	16.22	23.19	0	240.2	31.53	0	170.99	
06/12/2024 16:05	10.05	0	98.25	15.28	10.4	0	61.19	15.97	24.87	0	243.18	29.41	0	172.17	
06/12/2024 16:10	10.17	0	96.48	15.35	10.47	0	57.38	16.24	25.53	0	241.05	31.28	0	171.34	
06/12/2024 16:15	9.36	0	97.46	15.3	10.66	0	57.08	16.28	23.21	0	241.71	32.08	0	171.83	
06/12/2024 16:20	9.82	0	98.14	15.28	10.2	0	61.18	16	24.31	0	242.9	29.07	0	173.33	
06/12/2024 16:25	9.91	0	97.27	15.33	10.04	0	56.29	16.37	24.75	0	242.39	30.85	0	172.9	
06/12/2024 16:30	9.37	0	97.67	15.31	9.95	0	56.41	16.38	23.3	0	242.76	30.57	0	173.27	
06/12/2024 16:35	10.07	0	97.94	15.3	10.08	0	60.48	16.09	24.98	0	242.95	29.18	0	174.39	
06/12/2024 16:40	10.19	0	95.88	15.36	10.04	0	55.72	16.41	25.61	0	239.98	31.14	0	172.71	
06/12/2024 16:45	9.41	0	97.46	15.31	10.27	0	55.14	16.48	23.4	0	242.52	32.32	0	173.58	
06/12/2024 16:50	9.85	0	98.71	15.3	10.22	0	60.99	16.06	24.46	0	245.15	29.54	0	174.88	
06/12/2024 16:55	9.9	0	97.13	15.34	10.45	0	58.09	16.25	24.78	0	242.92	31.28	0	173.76	
06/12/2024 17:00	9.26	0	98.05	15.32	10.38	0	57.42	16.31	23.05	0	244.11	31.43	0	173.93	
06/12/2024 17:05	9.72	0	97.09	15.31	10.07	0	60.79	16.07	24.15	0	241.27	29.11	0	174.92	
06/12/2024 17:10	9.73	0	94.97	15.36	9.89	0	55.57	16.5	24.48	0	238.06	31.3	0	175.7	
06/12/2024 17:15	9.29	0	98.16	15.32	9.84	0	54.67	16.59	23.16	0	244.68	31.77	0	176.47	
06/12/2024 17:20	9.63	0	98.48	15.31	9.92	0	60.81	16.15	23.94	0	244.78	29.2	0	177.4	
06/12/2024 17:25	9.53	0	96.72	15.35	9.83	0	54.89	16.55	23.88	0	242.24	31.48	0	175.65	
06/12/2024 17:30	9.24	0	98.86	15.33	9.77	0	53.13	16.74	23.03	0	246.48	32.64	0	177.54	
06/12/2024 17:35	9.66	0	98.98	15.31	9.98	0	60.53	16.17	24.02	0	246.14	29.6	0	177.55	
06/12/2024 17:40	9.71	0	96.56	15.4	10.01	0	56.41	16.45	24.61	0	243.31	31.28	0	176.07	
06/12/2024 17:45	9.21	0	98.69	15.34	9.86	0	54.36	16.64	23.01	0	246.56	32.15	0	177.27	
06/12/2024 17:50	10.03	0	99.39	15.32	10.32	0	64.27	15.89	24.98	0	247.51	28.98	0	178.29	
06/12/2024 17:55	10.3	0	98.45	15.32	11.19	0	67.89	15.46	25.67	0	245.32	28.61	0	173.61	
06/12/2024 18:00	9.31	0	98.81	15.33	11.52	0	67.56	15.48	23.23	0	246.6	29.51	0	173.16	
06/12/2024 18:05	9.92	0	99.04	15.32	10.75	0	67.83	15.57	24.72	0	246.78	28.03	0	176.89	
06/12/2024 18:10	10.02	0	97.1	15.35	10.4	0	61.74	16.04	25.09	0	242.94	29.75	0	176.5	
06/12/2024 18:15	9.57	0	98.02	15.33	10.25	0	60.94	16.13	23.9	0	244.79	29.84	0	177.39	
06/12/2024 18:20	10.09	0	98.95	15.32	10.15	0	63.91	15.91	25.12	0	246.44	28.34	0	177.83	
06/12/2024 18:25	9.93	0	96.86	15.38	10.28	0	59.76	16.18	25.1	0	243.52	30.29	0	176.01	
06/12/2024 18:30	9.74	0	97.52	15.33	10.58	0	59.48	16.23	24.3	0	243.24	31.5	0	177.16	
06/12/2024 18:35	9.84	0	99.61	15.31	10.4	0	64.33	15.88	24.48	0	247.74	28.94	0	178	
06/12/2024 18:40	9.93	0	98.71	15.33	10.53	0	62.6	15.96	24.81	0	246.47	29.6	0	176.01	
06/12/2024 18:45	9.6	0	98.89	15.32	10.41	0	63.05	16.02	23.91	0	246.4	29.62	0	179.48	
06/12/2024 18:50	10.68	0	98.65	15.32	10.38	0	66.72	15.8	26.59	0	245.56	28.34	0	181.97	
06/12/2024 18:55	10.99	0	96.79	15.35	10.49	0	63.25	15.9	27.54	0	242.24	29.17	0	175.76	
06/12/2024 19:00	9.44	0	99.08	15.32	10.28	0	63.33	15.94	23.52	0	246.92	28.82	0	177.49	
06/12/2024 19:05	10.09	0	99.08	15.32	10.27	0	66.54	15.77	25.12	0	246.7	27.83	0	180.26	
06/12/2024 19:10	9.88	0	96.78	15.33	10.69	0	64.8	15.82	24.69	0	241.61	29.22	0	177.15	
06/12/2024 19:15	9.3	0	99.37	15.33	10.67	0	65.56	15.85	23.23	0	248.17	29.36	0	180.4	
06/12/2024 19:20	9.98	0	98.5	15.32	10.55	0	66.09	15.72	24.88	0	245.52	28.33	0	177.39	
06/12/2024 19:25	10.29	0	96.81	15.35	10.9	0	64.58	15.8	25.78	0	242.31	29.72	0	176.15	
06/12/2024 19:30	9.59	0	99.22	15.34	11.05	0	64.94	15.81	23.96	0	247.87	30.15	0	177.26	
06/12/2024 19:35	10.62	0	99.44	15.33	10.61	0	67.44	15.69	26.5	0	248.23	28.32	0	179.78	
06/12/2024 19:40	10.86	0	98.41	15.35	10.73	0	64.86	15.81	27.23	0	246.43	29.28	0	176.98	
06/12/2024 19:45	9.41	0	99.82	15.33	10.41	0	65.45	15.84	23.48	0	249.15	28.57	0	179.71	
06/12/2024 19:50	10.66	0	98.46	15.32	10.41	0	67.47	15.71	26.55	0	245.34	27.88	0	180.5	
06/12/2024 19:55	10.79	0	96.11	15.35	10.87	0	63.46	15.87	27.07	0	240.65	30.07	0	175.52	
06/12/2024 20:00	9.48	0	97.67	15.33	11.23	0	62.48	15.9	23.68	0	243.91	31.2	0	173.54	
06/12/2024 20:05	10.59	0	99.14	15.33	10.78	0	65.79	15.75	26.42	0	247.31	29.14	0	177.39	
06/12/2024 20:10	10.58	0	97.41	15.37	10.71	0	64.22	15.91	26.62	0	244.7	29.86	0	178.97	
06/12/2024 20:15	9.12	0	99.47	15.33	10.59	0	62.91	15.95	22.77	0	248.32	29.72	0	176.48	
06/12/2024 20:20	10.35	0	99.18	15.32	10.47	0	66.94	15.74	25.79	0	247.23	28.24	0	179.99	
06/12/2024 20:25	10.24	0	97.08	15.36	10.7	0	65.63	15.82	25.71	0	243.22	29.27	0	179.47	
06/12/2024 20:30	9.34	0	99.45	15.33	10.88	0	65.77	15.85	23.32	0	248.32	29.92	0	180.96	
06/12/2024 20:35	10.02	0	100.13	15.32	10.68	0	68.87	15.67	24.99	0	249.66	28.46	0	183.02	
06/12/2024 20:40	10.16	0	98.4	15.34	10.8	0	67.96	15.7	25.4	0	245.98	28.89	0	181.83	
06/12/2024 20:45	9.7	0	99.1	15.33	10.89	0	68.58	15.72	24.21	0	247.46	29.21	0	183.92	
06/12/2024 20:50	10.6	0	99.34	15.32	10.77	0	68.49	15.64	26.41	0	247.52	28.45	0	180.78	
06/12/2024 20:55	10.7	0	97.86	15.35	10.98	0	65.48	15.73	26.79	0	244.71	29.54	0	176.21	
06/12/2024 21:00	9.51	0	98.99	15.33	10.75	0	66.17	15.75	23.75	0	247.15	29.03	0	178.71	
06/12/2024 21:05	10.49	0	99.9	15.33	10.64	0	67.48	15.66	26.15	0	249.12	28.24	0	179.09	
06/12/2024 21:10	10.64	0	99.12	15.35	10.73	0	67.63	15.75	26.64	0	248.06	28.97	0	182.49	
06/12/2024 21:15	9.59	0	99.81	15.34	10.36	0	68.41	15.74	23.95	0	249.4	27.88	0	184.13	
06/12/2024 21:20	9.58	0	99.07	15.32	10.44	0	68.44	15.66	23.88	0	246.9	27.72	0	181.56	
06/12/2024 21:25	9.62	0	97.19	15.34	10.84	0	65.63	15.78	24.06	0	242.87	29.41	0	178.12	
06/12/2024 21:30	9.68	0	98.95	15.34	10.91	0	66.								



Date & Time	Stack1_NO <sub>2</sub>	Stack1_SO <sub>2</sub>	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO <sub>2</sub>	Stack2_SO <sub>2</sub>	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO <sub>x</sub>	ck1_SO <sub>2</sub>	ck1_CO	ck2_NO <sub>x</sub>	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
06/12/2024 22:30	9.42	0	98.56	15.33	11.27	0	67.45	15.66	23.5	0	245.94	29.86	0	178.8	
06/12/2024 22:35	10.22	0	98.6	15.32	10.95	0	68.84	15.59	25.48	0	245.82	28.7	0	180.23	
06/12/2024 22:40	10.06	0	97.08	15.33	11.2	0	67.27	15.63	25.12	0	242.37	29.52	0	177.26	
06/12/2024 22:45	9.49	0	98.44	15.33	11.14	0	68.5	15.61	23.67	0	245.49	29.26	0	179.92	
06/12/2024 22:50	10.65	0	99.22	15.32	10.94	0	69.38	15.56	26.53	0	247.22	28.45	0	180.34	
06/12/2024 22:55	11.04	0	98.82	15.33	11.19	0	67.51	15.6	27.58	0	246.7	29.36	0	177.17	
06/12/2024 23:00	9.95	0	98.24	15.34	11.53	0	66.78	15.58	24.87	0	245.51	30.15	0	174.63	
06/12/2024 23:05	10.29	0	98.73	15.33	10.96	0	68.56	15.56	25.65	0	246.17	28.53	0	178.34	
06/12/2024 23:10	10.25	0	97.23	15.34	11.18	0	66.84	15.63	25.63	0	242.96	29.48	0	176.32	
06/12/2024 23:15	9.88	0	98.64	15.33	11.08	0	67.67	15.61	24.67	0	246.2	29.11	0	177.79	
06/12/2024 23:20	10.35	0	98.83	15.32	10.84	0	67.85	15.57	25.76	0	245.98	28.26	0	176.77	
06/12/2024 23:25	10.4	0	97.59	15.33	11.05	0	66.69	15.65	25.99	0	243.53	29.26	0	176.62	
06/12/2024 23:30	9.45	0	99.16	15.32	11.06	0	66.94	15.64	23.56	0	247.18	29.21	0	176.75	
06/12/2024 23:35	10.48	0	97.9	15.31	11.05	0	66.68	15.59	26.09	0	243.66	28.92	0	174.41	
06/12/2024 23:40	10.72	0	96.72	15.33	11.3	0	63.71	15.68	26.77	0	241.29	30.13	0	169.82	
06/12/2024 23:45	9.69	0	99.17	15.33	11.33	0	65.16	15.67	24.17	0	247.45	30.13	0	173.28	
06/12/2024 23:50	10.53	0	99.15	15.32	10.83	0	66.99	15.63	26.24	0	247.09	28.6	0	176.67	
06/12/2024 23:55	10.67	0	97.66	15.34	10.89	0	64.96	15.72	26.69	0	244.18	29.22	0	174.36	
07/12/2024 00:00	9.77	0	98.92	15.33	10.94	0	65.66	15.71	24.39	0	246.96	29.3	0	175.87	
07/12/2024 00:05	9.8	0	98.69	15.32	10.72	0	66.77	15.65	24.39	0	245.66	28.38	0	176.5	
07/12/2024 00:10	9.96	0	97.1	15.34	10.96	0	64.52	15.74	24.95	0	242.76	29.5	0	173.75	
07/12/2024 00:15	9.65	0	99.27	15.34	11.28	0	64.91	15.72	24.1	0	247.97	30.27	0	174.18	
07/12/2024 00:20	9.77	0	99.07	15.32	10.67	0	67.12	15.65	24.35	0	246.94	28.28	0	177.72	
07/12/2024 00:25	9.6	0	96.83	15.34	10.79	0	65.66	15.72	24.01	0	241.84	28.93	0	176.04	
07/12/2024 00:30	9.61	0	99.89	15.34	10.84	0	65.52	15.7	24.01	0	249.56	28.99	0	175.18	
07/12/2024 00:35	10.23	0	100.42	15.32	10.56	0	67.99	15.61	25.5	0	250.29	27.77	0	178.43	
07/12/2024 00:40	10.3	0	99.07	15.34	10.79	0	66.65	15.65	25.75	0	247.37	28.57	0	176.43	
07/12/2024 00:45	9.51	0	100.27	15.34	10.86	0	66.25	15.62	23.77	0	250.49	28.6	0	174.47	
07/12/2024 00:50	10.03	0	100.4	15.32	10.54	0	67.87	15.58	24.99	0	250.31	27.55	0	177.17	
07/12/2024 00:55	10.06	0	98.49	15.34	10.86	0	66.87	15.63	25.16	0	246.06	28.63	0	176.26	
07/12/2024 01:00	9.22	0	100.04	15.32	11.11	0	67	15.61	22.97	0	249.36	29.2	0	176.13	
07/12/2024 01:05	9.77	0	99.78	15.32	10.62	0	68.62	15.54	24.31	0	248.34	27.58	0	178.01	
07/12/2024 01:10	9.52	0	98.25	15.33	10.84	0	67.18	15.6	23.76	0	245.07	28.44	0	176.17	
07/12/2024 01:15	9.52	0	100.92	15.34	10.5	0	68.44	15.6	23.79	0	252.09	27.52	0	179.38	
07/12/2024 01:20	9.5	0	100.86	15.32	10.39	0	68.76	15.56	23.68	0	251.28	27.05	0	178.87	
07/12/2024 01:25	9.84	0	99.99	15.34	10.75	0	66.86	15.65	24.59	0	249.66	28.43	0	176.88	
07/12/2024 01:30	9.51	0	99.54	15.34	10.72	0	66.8	15.64	23.77	0	248.71	28.3	0	176.38	
07/12/2024 01:35	10.35	0	99.97	15.33	10.48	0	68.04	15.59	25.84	0	249.58	27.45	0	178.05	
07/12/2024 01:40	10.56	0	98.14	15.35	10.77	0	66.8	15.68	26.42	0	245.58	28.67	0	177.86	
07/12/2024 01:45	9.3	0	99.64	15.34	10.77	0	66.67	15.67	23.24	0	248.9	28.62	0	177.26	
07/12/2024 01:50	10.48	0	99.16	15.33	10.77	0	67.24	15.61	26.14	0	247.4	28.31	0	176.55	
07/12/2024 01:55	10.74	0	97.62	15.35	11.08	0	65.26	15.67	26.89	0	244.23	29.44	0	173.39	
07/12/2024 02:00	9.38	0	99.83	15.33	11.25	0	65.84	15.65	23.44	0	249.34	29.79	0	174.38	
07/12/2024 02:05	10.17	0	100.77	15.33	10.72	0	67.26	15.59	25.37	0	251.39	28.07	0	175.85	
07/12/2024 02:10	10.38	0	99.07	15.34	10.86	0	66.56	15.63	25.97	0	247.61	28.65	0	175.66	
07/12/2024 02:15	9.07	0	100	15.33	10.95	0	66.55	15.63	22.65	0	249.67	28.86	0	175.36	
07/12/2024 02:20	9.92	0	99.69	15.33	10.52	0	67.5	15.6	24.74	0	248.56	27.62	0	177.04	
07/12/2024 02:25	9.75	0	97.93	15.34	10.67	0	66.25	15.71	24.39	0	244.79	28.59	0	177.49	
07/12/2024 02:30	9.59	0	99.93	15.33	10.55	0	66.52	15.68	23.95	0	249.59	28.11	0	177.27	
07/12/2024 02:35	9.8	0	100.41	15.32	10.35	0	67.72	15.64	24.4	0	250.08	27.34	0	178.69	
07/12/2024 02:40	9.94	0	98.84	15.34	10.64	0	65.9	15.72	24.87	0	246.96	28.55	0	176.77	
07/12/2024 02:45	9.46	0	99.9	15.33	10.94	0	66.23	15.7	23.62	0	249.4	29.25	0	177.16	
07/12/2024 02:50	10.35	0	99.97	15.32	10.62	0	68.08	15.61	25.78	0	249.12	27.92	0	178.78	
07/12/2024 02:55	10.38	0	98.14	15.33	10.69	0	66.65	15.66	25.91	0	244.99	28.37	0	176.81	
07/12/2024 03:00	9.47	0	99.66	15.33	11.03	0	67.63	15.64	23.63	0	248.66	29.17	0	178.83	
07/12/2024 03:05	9.89	0	101.2	15.32	10.63	0	68.51	15.59	24.61	0	251.96	27.85	0	179.21	
07/12/2024 03:10	10.16	0	100.27	15.33	10.79	0	65.97	15.68	25.37	0	250.2	28.75	0	175.76	
07/12/2024 03:15	9.47	0	99.44	15.33	10.72	0	65.86	15.67	23.66	0	248.26	28.46	0	174.89	
07/12/2024 03:20	10.5	0	99.73	15.32	10.58	0	67.32	15.6	26.17	0	248.61	27.74	0	176.33	
07/12/2024 03:25	10.68	0	98.19	15.34	10.81	0	66.2	15.67	26.74	0	245.5	28.72	0	175.95	
07/12/2024 03:30	9.56	0	99.42	15.33	10.81	0	65.78	15.66	23.86	0	248.18	28.67	0	174.42	
07/12/2024 03:35	9.74	0	99.86	15.32	10.48	0	68.05	15.59	24.25	0	248.58	27.43	0	177.9	
07/12/2024 03:40	9.59	0	98.37	15.33	10.69	0	66.75	15.66	23.93	0	245.29	28.35	0	177.03	
07/12/2024 03:45	9.38	0	99.65	15.33	10.89	0	66.41	15.64	23.41	0	248.66	28.8	0	175.61	
07/12/2024 03:50	9.97	0	99.57	15.32	10.65	0	67.65	15.58	24.81	0	247.87	27.84	0	176.74	
07/12/2024 03:55	9.74	0	97.94	15.33	10.86	0	66.56	15.64	24.33	0	244.42	28.69	0	175.81	
07/12/2024 04:00	9.59	0	99.57	15.33	10.97	0	67.2	15.64	23.93	0	248.35	29	0	177.66	
07/12/2024 04:05	10.11	0	100.3	15.32	10.72	0	68.18	15.58	25.16	0	249.64	28.03	0	178.11	
07/12/2024 04:10	10.24	0	98.26	15.33	10.78	0	66.05	15.66	25.56	0	245.08	28.6	0	175.25	
07/12/2024 04:15	9.63	0	99.31	15.34	10.7	0	66.58	15.64	24.06	0	248.12	28.3	0	176.06	
07/12/2024 04:20	9.78	0	100.3	15.32	10.61	0	67.95	15.57	24.34	0	249.73	27.71	0	177.24	
07/12/2024 04:25	9.91	0	99.57	15.33	11	0	66.47	15.63	24.74	0	248.31	29.04	0	175.47	
07/12/2024 04:30	9.5	0	98.92	15.33	11.14	0	66.58	15.64	23.69	0	246.75	29.42	0	175.8	
07/12/2024 04:35	10.19	0	100.1	15.31	10.7	0	67.86	15.57	25.37	0	249.11	27.94	0	176.97	
07/12/2024 04:40	10.13	0	99.01	15.33	10.91	0	66.03	15.65	25.26	0	246.73	28.89	0	174.76	
07/12/2024 04:45	9.78	0	99.02	15.34	11.03	0	65.58	15.63	24.44	0	247.4	29.09	0	172.91	
07/12/2024 04:50	9.34	0	99.06	15.31	10.64	0	67.23	15.58	23.24	0	246.51	27.8	0	175.54	
07/12/2024 04:55	9.26	0	97.57	15.33	10.95	0									



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
07/12/2024 06:00	10.02	0	96.32	15.33	11.47	0	63.98	15.64	25.03	0	240.55	30.3	0	169.05	
07/12/2024 06:05	10.49	0	96.3	15.32	11.14	0	65.65	15.57	26.15	0	239.98	29.07	0	171.07	
07/12/2024 06:10	10.42	0	94.21	15.33	11.27	0	64.37	15.64	26.03	0	235.2	29.75	0	169.95	
07/12/2024 06:15	10.02	0	96.93	15.33	11.17	0	64.72	15.63	25.02	0	242.06	29.48	0	170.79	
07/12/2024 06:20	10.5	0	97.25	15.32	11.06	0	66.07	15.57	26.17	0	242.37	28.88	0	172.33	
07/12/2024 06:25	10.49	0	95.87	15.34	11.3	0	64.84	15.65	26.22	0	239.52	29.89	0	171.52	
07/12/2024 06:30	9.95	0	97.75	15.33	11.25	0	65.89	15.64	24.83	0	244.01	29.71	0	174.04	
07/12/2024 06:35	10.36	0	96.84	15.32	10.99	0	66.36	15.57	25.81	0	241.2	28.7	0	173.06	
07/12/2024 06:40	10.37	0	94.88	15.34	11.33	0	64.22	15.64	25.93	0	237.09	29.96	0	169.87	
07/12/2024 06:45	10.25	0	95.64	15.33	11.39	0	64.03	15.65	25.59	0	238.86	30.14	0	169.43	
07/12/2024 06:50	11.3	0	95.1	15.33	11.41	0	65.11	15.52	28.17	0	237.22	29.47	0	168.12	
07/12/2024 06:55	11.4	0	93.93	15.33	11.86	0	63.5	15.48	28.46	0	234.43	30.43	0	162.86	
07/12/2024 07:00	10.54	0	94.64	15.33	11.75	0	63.58	15.49	26.29	0	236.08	30.17	0	163.23	
07/12/2024 07:05	10.86	0	94.67	15.32	11.54	0	64.52	15.51	27.04	0	235.63	29.74	0	166.18	
07/12/2024 07:10	10.95	0	92.7	15.33	11.71	0	63.13	15.61	27.31	0	231.13	30.79	0	165.97	
07/12/2024 07:15	10.35	0	95.85	15.33	11.72	0	63.72	15.61	25.82	0	239.16	30.82	0	167.56	
07/12/2024 07:20	10.72	0	96.87	15.32	11.23	0	64.95	15.58	26.7	0	241.13	29.33	0	169.42	
07/12/2024 07:25	10.57	0	94.97	15.33	11.58	0	62.52	15.66	26.38	0	236.82	30.74	0	165.88	
07/12/2024 07:30	10.48	0	94.64	15.34	11.72	0	63.14	15.64	26.18	0	236.48	30.96	0	166.82	
07/12/2024 07:35	11.14	0	95	15.33	11.4	0	64.01	15.61	27.82	0	237.15	29.95	0	168.06	
07/12/2024 07:40	11.27	0	93.27	15.35	11.61	0	61.79	15.68	28.23	0	233.33	30.88	0	164.42	
07/12/2024 07:45	10.7	0	93.86	15.33	12.05	0	61.48	15.66	26.71	0	234.28	31.98	0	163.22	
07/12/2024 07:50	11.4	0	94.41	15.32	11.63	0	63.06	15.6	28.4	0	235.14	30.49	0	165.09	
07/12/2024 07:55	11.48	0	93.4	15.33	11.66	0	62.08	15.64	28.65	0	233.05	30.81	0	163.99	
07/12/2024 08:00	10.26	0	95.01	15.32	11.72	0	62.5	15.62	25.57	0	236.81	30.82	0	164.4	
07/12/2024 08:05	10.56	0	94.82	15.31	11.42	0	63.27	15.58	26.27	0	235.92	29.85	0	165.2	
07/12/2024 08:10	10.41	0	94.05	15.32	11.75	0	61.27	15.65	25.96	0	234.36	31.11	0	162.19	
07/12/2024 08:15	10.12	0	95	15.33	11.55	0	61.72	15.63	25.27	0	237.2	30.46	0	162.83	
07/12/2024 08:20	10.62	0	96.01	15.32	11.21	0	63.43	15.58	26.47	0	239.36	29.32	0	165.8	
07/12/2024 08:25	10.67	0	94.86	15.34	11.48	0	62.52	15.66	26.66	0	236.95	30.44	0	165.7	
07/12/2024 08:30	10.24	0	95.32	15.34	10.91	0	63.14	15.65	25.6	0	238.23	28.88	0	167.17	
07/12/2024 08:35	10.17	0	95.46	15.33	10.96	0	63.59	15.62	25.35	0	238.05	28.84	0	167.15	
07/12/2024 08:40	10.22	0	94.34	15.34	11.47	0	61.11	15.71	25.56	0	235.79	30.74	0	163.73	
07/12/2024 08:45	9.92	0	95.43	15.33	11.38	0	60.67	15.69	24.76	0	238.08	30.34	0	161.84	
07/12/2024 08:50	10.96	0	95.69	15.32	11.16	0	62.98	15.63	27.3	0	238.39	29.45	0	165.93	
07/12/2024 08:55	11.21	0	94.2	15.34	11.4	0	61.48	15.71	28.01	0	235.25	30.56	0	164.76	
07/12/2024 09:00	10.29	0	95.38	15.34	11.61	0	62.06	15.7	25.73	0	238.36	31.05	0	166	
07/12/2024 09:05	10.96	0	95.64	15.33	11.32	0	63.34	15.63	27.35	0	238.66	29.88	0	166.97	
07/12/2024 09:10	10.89	0	93.94	15.34	11.65	0	61.08	15.7	27.23	0	234.81	31.16	0	163.41	
07/12/2024 09:15	10.32	0	95.82	15.34	11.73	0	61.61	15.68	25.81	0	239.57	31.24	0	164	
07/12/2024 09:20	10.41	0	95.35	15.33	11.34	0	63.2	15.66	25.98	0	238.05	30.08	0	167.47	
07/12/2024 09:25	10.34	0	93.34	15.35	11.58	0	60.75	15.75	25.89	0	233.61	31.28	0	164.12	
07/12/2024 09:30	10.05	0	95.92	15.38	11.88	0	61.44	15.75	25.31	0	241.62	32.04	0	165.77	
07/12/2024 09:35	10.18	0	95.68	15.37	11.28	0	62.59	15.72	25.6	0	240.67	30.27	0	167.73	
07/12/2024 09:40	10.01	0	94.44	15.39	11.35	0	60.45	15.86	25.28	0	238.05	31.27	0	166.58	
07/12/2024 09:45	10.02	0	95.48	15.39	11.5	0	61.17	15.82	25.3	0	241.04	31.44	0	167.24	
07/12/2024 09:50	10.02	0	95.59	15.38	11.14	0	61.8	15.77	25.22	0	240.66	30.19	0	167.18	
07/12/2024 09:55	9.75	0	93.91	15.4	11.48	0	59.86	15.87	24.69	0	237.16	31.76	0	165.5	
07/12/2024 10:00	10.14	0	95.39	15.4	11.56	0	59.69	15.87	25.62	0	240.93	31.96	0	165	
07/12/2024 10:05	10.52	0	95.11	15.38	11.05	0	61.54	15.82	26.5	0	239.68	30.25	0	167.94	
07/12/2024 10:10	10.27	0	93.32	15.4	11.17	0	58.61	15.97	26	0	235.74	31.53	0	165.35	
07/12/2024 10:15	10.17	0	94.67	15.4	11.42	0	59.72	15.9	25.7	0	239.33	31.75	0	166.02	
07/12/2024 10:20	10.4	0	95.24	15.39	10.92	0	59.84	15.96	26.27	0	240.43	30.71	0	167.99	
07/12/2024 10:25	10.59	0	93.26	15.46	10.88	0	55.32	16.27	27.09	0	237.63	32.66	0	165.92	
07/12/2024 10:30	10.1	0	94.51	15.41	10.72	0	55.7	16.28	25.57	0	239.21	32.24	0	167.52	
07/12/2024 10:35	10.98	0	94.7	15.4	10.57	0	59.12	16.04	27.75	0	239.26	30.29	0	168.72	
07/12/2024 10:40	11.06	0	93.52	15.42	11.15	0	57.6	16.08	28.1	0	237.09	32.16	0	166.15	
07/12/2024 10:45	9.74	0	94.49	15.41	11.33	0	57.95	16.03	24.69	0	239.39	32.3	0	165.24	
07/12/2024 10:50	10.26	0	94.8	15.4	10.89	0	59.25	15.95	25.95	0	239.71	30.63	0	166.33	
07/12/2024 10:55	10.16	0	93.46	15.44	11.2	0	57.41	16.09	25.91	0	237.72	32.38	0	165.99	
07/12/2024 11:00	10.11	0	94.12	15.42	11.36	0	58.34	16.08	25.63	0	238.61	32.72	0	168.08	
07/12/2024 11:05	10.72	0	94.46	15.4	11.1	0	60.18	15.93	27.12	0	238.92	31.05	0	167.98	
07/12/2024 11:10	10.93	0	92.15	15.43	11.17	0	57.31	16.09	27.81	0	234.05	32.3	0	165.64	
07/12/2024 11:15	9.77	0	94.35	15.41	11.36	0	57.64	16.06	24.76	0	239.1	32.63	0	165.57	
07/12/2024 11:20	10.36	0	94.09	15.4	10.92	0	59.08	15.97	26.21	0	238	30.86	0	166.57	
07/12/2024 11:25	10.42	0	92.03	15.43	11.07	0	56.11	16.19	26.51	0	233.8	32.72	0	165.73	
07/12/2024 11:30	9.95	0	93.94	15.42	11.23	0	57.02	16.12	25.23	0	238.2	32.69	0	165.92	
07/12/2024 11:35	10.63	0	94.45	15.4	10.91	0	59.15	15.98	26.86	0	238.76	30.89	0	166.94	
07/12/2024 11:40	10.66	0	93.39	15.43	10.93	0	56.54	16.19	27.15	0	237.19	32.3	0	166.98	
07/12/2024 11:45	10.05	0	92.84	15.43	11.16	0	56.14	16.23	25.52	0	235.83	33.19	0	167.03	
07/12/2024 11:50	10.35	0	94.19	15.42	10.79	0	57.75	16.13	26.25	0	238.77	31.52	0	167.99	
07/12/2024 11:55	10.24	0	93.03	15.46	10.74	0	54	16.42	26.2	0	237.12	33.38	0	167.63	
07/12/2024 12:00	9.77	0	94.04	15.43	10.66	0	53.39	16.43	24.85	0	239.09	33.11	0	165.9	
07/12/2024 12:05	10.72	0	94.94	15.42	10.52	0	56.52	16.23	27.19	0	240.75	31.39	0	167.89	
07/12/2024 12:10	11.05	0	92.92	15.48	10.78	0	54.17	16.41	28.43	0	237.9	33.42	0	167.67	
07/12/2024 12:15	9.97	0	93.67	15.44	11.06	0	54.7	16.38	25.36	0	238.28	34.03	0	168.27	
07/12/2024 12:20	10.31	0	94.56	15.42	10.74	0	57.26	16.22	26.16	0	240.04	31.97	0	169.6	
07/12/2024 12:25	10.39	0	93.85	15.46	10.88	0	55.15	16.35	26.59	0	239.6	33.24	0	168.35	
07/12/2024 12:30	9.81														



Date & Time	Stack1_NO <sub>2</sub>	Stack1_SO <sub>2</sub>	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO <sub>2</sub>	Stack2_SO <sub>2</sub>	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO <sub>x</sub>	ck1_SO <sub>2</sub>	ck1_CO	ck2_NO <sub>x</sub>	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
07/12/2024 13:30	9.46	0	94.59	15.46	10.22	0	56.52	16.42	24.21	0	241.89	31.69	0	175.24	
07/12/2024 13:35	10.29	0	92.42	15.45	10.43	0	57.71	16.22	26.27	0	235.92	31.02	0	171.18	
07/12/2024 13:40	10.16	0	90.58	15.49	10.88	0	53.2	16.48	26.16	0	232.49	34.21	0	167.16	
07/12/2024 13:45	9.68	0	94.26	15.47	10.95	0	54.55	16.48	24.76	0	241.17	34.46	0	171.59	
07/12/2024 13:50	10.3	0	95.6	15.45	10.57	0	58.72	16.22	26.27	0	243.9	31.51	0	173.78	
07/12/2024 13:55	10.32	0	94.57	15.49	10.44	0	54.91	16.5	26.57	0	242.72	33.03	0	173.6	
07/12/2024 14:00	9.48	0	94.79	15.47	10.7	0	54.5	16.54	24.27	0	242.56	34.12	0	173.71	
07/12/2024 14:05	10.18	0	94.59	15.45	10.63	0	58.53	16.22	25.99	0	241.46	31.73	0	173.5	
07/12/2024 14:10	10.18	0	92.97	15.51	10.69	0	53.82	16.53	26.29	0	239.09	34.02	0	171.12	
07/12/2024 14:15	9.36	0	95.33	15.47	10.69	0	52.8	16.66	23.97	0	244.19	35.06	0	173.19	
07/12/2024 14:20	9.69	0	97.21	15.46	10.29	0	58.02	16.34	24.75	0	248.24	31.56	0	176.36	
07/12/2024 14:25	9.73	0	94.97	15.51	10.16	0	55.24	16.63	25.14	0	244.63	33.08	0	179.77	
07/12/2024 14:30	9.38	0	95.91	15.47	10.11	0	53.41	16.81	24.03	0	245.72	34.36	0	181.54	
07/12/2024 14:35	10.21	0	94.69	15.46	10.08	0	56.72	16.46	26.12	0	242.14	31.73	0	177.38	
07/12/2024 14:40	10.24	0	92.45	15.52	10.23	0	50.05	16.85	26.57	0	238.42	35.18	0	171.75	
07/12/2024 14:45	9.87	0	92.65	15.47	10.55	0	48.63	16.9	25.29	0	237.36	36.69	0	169.17	
07/12/2024 14:50	10.33	0	93.22	15.46	10.43	0	53.3	16.56	26.37	0	238.01	33.58	0	170.02	
07/12/2024 14:55	10.32	0	91.33	15.51	10	0	50.1	16.92	26.69	0	236.02	34.99	0	175.19	
07/12/2024 15:00	9.12	0	97.44	15.47	9.78	0	49.98	17.05	23.33	0	249.22	35.29	0	180.32	
07/12/2024 15:05	9.62	0	97.46	15.45	10.03	0	56.89	16.46	24.52	0	248.47	31.73	0	177.81	
07/12/2024 15:10	9.63	0	94.41	15.49	10.61	0	52.67	16.57	24.82	0	242.42	34.1	0	169.11	
07/12/2024 15:15	9.64	0	93.42	15.47	10.58	0	51.7	16.6	24.66	0	238.98	34.21	0	167.19	
07/12/2024 15:20	9.99	0	96.04	15.45	10.27	0	57.44	16.31	25.49	0	245.12	31.29	0	173.43	
07/12/2024 15:25	10	0	94.86	15.5	10.12	0	55.67	16.57	25.8	0	243.85	32.52	0	178.82	
07/12/2024 15:30	9.4	0	96.51	15.47	9.72	0	55.27	16.65	24.05	0	246.82	31.77	0	180.68	
07/12/2024 15:35	9.93	0	95.62	15.45	9.92	0	57.13	16.38	25.33	0	244.03	30.55	0	175.66	
07/12/2024 15:40	9.91	0	93.71	15.52	10.04	0	50.78	16.85	25.73	0	241.66	34.51	0	174.18	
07/12/2024 15:45	9.24	0	96.14	15.46	10.06	0	49.63	16.97	23.62	0	245.72	35.59	0	175.53	
07/12/2024 15:50	9.82	0	97.35	15.44	9.98	0	56	16.51	25	0	247.95	31.88	0	176.77	
07/12/2024 15:55	9.77	0	95.6	15.53	9.28	0	45.13	17.4	25.51	0	247.01	37.16	0	179.72	
07/12/2024 16:00	9.29	0	96.19	15.45	8.63	0	40.39	17.83	23.71	0	245.51	39.01	0	182.67	
07/12/2024 16:05	9.88	0	96.49	15.44	9.51	0	51.55	16.86	25.15	0	245.62	33.65	0	177.66	
07/12/2024 16:10	9.93	0	94.67	15.53	9.98	0	51.02	16.86	25.86	0	244.86	34.44	0	175.55	
07/12/2024 16:15	9.2	0	96.77	15.45	9.55	0	49.73	17.03	23.48	0	246.92	34.31	0	178.76	
07/12/2024 16:20	9.57	0	97.63	15.43	9.83	0	55.47	16.52	24.34	0	248.25	31.47	0	175.97	
07/12/2024 16:25	9.57	0	96	15.49	10.11	0	54.07	16.65	24.67	0	246.06	33.16	0	177.07	
07/12/2024 16:30	8.94	0	97.11	15.44	10.19	0	52.61	16.8	22.76	0	247.18	34.52	0	178.29	
07/12/2024 16:35	9.74	0	96.67	15.42	10.04	0	57.18	16.44	24.7	0	245.19	31.52	0	177.87	
07/12/2024 16:40	9.74	0	94.59	15.5	9.83	0	49.96	16.96	25.19	0	242.74	34.78	0	176.53	
07/12/2024 16:45	9.1	0	96.77	15.44	9.23	0	46.61	17.28	23.16	0	246.32	35.49	0	179.11	
07/12/2024 16:50	9.69	0	96.86	15.42	9.59	0	54.23	16.69	24.59	0	245.72	32.04	0	178.54	
07/12/2024 16:55	9.66	0	93.83	15.48	9.35	0	47.23	17.22	24.87	0	241.24	35.5	0	178.68	
07/12/2024 17:00	9	0	96.87	15.43	8.83	0	44.09	17.54	22.88	0	246.33	36.53	0	182.45	
07/12/2024 17:05	9.51	0	96.59	15.42	9.37	0	53.2	16.79	24.1	0	244.8	32.32	0	179.76	
07/12/2024 17:10	9.47	0	94.12	15.53	9.78	0	51.08	16.87	24.69	0	243.17	33.78	0	176.17	
07/12/2024 17:15	9.15	0	97.06	15.43	9.47	0	49	17.09	23.23	0	246.5	34.55	0	178.8	
07/12/2024 17:20	9.66	0	96.39	15.42	9.91	0	57.05	16.41	24.49	0	244.31	31.1	0	176.56	
07/12/2024 17:25	9.65	0	93.44	15.51	10.36	0	54.62	16.53	25.03	0	240.32	33	0	173.89	
07/12/2024 17:30	9.19	0	96.96	15.43	9.98	0	52.56	16.75	23.35	0	246.43	33.43	0	175.99	
07/12/2024 17:35	9.87	0	97.4	15.41	10.3	0	60.05	16.09	24.99	0	246.66	30.17	0	173.9	
07/12/2024 17:40	9.9	0	95.81	15.43	11.06	0	63.9	15.73	25.2	0	243.38	29.73	0	171.77	
07/12/2024 17:45	9.46	0	96.27	15.42	11.03	0	63.11	15.8	24.01	0	244.31	30.06	0	171.95	
07/12/2024 17:50	9.85	0	96.59	15.41	10.85	0	64.35	15.73	24.94	0	244.63	29.16	0	172.78	
07/12/2024 17:55	9.98	0	95.06	15.43	11.07	0	62.37	15.87	25.38	0	241.43	30.57	0	172.24	
07/12/2024 18:00	9.34	0	96.66	15.43	10.86	0	62.59	15.93	23.72	0	245.45	30.37	0	175.05	
07/12/2024 18:05	9.69	0	97.14	15.41	10.79	0	64.89	15.75	24.55	0	246.1	29.18	0	175.08	
07/12/2024 18:10	9.72	0	95.96	15.43	11.19	0	63.21	15.82	24.71	0	243.69	30.62	0	172.99	
07/12/2024 18:15	9.29	0	97.27	15.42	11.03	0	63.44	15.84	23.55	0	246.68	30.32	0	174.34	
07/12/2024 18:20	9.99	0	97.94	15.41	10.78	0	65.64	15.71	25.29	0	247.88	28.91	0	175.69	
07/12/2024 18:25	10.16	0	96.75	15.42	11.25	0	63.27	15.75	25.82	0	245.43	30.4	0	170.9	
07/12/2024 18:30	9.44	0	96.79	15.41	11.42	0	62.22	15.78	23.92	0	245.19	31	0	168.85	
07/12/2024 18:35	9.47	0	97.12	15.4	10.96	0	65.33	15.67	23.94	0	245.5	29.13	0	173.35	
07/12/2024 18:40	9.67	0	95.65	15.41	11.26	0	64.93	15.71	24.5	0	242.2	30.15	0	173.83	
07/12/2024 18:45	9.5	0	97.28	15.41	11.25	0	65.84	15.71	24.06	0	246.31	30.12	0	176.27	
07/12/2024 18:50	9.81	0	97.09	15.4	10.85	0	65.75	15.65	24.8	0	245.4	28.73	0	173.93	
07/12/2024 18:55	9.92	0	94.9	15.41	11.28	0	64.66	15.71	25.13	0	240.35	30.22	0	173.28	
07/12/2024 19:00	9.21	0	97.17	15.41	11.5	0	65.2	15.71	23.32	0	246.06	30.82	0	174.77	
07/12/2024 19:05	9.78	0	97.49	15.4	11.1	0	65.94	15.64	24.71	0	246.41	29.35	0	174.22	
07/12/2024 19:10	9.82	0	95.82	15.42	11.24	0	65.03	15.68	24.91	0	242.79	29.96	0	173.26	
07/12/2024 19:15	9.36	0	97.36	15.41	11.59	0	65.2	15.69	23.71	0	246.6	30.91	0	173.82	
07/12/2024 19:20	9.88	0	97.31	15.4	11.12	0	66.88	15.62	24.99	0	246.11	29.31	0	176.03	
07/12/2024 19:25	9.96	0	96.08	15.42	11.29	0	64.62	15.7	25.26	0	243.37	30.19	0	172.79	
07/12/2024 19:30	9.21	0	97.46	15.41	11.39	0	64.78	15.7	23.34	0	246.83	30.45	0	173.17	
07/12/2024 19:35	9.9	0	97.39	15.4	10.9	0	66.05	15.65	25.03	0	246.21	28.89	0	174.81	
07/12/2024 19:40	10.01	0	95.65	15.42	11.27	0	63.93	15.71	25.41	0	242.44	30.22	0	171.34	
07/12/2024 19:45	9.34	0	96.77	15.42	11.48	0	63.11	15.71	23.68	0	245.31	30.75	0	169	
07/12/2024 19:50	10.06	0	96.96	15.4	10.98	0	65.42	15.65	25.44	0	245.16	29.09	0	173.03	
07/12/2024 19:55	10.18	0	95.46	15.42	11.23	0	63.91	15.72	25.83	0	241.86	30.14	0	171.46	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
07/12/2024 21:00	9.26	0	98.19	15.41	11.09	0	66.25	15.69	23.45	0	248.75	29.57	0	176.61	
07/12/2024 21:05	9.82	0	97.16	15.4	10.93	0	67.25	15.63	24.82	0	245.56	28.83	0	177.06	
07/12/2024 21:10	9.92	0	95.9	15.41	11.41	0	64.37	15.71	25.12	0	242.67	30.54	0	172.33	
07/12/2024 21:15	9.48	0	97.84	15.41	11.28	0	65.03	15.71	24	0	247.8	30.21	0	174.15	
07/12/2024 21:20	10.13	0	98.33	15.4	10.86	0	66.61	15.66	25.62	0	248.53	28.8	0	176.47	
07/12/2024 21:25	10.52	0	96.71	15.42	11.06	0	65.18	15.73	26.68	0	245.09	29.73	0	175.24	
07/12/2024 21:30	9.47	0	98.67	15.41	11.13	0	65.25	15.73	23.98	0	249.77	29.88	0	175.26	
07/12/2024 21:35	10.02	0	98.77	15.4	10.78	0	67.21	15.66	25.31	0	249.6	28.62	0	178.1	
07/12/2024 21:40	10.06	0	97.44	15.42	10.94	0	65.55	15.74	25.54	0	247.15	29.5	0	176.71	
07/12/2024 21:45	9.22	0	98.86	15.41	11.05	0	67.08	15.72	23.34	0	250.14	29.66	0	180.12	
07/12/2024 21:50	10.27	0	98.81	15.4	10.78	0	67.26	15.66	25.96	0	249.73	28.63	0	178.49	
07/12/2024 21:55	10.54	0	97.26	15.42	10.98	0	65.61	15.72	26.75	0	246.53	29.5	0	176.2	
07/12/2024 22:00	9.39	0	99.11	15.41	10.83	0	66.48	15.73	23.79	0	251.02	29.13	0	178.85	
07/12/2024 22:05	10.12	0	98.74	15.4	10.61	0	67.82	15.65	25.58	0	249.58	28.11	0	179.41	
07/12/2024 22:10	10.37	0	97.68	15.41	11.04	0	65.98	15.68	26.28	0	247.29	29.4	0	175.62	
07/12/2024 22:15	9.54	0	98.67	15.41	11.27	0	65.77	15.67	24.16	0	249.86	29.93	0	174.69	
07/12/2024 22:20	10.14	0	98.59	15.4	10.89	0	66.82	15.61	25.64	0	249.22	28.65	0	175.65	
07/12/2024 22:25	10.55	0	97.35	15.42	10.88	0	66.34	15.64	26.73	0	246.62	28.78	0	175.44	
07/12/2024 22:30	9.44	0	99.63	15.4	10.89	0	66.58	15.64	23.87	0	252.01	28.76	0	175.8	
07/12/2024 22:35	9.76	0	100.41	15.4	10.66	0	69.3	15.58	24.64	0	253.58	27.88	0	180.98	
07/12/2024 22:40	9.76	0	99.16	15.41	11.04	0	67.07	15.62	24.72	0	250.84	29.1	0	176.71	
07/12/2024 22:45	9.43	0	98.23	15.41	11.17	0	66.47	15.63	23.88	0	248.68	29.44	0	175.15	
07/12/2024 22:50	10.31	0	98.36	15.4	10.9	0	67.77	15.58	26.08	0	248.74	28.51	0	177.15	
07/12/2024 22:55	10.65	0	97.09	15.42	11.14	0	66.17	15.63	27	0	245.98	29.38	0	174.57	
07/12/2024 23:00	9.44	0	99.16	15.42	11.14	0	66.05	15.63	23.92	0	251.31	29.4	0	174.3	
07/12/2024 23:05	10.02	0	98.87	15.4	10.75	0	67.99	15.59	25.33	0	249.97	28.13	0	177.71	
07/12/2024 23:10	9.85	0	97.32	15.4	11.28	0	66.65	15.63	24.93	0	246.16	29.76	0	175.81	
07/12/2024 23:15	9.43	0	99.26	15.41	11.47	0	66.86	15.64	23.88	0	251.39	30.32	0	176.76	
07/12/2024 23:20	9.38	0	98.66	15.4	10.76	0	67.82	15.61	23.7	0	249.22	28.27	0	178.1	
07/12/2024 23:25	9.13	0	96.63	15.41	11	0	67.14	15.69	23.11	0	244.41	29.37	0	179.21	
07/12/2024 23:30	9.24	0	99.69	15.41	11.17	0	66.69	15.7	23.42	0	252.58	29.88	0	178.37	
07/12/2024 23:35	10.4	0	99.43	15.4	10.87	0	68.69	15.63	26.31	0	251.4	28.69	0	181.09	
07/12/2024 23:40	10.65	0	97.87	15.42	10.95	0	67.2	15.7	27.05	0	248.25	29.27	0	179.65	
07/12/2024 23:45	9.5	0	99.48	15.41	10.91	0	68.25	15.72	24.07	0	251.91	29.29	0	183.26	
07/12/2024 23:50	10.11	0	98.88	15.4	10.78	0	67.97	15.64	25.56	0	249.91	28.48	0	179.49	
07/12/2024 23:55	10.3	0	97.26	15.42	11.35	0	65.79	15.68	26.13	0	246.54	30.21	0	175.12	
08/12/2024 00:00	9.47	0	99.13	15.41	11.31	0	66.78	15.69	23.99	0	251.04	30.16	0	178.03	
08/12/2024 00:05	9.82	0	99.07	15.4	10.86	0	68.02	15.63	24.8	0	250.33	28.68	0	179.46	
08/12/2024 00:10	10.11	0	98.37	15.41	11.14	0	66.98	15.68	25.59	0	248.89	29.66	0	178.32	
08/12/2024 00:15	9.47	0	98.49	15.41	11.42	0	66.73	15.68	23.97	0	249.27	30.44	0	177.85	
08/12/2024 00:20	10.06	0	98.92	15.39	10.88	0	68.1	15.62	25.41	0	249.76	28.64	0	179.07	
08/12/2024 00:25	10.08	0	97.48	15.41	11.17	0	68.18	15.64	25.53	0	246.64	29.54	0	180.3	
08/12/2024 00:30	9.35	0	99.14	15.41	10.91	0	68.8	15.65	23.67	0	250.89	28.86	0	182.04	
08/12/2024 00:35	9.81	0	99.53	15.4	10.68	0	69.82	15.6	24.8	0	251.71	28.03	0	183.1	
08/12/2024 00:40	10.05	0	98.3	15.41	10.96	0	68.26	15.66	25.47	0	248.93	29.1	0	181.15	
08/12/2024 00:45	9.26	0	99.08	15.41	11.23	0	68	15.66	23.46	0	251.07	29.82	0	180.47	
08/12/2024 00:50	9.33	0	99.15	15.4	10.68	0	69.22	15.61	23.6	0	250.66	28.07	0	181.75	
08/12/2024 00:55	9.54	0	97.58	15.42	10.81	0	68.21	15.65	24.19	0	247.25	28.63	0	180.67	
08/12/2024 01:00	9.36	0	99.25	15.41	10.69	0	68.2	15.66	23.71	0	251.28	28.35	0	180.9	
08/12/2024 01:05	10.1	0	99.34	15.4	10.61	0	69.87	15.6	25.56	0	251.26	27.84	0	183.3	
08/12/2024 01:10	10.17	0	98.5	15.42	10.98	0	67.94	15.65	25.8	0	249.58	29.07	0	179.92	
08/12/2024 01:15	9.58	0	99.37	15.42	11.3	0	67.52	15.66	24.29	0	252.02	29.98	0	179.18	
08/12/2024 01:20	9.5	0	99.34	15.4	10.73	0	68.29	15.61	23.99	0	250.94	28.22	0	179.36	
08/12/2024 01:25	9.74	0	98.17	15.41	10.94	0	66.95	15.65	24.66	0	248.36	28.95	0	177.18	
08/12/2024 01:30	9.55	0	97.82	15.41	11.14	0	67.05	15.65	24.18	0	247.72	29.5	0	177.57	
08/12/2024 01:35	10.14	0	97.89	15.4	10.81	0	68.45	15.6	25.64	0	247.53	28.38	0	179.51	
08/12/2024 01:40	10.26	0	96.47	15.42	11.13	0	67.68	15.64	26.01	0	244.42	29.42	0	178.83	
08/12/2024 01:45	9.32	0	98	15.41	11.42	0	67.55	15.63	23.59	0	247.91	30.15	0	178.31	
08/12/2024 01:50	9.73	0	98.26	15.4	10.84	0	69.14	15.6	24.59	0	248.24	28.41	0	181.09	
08/12/2024 01:55	9.6	0	97.91	15.4	11.09	0	67.66	15.64	24.29	0	247.65	29.33	0	178.97	
08/12/2024 02:00	9.5	0	97.62	15.41	11.03	0	67.44	15.65	24.06	0	247.2	29.21	0	178.55	
08/12/2024 02:05	9.99	0	98.36	15.4	10.79	0	68.17	15.6	25.23	0	248.42	28.32	0	178.87	
08/12/2024 02:10	9.87	0	97.24	15.41	11.01	0	67.07	15.66	24.99	0	245.91	29.21	0	177.96	
08/12/2024 02:15	9.22	0	97.6	15.41	10.89	0	66.83	15.66	23.34	0	247.07	28.9	0	177.36	
08/12/2024 02:20	10.02	0	97.35	15.39	10.7	0	67.82	15.62	25.3	0	245.77	28.15	0	178.27	
08/12/2024 02:25	10.03	0	95.61	15.41	11.12	0	65.73	15.68	25.38	0	241.87	29.6	0	174.94	
08/12/2024 02:30	8.91	0	98.33	15.41	11.39	0	65.56	15.68	22.55	0	248.78	30.32	0	174.52	
08/12/2024 02:35	10.69	0	98.22	15.4	10.92	0	67.17	15.63	27.01	0	248.24	28.79	0	176.91	
08/12/2024 02:40	10.97	0	96.09	15.41	11.15	0	66.04	15.66	27.76	0	243.08	29.59	0	175.27	
08/12/2024 02:45	9.52	0	97.48	15.41	11.17	0	66.53	15.66	24.08	0	246.68	29.64	0	176.52	
08/12/2024 02:50	9.69	0	98.46	15.39	10.68	0	67.69	15.61	24.44	0	248.45	28.11	0	177.88	
08/12/2024 02:55	9.42	0	97.79	15.4	11.06	0	66.1	15.66	23.81	0	246.98	29.34	0	175.36	
08/12/2024 03:00	9.49	0	98.26	15.4	11.14	0	66.63	15.65	23.99	0	248.46	29.51	0	176.5	
08/12/2024 03:05	9.65	0	98.43	15.39	10.82	0	67.78	15.6	24.34	0	248.16	28.4	0	177.69	
08/12/2024 03:10	9.96	0	96.94	15.4	11.09	0	66.44	15.63	25.18	0	244.78	29.25	0	175.33	
08/12/2024 03:15	9.49	0	98.21	15.4	11.38	0	66.19	15.63	23.99	0	248.12	30.01	0	174.62	
08/12/2024 03:20	9.19	0	97.94	15.38	10.87	0	67.51	15.58	23.14	0	246.64	28.4	0	176.24	
08/12/2024 03:25	9.03	0	96.75	15.39	11.08	0	66.74	15.61	22.79	0	243.9	29.13	0	175.45	
08/12/2024 03:30	9.48	0	98.14	15.4	11.13	0	67.38	15							



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/12/2024 04:30	9.62	0	97.76	15.41	11.36	0	66.03	15.65	24.33	0	247.3	30.05	0	174.67	
08/12/2024 04:35	9.94	0	98.43	15.39	10.83	0	67.66	15.59	25.08	0	248.3	28.38	0	177.11	
08/12/2024 04:40	9.71	0	97.84	15.39	11.04	0	66.3	15.63	24.51	0	246.86	29.12	0	174.83	
08/12/2024 04:45	9.56	0	97.66	15.4	11.05	0	66.95	15.63	24.16	0	246.89	29.12	0	176.48	
08/12/2024 04:50	10.03	0	97.93	15.39	10.79	0	68.11	15.58	25.3	0	246.99	28.19	0	177.85	
08/12/2024 04:55	10.05	0	96.89	15.4	11.01	0	66.81	15.62	25.4	0	244.76	28.97	0	175.82	
08/12/2024 05:00	9.38	0	97.47	15.4	11.28	0	67.27	15.62	23.72	0	246.36	29.71	0	177.14	
08/12/2024 05:05	9.81	0	98.51	15.39	10.91	0	67.75	15.57	24.74	0	248.32	28.48	0	176.76	
08/12/2024 05:10	9.71	0	97.5	15.39	11.15	0	66.84	15.6	24.51	0	245.98	29.28	0	175.47	
08/12/2024 05:15	9.44	0	97.71	15.4	11.5	0	66.55	15.61	23.87	0	246.99	30.21	0	174.84	
08/12/2024 05:20	10.16	0	98.6	15.39	10.94	0	67.69	15.57	25.65	0	248.83	28.56	0	176.48	
08/12/2024 05:25	10.21	0	97.38	15.41	11.06	0	66.54	15.62	25.85	0	246.24	29.12	0	175.24	
08/12/2024 05:30	9.89	0	97.65	15.41	11.19	0	66.5	15.63	25.04	0	247.32	29.48	0	175.23	
08/12/2024 05:35	9.83	0	97.85	15.39	10.77	0	67.54	15.58	24.81	0	247.01	28.16	0	176.53	
08/12/2024 05:40	9.84	0	96.52	15.4	11.07	0	66.17	15.63	24.91	0	244.05	29.2	0	174.55	
08/12/2024 05:45	9.68	0	98.26	15.4	11.11	0	66.17	15.64	24.49	0	248.53	29.33	0	174.73	
08/12/2024 05:50	10.87	0	98.26	15.4	10.95	0	67.48	15.6	27.51	0	248.54	28.7	0	176.82	
08/12/2024 05:55	11.1	0	96.57	15.42	11.05	0	65.99	15.65	28.14	0	244.78	29.26	0	174.76	
08/12/2024 06:00	9.47	0	97.24	15.41	11.03	0	65.63	15.65	23.97	0	246	29.21	0	173.75	
08/12/2024 06:05	10.24	0	97.54	15.4	10.8	0	67.21	15.61	25.88	0	246.51	28.39	0	176.6	
08/12/2024 06:10	10.39	0	96.2	15.41	11.23	0	65.51	15.64	26.34	0	243.66	29.66	0	173.08	
08/12/2024 06:15	9.72	0	97.17	15.41	11.44	0	64.78	15.65	24.6	0	245.87	30.26	0	171.41	
08/12/2024 06:20	10.55	0	97.84	15.4	11.12	0	66.93	15.59	26.65	0	247.11	29.11	0	175.13	
08/12/2024 06:25	10.7	0	96.89	15.41	11.25	0	65.89	15.63	27.07	0	245.03	29.69	0	173.86	
08/12/2024 06:30	9.96	0	97.92	15.41	11.28	0	66.34	15.63	25.23	0	247.96	29.77	0	175.08	
08/12/2024 06:35	10.48	0	97.26	15.4	10.96	0	66.31	15.59	26.5	0	245.79	28.71	0	173.63	
08/12/2024 06:40	10.59	0	96.15	15.41	11.4	0	64.54	15.64	26.8	0	243.27	30.12	0	170.6	
08/12/2024 06:45	9.62	0	95.94	15.4	11.27	0	64.52	15.65	24.33	0	242.62	29.81	0	170.71	
08/12/2024 06:50	10.1	0	95.56	15.39	11.09	0	65.73	15.59	25.48	0	241.23	29.06	0	172.13	
08/12/2024 06:55	10.07	0	94.38	15.4	11.28	0	64.64	15.63	25.48	0	238.62	29.77	0	170.56	
08/12/2024 07:00	9.91	0	96.16	15.41	11.28	0	64.56	15.64	25.08	0	243.27	29.82	0	170.63	
08/12/2024 07:05	10.43	0	96.42	15.4	11.1	0	65.83	15.59	26.35	0	243.59	29.06	0	172.26	
08/12/2024 07:10	10.31	0	94.92	15.4	11.37	0	65.11	15.62	26.09	0	239.99	29.96	0	171.51	
08/12/2024 07:15	9.86	0	96.8	15.41	11.27	0	65.73	15.62	24.94	0	244.97	29.68	0	173.16	
08/12/2024 07:20	10.88	0	96.75	15.4	11.1	0	66.63	15.58	27.49	0	244.56	29	0	173.86	
08/12/2024 07:25	11.13	0	95.6	15.41	11.5	0	65.27	15.59	28.19	0	241.98	30.1	0	170.88	
08/12/2024 07:30	9.87	0	96.43	15.41	11.39	0	65.39	15.6	24.96	0	243.96	29.85	0	171.34	
08/12/2024 07:35	10.57	0	96.78	15.4	11.18	0	66.93	15.55	26.71	0	244.59	29.04	0	173.76	
08/12/2024 07:40	10.85	0	95.55	15.41	11.44	0	65.68	15.57	27.49	0	241.88	29.8	0	171.15	
08/12/2024 07:45	9.71	0	96.46	15.41	11.56	0	65.88	15.58	24.58	0	244.23	30.18	0	171.96	
08/12/2024 07:50	10.5	0	97.1	15.41	11.22	0	66.8	15.54	26.57	0	245.69	29.12	0	173.26	
08/12/2024 07:55	10.6	0	95.97	15.42	11.58	0	65.08	15.59	26.86	0	243.13	30.29	0	170.24	
08/12/2024 08:00	9.93	0	96.69	15.42	11.78	0	65.42	15.6	25.18	0	245.02	30.88	0	171.48	
08/12/2024 08:05	10.54	0	96.92	15.4	11.38	0	65.94	15.56	26.66	0	245.13	29.61	0	171.5	
08/12/2024 08:10	10.82	0	96.21	15.41	11.59	0	64.82	15.59	27.39	0	243.54	30.32	0	169.63	
08/12/2024 08:15	9.88	0	96.24	15.42	11.25	0	65.64	15.6	25.04	0	243.91	29.49	0	172.05	
08/12/2024 08:20	10.76	0	96.5	15.41	11.04	0	66.37	15.55	27.21	0	244.12	28.72	0	172.49	
08/12/2024 08:25	10.55	0	95.17	15.41	11.54	0	65.01	15.58	26.72	0	240.89	30.16	0	169.84	
08/12/2024 08:30	9.83	0	96.1	15.41	11.38	0	64.8	15.59	24.92	0	243.51	29.75	0	169.49	
08/12/2024 08:35	10.23	0	96.9	15.41	11.15	0	66.36	15.55	25.89	0	245.25	28.97	0	172.4	
08/12/2024 08:40	10.13	0	95.65	15.42	11.62	0	64.71	15.57	25.67	0	242.35	30.3	0	168.81	
08/12/2024 08:45	10.07	0	95.66	15.42	11.95	0	64.83	15.58	25.52	0	242.47	31.22	0	169.32	
08/12/2024 08:50	10.05	0	95.79	15.4	11.42	0	65.3	15.55	25.39	0	242.04	29.67	0	169.56	
08/12/2024 08:55	10.12	0	94.59	15.41	11.66	0	64.79	15.58	25.62	0	239.35	30.46	0	169.2	
08/12/2024 09:00	9.93	0	95.27	15.42	11.64	0	65.06	15.58	25.18	0	241.58	30.42	0	170.03	
08/12/2024 09:05	10.7	0	95.66	15.41	11.36	0	65.63	15.55	27.06	0	242	29.51	0	170.34	
08/12/2024 09:10	10.75	0	94.1	15.41	11.67	0	64.38	15.58	27.24	0	238.35	30.47	0	168.09	
08/12/2024 09:15	10.17	0	95.61	15.42	11.72	0	64.53	15.58	25.79	0	242.48	30.63	0	168.7	
08/12/2024 09:20	10.29	0	96.22	15.41	11.32	0	65.13	15.55	26.02	0	243.39	29.41	0	169.19	
08/12/2024 09:25	10.08	0	94.96	15.41	11.72	0	64.25	15.59	25.53	0	240.33	30.69	0	168.27	
08/12/2024 09:30	9.84	0	95.31	15.42	11.67	0	65.52	15.6	24.97	0	241.83	30.63	0	171.93	
08/12/2024 09:35	10.71	0	95.58	15.41	11.27	0	65.9	15.56	27.13	0	242.17	29.38	0	171.63	
08/12/2024 09:40	11.05	0	93.8	15.43	11.63	0	63.7	15.6	28.07	0	238.17	30.54	0	167.19	
08/12/2024 09:45	10.91	0	88.47	15.42	11.77	0	62.56	15.61	27.67	0	224.35	30.94	0	164.52	
08/12/2024 09:50	11.67	0	89.99	15.41	11.8	0	61.96	15.56	29.51	0	227.64	30.74	0	161.36	
08/12/2024 09:55	11.52	0	88.84	15.41	12.33	0	59.28	15.6	29.17	0	224.91	32.32	0	155.43	
08/12/2024 10:00	11.45	0	87.27	15.42	12.39	0	58.78	15.61	29.02	0	221.21	32.53	0	154.34	
08/12/2024 10:05	12.02	0	88.06	15.41	12.25	0	60.05	15.56	30.42	0	222.77	31.91	0	156.31	
08/12/2024 10:10	11.9	0	86.82	15.41	12.59	0	59.01	15.59	30.16	0	219.8	32.95	0	154.44	
08/12/2024 10:15	10.53	0	92.19	15.41	12.81	0	59.2	15.6	26.67	0	233.61	33.59	0	155.22	
08/12/2024 10:20	11.35	0	93.45	15.41	12.26	0	61.7	15.56	28.73	0	236.64	31.92	0	160.44	
08/12/2024 10:25	11.54	0	91.94	15.42	12.25	0	62.45	15.58	29.26	0	233.14	32.01	0	163.14	
08/12/2024 10:30	10.63	0	93.27	15.42	12.11	0	63.22	15.58	26.96	0	236.49	31.66	0	165.26	
08/12/2024 10:35	10.97	0	93.12	15.4	11.81	0	64.24	15.55	27.74	0	235.42	30.7	0	166.94	
08/12/2024 10:40	10.67	0	92.25	15.41	12.1	0	63.3	15.57	27	0	233.37	31.56	0	165.11	
08/12/2024 10:45	10.69	0	94.63	15.41	12.22	0	63.31	15.57	27.07	0	239.68	31.89	0	165.22	
08/12/2024 10:50	10.59	0	95.89	15.4	11.62	0	65.48	15.54	26.78	0	242.37	30.13	0	169.67	
08/12/2024 10:55	10.79	0	94.39	15.41	11.9	0	64.49	15.58	27.32	0	238.95	31.07	0	168.38	
08/12/2024 11:00	10.39	0	95.24	15.42											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/12/2024 12:00	9.93	0	94.34	15.43	12.02	0	63.25	15.61	25.21	0	239.59	31.57	0	166.18	
08/12/2024 12:05	11.37	0	95.62	15.43	11.78	0	64.23	15.57	28.88	0	242.8	30.74	0	167.47	
08/12/2024 12:10	11.65	0	94.39	15.44	11.99	0	62.73	15.6	29.65	0	240.02	31.46	0	164.59	
08/12/2024 12:15	10.72	0	94.12	15.44	12.48	0	63.42	15.61	27.3	0	239.65	32.8	0	166.63	
08/12/2024 12:20	10.72	0	94.12	15.43	11.82	0	64.15	15.58	27.25	0	239.17	30.87	0	167.43	
08/12/2024 12:25	10.64	0	92.68	15.43	12.07	0	62.51	15.62	27.06	0	235.57	31.75	0	164.44	
08/12/2024 12:30	10.71	0	93.9	15.44	12.19	0	62.31	15.62	27.25	0	238.97	32.11	0	164.15	
08/12/2024 12:35	10.9	0	94.22	15.42	11.76	0	63.87	15.57	27.65	0	238.98	30.72	0	166.61	
08/12/2024 12:40	10.61	0	93.14	15.43	12.2	0	62.4	15.6	26.97	0	236.44	31.97	0	163.54	
08/12/2024 12:45	10.72	0	93.45	15.44	12.42	0	61.7	15.6	27.28	0	237.78	32.58	0	161.83	
08/12/2024 12:50	11.54	0	93.84	15.43	12	0	63.43	15.57	29.33	0	238.38	31.26	0	165.18	
08/12/2024 12:55	12.02	0	92.91	15.44	12.26	0	62.61	15.6	30.59	0	236.28	32.17	0	164.23	
08/12/2024 13:00	10.93	0	93.35	15.44	12.42	0	63.66	15.61	27.8	0	237.49	32.63	0	167.19	
08/12/2024 13:05	10.61	0	93.72	15.42	11.79	0	64.34	15.56	26.9	0	237.69	30.72	0	167.46	
08/12/2024 13:10	10.38	0	92.52	15.43	12.21	0	62.65	15.59	26.36	0	234.82	31.94	0	163.87	
08/12/2024 13:15	10.47	0	92.96	15.43	12.59	0	62.25	15.59	26.6	0	236.23	32.95	0	162.88	
08/12/2024 13:20	11.06	0	93.04	15.42	12.03	0	63.48	15.56	28.03	0	235.87	31.35	0	165.23	
08/12/2024 13:25	11.15	0	91.82	15.43	12.23	0	61.94	15.61	28.31	0	233.08	32.16	0	162.87	
08/12/2024 13:30	10.6	0	92.59	15.44	12.06	0	62.61	15.62	26.96	0	235.57	31.73	0	164.69	
08/12/2024 13:35	11.46	0	93.51	15.43	11.74	0	63.2	15.61	29.11	0	237.41	30.84	0	165.93	
08/12/2024 13:40	11.27	0	92.14	15.43	12.15	0	61.18	15.7	28.66	0	234.23	32.45	0	163.42	
08/12/2024 13:45	11.02	0	92.89	15.44	12.02	0	62	15.69	28.07	0	236.68	32.05	0	165.38	
08/12/2024 13:50	11.03	0	92.59	15.43	11.78	0	62.81	15.67	28.03	0	235.26	31.3	0	166.83	
08/12/2024 13:55	10.92	0	90.95	15.45	12.13	0	59.49	15.79	27.86	0	231.67	33.02	0	161.91	
08/12/2024 14:00	10.86	0	92.07	15.45	12.17	0	58.97	15.8	27.67	0	234.65	33.16	0	160.67	
08/12/2024 14:05	11.9	0	91.47	15.43	11.93	0	60.15	15.78	30.25	0	232.61	32.4	0	163.17	
08/12/2024 14:10	12.38	0	90.45	15.45	12.07	0	57.8	15.96	31.6	0	230.68	33.94	0	162.5	
08/12/2024 14:15	11.22	0	91.39	15.45	12.09	0	58.59	15.94	28.62	0	233.07	33.92	0	164.33	
08/12/2024 14:20	12.12	0	91.5	15.44	11.97	0	60.02	15.84	30.86	0	232.96	32.92	0	164.85	
08/12/2024 14:25	12.42	0	90.04	15.47	12.07	0	57.38	15.95	31.79	0	230.17	33.88	0	160.99	
08/12/2024 14:30	10.95	0	90.27	15.45	12.19	0	57.36	15.93	27.92	0	230.23	34.05	0	160.26	
08/12/2024 14:35	11.58	0	90.01	15.44	12.02	0	58.42	15.83	29.47	0	229.11	32.99	0	160.05	
08/12/2024 14:40	11.59	0	88.21	15.46	12.36	0	57.92	15.83	29.66	0	225.35	33.87	0	158.71	
08/12/2024 14:45	11.33	0	90.98	15.46	12.5	0	58.55	15.82	28.96	0	232.48	34.2	0	160.21	
08/12/2024 14:50	11.26	0	92.26	15.44	12.04	0	60.61	15.75	28.68	0	234.95	32.52	0	163.47	
08/12/2024 14:55	11.41	0	91.32	15.46	12.24	0	58.54	15.85	29.14	0	233.02	33.7	0	161.19	
08/12/2024 15:00	10.83	0	91.04	15.45	11.98	0	58.34	15.84	27.63	0	232.38	32.92	0	160.24	
08/12/2024 15:05	11.33	0	90.15	15.44	11.72	0	58.99	15.84	28.85	0	229.66	32.19	0	161.83	
08/12/2024 15:10	11.42	0	87.59	15.49	11.89	0	55.73	16.1	29.35	0	224.62	34.41	0	161.25	
08/12/2024 15:15	10.53	0	91.14	15.46	11.89	0	55.56	16.14	26.89	0	232.66	34.74	0	162.33	
08/12/2024 15:20	11.85	0	91.8	15.45	11.71	0	59.52	15.9	30.26	0	234.34	32.61	0	165.15	
08/12/2024 15:25	11.81	0	90.03	15.49	11.8	0	57.03	16.03	30.35	0	230.96	33.73	0	162.95	
08/12/2024 15:30	10.5	0	92.02	15.46	11.94	0	56.83	16.05	26.82	0	235.1	34.2	0	162.82	
08/12/2024 15:35	11.2	0	92.22	15.44	11.66	0	59.54	15.89	28.54	0	234.93	32.4	0	164.93	
08/12/2024 15:40	11.25	0	90.44	15.48	11.67	0	56.93	16.1	28.92	0	231.79	33.79	0	164.76	
08/12/2024 15:45	10.48	0	92.73	15.46	11.58	0	57.22	16.14	26.78	0	236.8	33.83	0	167.17	
08/12/2024 15:50	11.1	0	92.84	15.44	11.41	0	59.44	15.97	28.26	0	236.45	32.2	0	167.23	
08/12/2024 15:55	11.22	0	91.37	15.49	11.74	0	56.13	16.19	28.86	0	234.2	34.69	0	165.73	
08/12/2024 16:00	10.24	0	92.67	15.45	11.95	0	55.31	16.28	26.13	0	236.4	35.98	0	166.52	
08/12/2024 16:05	10.75	0	93.69	15.43	11.51	0	59.13	16.02	27.34	0	238.24	32.9	0	168.01	
08/12/2024 16:10	10.8	0	92.52	15.47	11.55	0	55.85	16.21	27.71	0	236.53	34.27	0	165.62	
08/12/2024 16:15	10.09	0	92.88	15.45	11.66	0	55.34	16.28	25.71	0	236.7	35.08	0	166.56	
08/12/2024 16:20	10.79	0	93.61	15.43	11.35	0	58.58	16.07	27.42	0	237.96	32.76	0	168.23	
08/12/2024 16:25	10.85	0	92.72	15.47	11.29	0	53.7	16.42	27.87	0	237.2	35.1	0	166.74	
08/12/2024 16:30	10.58	0	93.03	15.45	11.22	0	51.91	16.63	27.02	0	237.49	36.53	0	169.02	
08/12/2024 16:35	10.75	0	92.98	15.43	11.14	0	57.33	16.19	27.34	0	236.44	33.16	0	169	
08/12/2024 16:40	10.77	0	91.52	15.47	11.31	0	54.81	16.32	27.59	0	233.74	34.37	0	166.46	
08/12/2024 16:45	10.65	0	93.12	15.46	11.05	0	54.33	16.41	27.2	0	237.86	34.21	0	168.22	
08/12/2024 16:50	10.67	0	92.96	15.43	11.16	0	58.61	16.1	27.13	0	236.43	32.4	0	169.25	
08/12/2024 16:55	10.6	0	91.45	15.47	11.32	0	55.51	16.28	27.17	0	233.52	34.06	0	166.96	
08/12/2024 17:00	10.38	0	93.57	15.46	11.33	0	54.28	16.41	26.51	0	238.94	35.05	0	167.96	
08/12/2024 17:05	10.77	0	94.19	15.43	11.32	0	58.87	16.03	27.37	0	239.43	32.46	0	167.79	
08/12/2024 17:10	10.79	0	92.32	15.48	11.65	0	58.14	16.04	27.74	0	236.32	33.34	0	166.27	
08/12/2024 17:15	10.29	0	93.91	15.44	11.75	0	57.42	16.15	26.21	0	239.16	34.41	0	168.15	
08/12/2024 17:20	10.67	0	94.48	15.43	11.44	0	60.9	15.89	27.09	0	239.93	31.82	0	168.66	
08/12/2024 17:25	10.82	0	92.55	15.47	11.64	0	58.98	15.98	27.74	0	236.49	32.95	0	166.8	
08/12/2024 17:30	10.11	0	94.85	15.44	11.97	0	58.34	16.09	25.74	0	241.45	34.57	0	168.51	
08/12/2024 17:35	10.43	0	96.26	15.42	11.37	0	62.8	15.87	26.46	0	244.15	31.53	0	173.25	
08/12/2024 17:40	10.33	0	95.41	15.45	11.39	0	61.15	15.95	26.35	0	242.85	31.99	0	171.78	
08/12/2024 17:45	9.93	0	96.19	15.43	11.42	0	60.08	16.03	25.25	0	244.6	32.63	0	171.63	
08/12/2024 17:50	10.66	0	96.49	15.42	11.44	0	62.46	15.82	27.05	0	244.88	31.38	0	170.97	
08/12/2024 17:55	10.75	0	94.89	15.44	11.74	0	61.66	15.86	27.37	0	241.32	32.36	0	169.98	
08/12/2024 18:00	10.34	0	95.19	15.44	11.81	0	61.11	15.87	26.31	0	242.23	32.61	0	168.72	
08/12/2024 18:05	10.9	0	95.64	15.42	10.98	0	63.92	15.74	27.67	0	242.71	29.62	0	171.99	
08/12/2024 18:10	10.68	0	94.65	15.43	11.63	0	63.16	15.79	27.17	0	240.46	31.66	0	171.93	
08/12/2024 18:15	10.04	0	95.74	15.44	11.77	0	62.72	15.82	25.56	0	243.58	32.18	0	171.52	
08/12/2024 18:20	11	0	95.81	15.43	11.54	0	64.39	15.7	27.94	0	243.29	30.87	0	172.02	
08/12/2024 18:25	10.93	0	94.68	15.44	11.81	0	64.22	15.74	27.81	0	240.72	31.82	0	173.01	
08/12/20															



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
08/12/2024 19:30	11.04	0	93.17	15.44	12.72	0	61.94	15.71	28.1	0	237.12	34.07	0	165.91	
08/12/2024 19:35	11.44	0	92.46	15.42	12.28	0	62.43	15.65	29.03	0	234.64	32.53	0	165.18	
08/12/2024 19:40	12.1	0	91.6	15.43	12.48	0	60.15	15.68	30.78	0	232.82	33.25	0	160.21	
08/12/2024 19:45	11.2	0	91.47	15.44	12.67	0	60.53	15.68	28.49	0	232.77	33.75	0	161.22	
08/12/2024 19:50	11.38	0	93.29	15.42	12.21	0	61.96	15.65	28.88	0	236.68	32.32	0	163.87	
08/12/2024 19:55	11.5	0	92.56	15.43	12.21	0	61.01	15.72	29.23	0	235.14	32.75	0	163.68	
08/12/2024 20:00	10.8	0	93.4	15.43	12.31	0	61.33	15.71	27.45	0	237.32	32.98	0	164.28	
08/12/2024 20:05	11.5	0	93.13	15.42	12.1	0	62.13	15.66	29.18	0	236.27	32.13	0	164.79	
08/12/2024 20:10	11.77	0	92.05	15.44	12.2	0	59.8	15.73	29.94	0	234.01	32.82	0	160.8	
08/12/2024 20:15	11.18	0	91.45	15.43	12.14	0	59.44	15.73	28.39	0	232.3	32.66	0	159.89	
08/12/2024 20:20	11.71	0	91.11	15.41	12.24	0	60.67	15.68	29.68	0	230.84	32.61	0	161.62	
08/12/2024 20:25	11.97	0	90.34	15.42	12.3	0	59.6	15.74	30.4	0	229.27	33.12	0	160.41	
08/12/2024 20:30	11.1	0	92.56	15.43	13.09	0	59.73	15.72	28.18	0	235.06	35.15	0	160.35	
08/12/2024 20:35	11.48	0	93.26	15.42	12.24	0	61.61	15.67	29.1	0	236.34	32.58	0	163.69	
08/12/2024 20:40	11.34	0	92.33	15.43	12.23	0	60.2	15.75	28.81	0	234.28	32.98	0	162.34	
08/12/2024 20:45	10.98	0	92.37	15.43	12.84	0	60.19	15.74	27.88	0	234.56	34.61	0	162.2	
08/12/2024 20:50	11.61	0	92.62	15.41	12.28	0	62.36	15.66	29.42	0	234.68	32.58	0	165.14	
08/12/2024 20:55	12.05	0	91.07	15.43	12.48	0	60.32	15.72	30.65	0	231.45	33.47	0	161.83	
08/12/2024 21:00	11.12	0	92.91	15.43	12.75	0	60.05	15.72	28.26	0	236.04	34.24	0	161.24	
08/12/2024 21:05	11.78	0	92.92	15.42	12.21	0	61.87	15.66	29.91	0	235.86	32.44	0	164.07	
08/12/2024 21:10	11.92	0	91.21	15.45	12.31	0	59.98	15.74	30.39	0	232.22	33.19	0	161.7	
08/12/2024 21:15	11.44	0	92.28	15.44	12.42	0	60.22	15.75	29.11	0	234.79	33.53	0	162.53	
08/12/2024 21:20	11.12	0	92.61	15.42	12.12	0	61.7	15.69	28.2	0	234.77	32.33	0	164.41	
08/12/2024 21:25	11.35	0	90.92	15.44	12.19	0	59.69	15.76	28.89	0	231.12	32.97	0	161.36	
08/12/2024 21:30	10.87	0	92.12	15.43	12.53	0	58.89	15.76	27.63	0	234.13	33.91	0	159.38	
08/12/2024 21:35	11.28	0	92.39	15.42	12.06	0	60.91	15.67	28.61	0	234.23	32.09	0	161.87	
08/12/2024 21:40	11.48	0	91.37	15.43	12.47	0	60.09	15.7	29.16	0	231.96	33.32	0	160.6	
08/12/2024 21:45	10.85	0	93.86	15.43	12.89	0	61.16	15.71	27.58	0	238.66	34.5	0	163.67	
08/12/2024 21:50	11.32	0	95.04	15.42	12.09	0	63.5	15.66	28.72	0	241.22	32.05	0	168.28	
08/12/2024 21:55	11.34	0	94.68	15.43	12.14	0	60.77	15.71	28.83	0	240.56	32.52	0	162.74	
08/12/2024 22:00	11.05	0	91.73	15.43	12.17	0	60.31	15.7	28.08	0	233.07	32.56	0	161.32	
08/12/2024 22:05	11.46	0	91.37	15.41	11.91	0	60.73	15.64	29.02	0	231.37	31.52	0	160.54	
08/12/2024 22:10	11.37	0	89.47	15.42	12.48	0	59.43	15.69	28.83	0	226.8	33.3	0	158.56	
08/12/2024 22:15	11.13	0	90.88	15.42	12.41	0	59.31	15.69	28.24	0	230.61	33.1	0	158.26	
08/12/2024 22:20	11.64	0	92.05	15.41	12.16	0	60.76	15.64	29.47	0	232.99	32.13	0	160.41	
08/12/2024 22:25	11.57	0	90.75	15.42	12.55	0	59.22	15.7	29.37	0	230.18	33.53	0	158.29	
08/12/2024 22:30	11.07	0	91.61	15.43	12.7	0	59.11	15.69	28.12	0	232.62	33.89	0	157.67	
08/12/2024 22:35	11.66	0	92	15.42	12.36	0	59.98	15.64	29.57	0	233.22	32.68	0	158.48	
08/12/2024 22:40	11.52	0	90.9	15.43	12.51	0	59.59	15.69	29.29	0	230.83	33.39	0	158.99	
08/12/2024 22:45	11.39	0	91.41	15.43	12.56	0	58.95	15.69	28.96	0	232.29	33.5	0	157.21	
08/12/2024 22:50	11.61	0	92.14	15.42	12.21	0	60.89	15.64	29.43	0	233.66	32.26	0	160.7	
08/12/2024 22:55	11.54	0	90.69	15.43	12.54	0	59.56	15.7	29.31	0	230.29	33.5	0	159.09	
08/12/2024 23:00	11.14	0	91.34	15.43	12.48	0	59.41	15.7	28.28	0	231.91	33.34	0	158.65	
08/12/2024 23:05	12.1	0	90.95	15.42	12.33	0	60.57	15.64	30.68	0	230.56	32.59	0	159.91	
08/12/2024 23:10	12.37	0	90.1	15.43	12.53	0	59.34	15.69	31.43	0	228.8	33.41	0	158.25	
08/12/2024 23:15	11.11	0	90.77	15.42	12.64	0	58.88	15.7	28.19	0	230.36	33.77	0	157.28	
08/12/2024 23:20	12.05	0	90.17	15.41	12.5	0	59.8	15.65	30.52	0	228.35	33.12	0	158.29	
08/12/2024 23:25	12.06	0	88.8	15.42	12.45	0	58.18	15.72	30.62	0	225.2	33.39	0	156.06	
08/12/2024 23:30	11.46	0	90.28	15.43	12.47	0	58.98	15.73	29.09	0	229.26	33.53	0	158.62	
08/12/2024 23:35	11.94	0	90.25	15.41	12.3	0	60.11	15.65	30.22	0	228.41	32.61	0	159.14	
08/12/2024 23:40	11.73	0	88.82	15.42	12.41	0	58.36	15.69	29.75	0	225.01	33.13	0	155.86	
08/12/2024 23:45	11.4	0	90.72	15.42	12.48	0	58.16	15.7	28.93	0	230.24	33.37	0	155.46	
08/12/2024 23:50	12.27	0	91	15.42	12.37	0	59.84	15.65	31.11	0	230.72	32.74	0	158.26	
08/12/2024 23:55	12.51	0	90.04	15.43	12.55	0	58.52	15.69	31.76	0	228.49	33.5	0	156.23	
09/12/2024 00:00	11.59	0	90	15.42	12.66	0	58.3	15.7	29.42	0	228.49	33.85	0	155.93	
09/12/2024 00:05	12.34	0	90.13	15.41	12.5	0	59.8	15.63	31.24	0	228.14	32.94	0	157.51	
09/12/2024 00:10	12.77	0	88.69	15.42	12.69	0	59.24	15.64	32.37	0	224.85	33.54	0	156.63	
09/12/2024 00:15	11.68	0	90.67	15.42	12.78	0	59.02	15.65	29.64	0	230.13	33.82	0	156.16	
09/12/2024 00:20	12.05	0	90.76	15.41	12.52	0	60.22	15.6	30.51	0	229.73	32.85	0	157.85	
09/12/2024 00:25	12.2	0	89.67	15.42	12.71	0	58.99	15.63	30.95	0	227.38	33.54	0	155.72	
09/12/2024 00:30	11.56	0	90.09	15.41	12.91	0	60.02	15.64	29.29	0	228.27	34.12	0	158.66	
09/12/2024 00:35	12.23	0	90.63	15.41	12.64	0	60.93	15.6	30.97	0	229.42	33.13	0	159.7	
09/12/2024 00:40	12.52	0	88.86	15.43	12.69	0	59.14	15.64	31.79	0	225.48	33.52	0	156.13	
09/12/2024 00:45	11.67	0	89.2	15.42	12.98	0	58.55	15.65	29.61	0	226.38	34.35	0	154.87	
09/12/2024 00:50	12.03	0	90.09	15.41	12.61	0	59.42	15.6	30.45	0	228.06	33.09	0	155.85	
09/12/2024 00:55	12.17	0	89.23	15.42	12.77	0	58.6	15.64	30.89	0	226.26	33.77	0	154.97	
09/12/2024 01:00	11.99	0	88.52	15.42	12.59	0	58.59	15.65	30.41	0	224.53	33.36	0	155.23	
09/12/2024 01:05	12.65	0	87.75	15.41	12.58	0	59.62	15.6	32.01	0	222.03	32.98	0	156.19	
09/12/2024 01:10	12.82	0	86.22	15.41	13.02	0	57.46	15.63	32.48	0	218.32	34.36	0	151.68	
09/12/2024 01:15	12.1	0	87.41	15.41	13.17	0	58.06	15.65	30.66	0	221.38	34.85	0	153.64	
09/12/2024 01:20	12.81	0	87.2	15.4	12.94	0	58.37	15.6	32.4	0	220.52	33.92	0	152.88	
09/12/2024 01:25	12.95	0	85.79	15.41	13.15	0	56.43	15.64	32.81	0	217.22	34.79	0	149.21	
09/12/2024 01:30	12.42	0	86.57	15.42	13.41	0	55.86	15.65	31.48	0	219.48	35.49	0	147.89	
09/12/2024 01:35	12.83	0	86.44	15.4	13.19	0	57.01	15.6	32.46	0	218.62	34.63	0	149.56	
09/12/2024 01:40	13.01	0	84.74	15.42	13.18	0	55.64	15.66	33.02	0	214.89	34.96	0	147.62	
09/12/2024 01:45	12.49	0	86.01	15.42	13.23	0	55.34	15.68	31.67	0	218.16	35.25	0	147.41	
09/12/2024 01:50	12.89	0	86.23	15.4	13.07	0	56.88	15.62	32.59	0	217.98	34.41	0	149.58	
09/12/2024 01:55	12.9	0	85.19	15.41	13.21	0	56.07	15.65	32.64	0	215.47	34.94	0	148.33	
09/12/2															



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
09/12/2024 03:00	12.57	0	85.1	15.42	13.63	0	54.72	15.65	31.88	0	215.87	36.07	0	144.87	
09/12/2024 03:05	13.05	0	84.87	15.41	13.32	0	55.4	15.61	33.05	0	214.97	35.01	0	145.58	
09/12/2024 03:10	13.13	0	82.89	15.43	13.29	0	55.02	15.67	33.38	0	210.48	35.31	0	146.19	
09/12/2024 03:15	12.24	0	86.61	15.42	13.16	0	56.2	15.68	31.02	0	219.49	35.01	0	149.56	
09/12/2024 03:20	12.72	0	87.41	15.4	12.85	0	57.07	15.61	32.16	0	220.94	33.77	0	149.82	
09/12/2024 03:25	12.75	0	86.29	15.41	13.03	0	56.9	15.62	32.3	0	218.4	34.33	0	149.92	
09/12/2024 03:30	12.32	0	86.23	15.41	13.38	0	56.27	15.63	31.19	0	218.38	35.26	0	148.35	
09/12/2024 03:35	13.09	0	85.95	15.4	13.01	0	57.51	15.59	33.1	0	217.37	34.07	0	150.41	
09/12/2024 03:40	13.12	0	84.45	15.42	13.22	0	55.89	15.64	33.26	0	213.94	34.9	0	147.57	
09/12/2024 03:45	12.26	0	87.15	15.42	13.17	0	56.52	15.64	31.07	0	220.94	34.83	0	149.45	
09/12/2024 03:50	12.65	0	88.12	15.41	12.74	0	58.27	15.59	32	0	222.91	33.34	0	152.42	
09/12/2024 03:55	12.82	0	87.12	15.41	12.85	0	56.91	15.64	32.48	0	220.65	33.93	0	150.3	
09/12/2024 04:00	12.16	0	87.98	15.41	12.98	0	56.78	15.65	30.78	0	222.64	34.35	0	150.2	
09/12/2024 04:05	12.68	0	87.76	15.4	12.78	0	57.49	15.61	32.04	0	221.77	33.59	0	150.93	
09/12/2024 04:10	12.62	0	86.85	15.41	13.08	0	55.8	15.68	31.96	0	219.77	34.83	0	148.62	
09/12/2024 04:15	12.17	0	87.56	15.42	12.94	0	56.13	15.69	30.88	0	222.08	34.49	0	149.62	
09/12/2024 04:20	12.69	0	88.52	15.4	12.68	0	57.52	15.62	32.07	0	223.78	33.38	0	151.31	
09/12/2024 04:25	12.66	0	87.19	15.42	13.15	0	55.26	15.66	32.12	0	220.9	34.89	0	146.6	
09/12/2024 04:30	12.81	0	83.77	15.41	13.39	0	53.97	15.68	32.43	0	212.12	35.62	0	143.57	
09/12/2024 04:35	13.34	0	83.81	15.4	13.15	0	55.72	15.61	33.72	0	211.86	34.56	0	146.34	
09/12/2024 04:40	13.24	0	82.72	15.41	13.25	0	55.45	15.65	33.53	0	209.36	35.07	0	146.76	
09/12/2024 04:45	12.36	0	86.41	15.42	13.03	0	55.88	15.66	31.33	0	219.01	34.55	0	148.16	
09/12/2024 04:50	12.86	0	86.58	15.4	12.88	0	56.68	15.6	32.5	0	218.83	33.83	0	148.73	
09/12/2024 04:55	12.81	0	85.13	15.41	13.12	0	56.09	15.64	32.46	0	215.57	34.64	0	148.12	
09/12/2024 05:00	12.59	0	85.24	15.41	13.03	0	55.47	15.65	31.91	0	215.95	34.48	0	146.77	
09/12/2024 05:05	12.99	0	85.21	15.4	12.9	0	56.68	15.59	32.84	0	215.35	33.8	0	148.41	
09/12/2024 05:10	13.02	0	84.35	15.41	13.3	0	55	15.62	32.97	0	213.39	35.02	0	144.87	
09/12/2024 05:15	12.47	0	85.53	15.41	13.7	0	55.11	15.63	31.58	0	216.52	36.15	0	145.39	
09/12/2024 05:20	12.93	0	86.9	15.4	13.1	0	56.69	15.59	32.65	0	219.52	34.27	0	148.21	
09/12/2024 05:25	12.95	0	86.61	15.4	12.91	0	57.02	15.62	32.75	0	219.03	33.95	0	149.98	
09/12/2024 05:30	12.31	0	86.83	15.41	12.81	0	57.53	15.63	31.13	0	219.68	33.76	0	151.6	
09/12/2024 05:35	12.85	0	86.97	15.39	12.66	0	57.68	15.58	32.41	0	219.45	33.11	0	150.73	
09/12/2024 05:40	12.92	0	85.18	15.4	12.94	0	56.43	15.62	32.67	0	215.31	34.07	0	148.55	
09/12/2024 05:45	12.53	0	85.5	15.41	13.19	0	55.42	15.62	31.72	0	216.48	34.72	0	145.91	
09/12/2024 05:50	12.67	0	86.18	15.4	12.86	0	56.65	15.58	32.02	0	217.84	33.63	0	148.08	
09/12/2024 05:55	12.54	0	84.66	15.42	13.04	0	56.24	15.61	31.79	0	214.41	34.29	0	147.91	
09/12/2024 06:00	12.22	0	87.26	15.42	12.91	0	56.48	15.62	30.97	0	221.15	34	0	148.8	
09/12/2024 06:05	12.81	0	87.62	15.4	12.73	0	58.25	15.58	32.39	0	221.51	33.27	0	152.14	
09/12/2024 06:10	12.84	0	86.49	15.42	12.8	0	57.05	15.63	32.54	0	219.11	33.77	0	150.45	
09/12/2024 06:15	12.21	0	86.72	15.41	12.89	0	56.48	15.63	30.9	0	219.5	33.99	0	148.93	
09/12/2024 06:20	12.84	0	85.94	15.4	12.69	0	57.67	15.58	32.43	0	217.05	33.2	0	150.74	
09/12/2024 06:25	12.86	0	84.95	15.4	12.97	0	56.36	15.63	32.51	0	214.73	34.18	0	148.56	
09/12/2024 06:30	12.28	0	85.73	15.41	13.09	0	56.94	15.63	31.09	0	217.03	34.55	0	150.26	
09/12/2024 06:35	12.76	0	86.73	15.4	12.68	0	57.93	15.59	32.24	0	219.16	33.19	0	151.52	
09/12/2024 06:40	12.8	0	85.93	15.41	12.93	0	55.39	15.63	32.45	0	217.6	34.09	0	146.07	
09/12/2024 06:45	12.4	0	86.05	15.41	13.23	0	54.89	15.63	31.39	0	217.84	34.89	0	144.73	
09/12/2024 06:50	12.56	0	87.34	15.4	12.66	0	57.95	15.59	31.74	0	220.76	33.12	0	151.45	
09/12/2024 06:55	12.51	0	86.59	15.41	12.57	0	57.18	15.63	31.68	0	219.1	33.13	0	150.68	
09/12/2024 07:00	12.39	0	86.67	15.41	12.59	0	56.73	15.63	31.37	0	219.4	33.23	0	149.72	
09/12/2024 07:05	13.07	0	87.12	15.4	12.63	0	57.9	15.58	33.01	0	220.08	33	0	151.17	
09/12/2024 07:10	13.07	0	86.46	15.4	12.93	0	56.56	15.61	33.05	0	218.56	33.95	0	148.56	
09/12/2024 07:15	12.13	0	86.95	15.41	13.23	0	56.45	15.61	30.68	0	219.98	34.76	0	148.27	
09/12/2024 07:20	12.55	0	87.98	15.4	12.74	0	57.21	15.58	31.7	0	222.16	33.27	0	149.32	
09/12/2024 07:25	12.44	0	86.77	15.4	14.15	0	49.11	15.63	31.46	0	219.25	37.3	0	129.48	
09/12/2024 07:30	12.89	0	84.67	15.41	14.88	0	50.77	15.63	32.67	0	214.55	39.25	0	133.97	
09/12/2024 07:35	12.72	0	86.68	15.4	13.5	0	55.33	15.59	32.16	0	219.23	35.35	0	144.64	
09/12/2024 07:40	12.72	0	85.52	15.41	12.77	0	56.72	15.62	32.22	0	216.54	33.63	0	149.32	
09/12/2024 07:45	12.15	0	86.61	15.41	12.7	0	56.78	15.62	30.76	0	219.34	33.45	0	149.53	
09/12/2024 07:50	12.56	0	86.3	15.4	12.56	0	58.14	15.59	31.75	0	218.07	32.85	0	151.98	
09/12/2024 07:55	12.4	0	85.24	15.4	12.76	0	56.96	15.64	31.37	0	215.55	33.73	0	150.53	
09/12/2024 08:00	12.3	0	85.79	15.41	12.95	0	56.95	15.64	31.14	0	217.22	34.23	0	150.52	
09/12/2024 08:05	12.49	0	87.39	15.39	12.72	0	57.85	15.59	31.54	0	220.65	33.29	0	151.28	
09/12/2024 08:10	12.37	0	86.44	15.4	12.9	0	56.26	15.63	31.29	0	218.45	33.99	0	148.3	
09/12/2024 08:15	12.16	0	85.73	15.41	13.14	0	56.45	15.64	30.79	0	217.02	34.72	0	149.16	
09/12/2024 08:20	13.08	0	84.96	15.4	12.84	0	57.56	15.59	33.07	0	214.89	33.63	0	150.71	
09/12/2024 08:25	13.28	0	83.62	15.41	12.97	0	55.58	15.64	33.64	0	211.78	34.29	0	146.95	
09/12/2024 08:30	11.97	0	85.78	15.41	13.2	0	55.33	15.65	30.31	0	217.24	34.94	0	146.4	
09/12/2024 08:35	12.88	0	85.98	15.4	12.83	0	57.01	15.59	32.54	0	217.28	33.6	0	149.2	
09/12/2024 08:40	13.11	0	84.58	15.4	12.9	0	55.83	15.63	33.16	0	213.92	34.02	0	147.29	
09/12/2024 08:45	12.11	0	86	15.42	12.78	0	56	15.64	30.71	0	218.01	33.75	0	147.87	
09/12/2024 08:50	12.82	0	85.84	15.4	12.67	0	56.82	15.59	32.41	0	217.09	33.16	0	148.54	
09/12/2024 08:55	12.9	0	84.42	15.42	13.25	0	54.49	15.63	32.72	0	213.89	34.92	0	143.65	
09/12/2024 09:00	12.33	0	85.56	15.42	13.33	0	55.27	15.63	31.28	0	216.98	35.16	0	145.8	
09/12/2024 09:05	12.91	0	86.13	15.41	12.96	0	56.52	15.6	32.68	0	218.03	33.97	0	148.04	
09/12/2024 09:10	12.96	0	85.52	15.41	13.15	0	55.21	15.65	32.84	0	216.59	34.8	0	146.11	
09/12/2024 09:15	12.29	0	86.56	15.42	13.11	0	55.14	15.65	31.16	0	219.51	34.69	0	145.9	
09/12/2024 09:20	13.29	0	87.66	15.41	13.03	0	56.93	15.61	33.65	0	221.93	34.25	0	149.58	
09/12/2024 09:25	13.68	0	86.55	15.42	13.11	0	55.21	15.65	34.7	0	219.4	34.7	0	146.13	
09/12/2024 09:30	12.14														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/12/2024 10:30	11.02	0	91.59	15.42	12.53	0	59.41	15.68	27.97	0	232.43	33.34	0	158.04	
09/12/2024 10:35	11.88	0	91.92	15.41	12.18	0	61.12	15.65	30.1	0	232.83	32.25	0	161.64	
09/12/2024 10:40	12.39	0	90.97	15.43	12	0	59.45	15.77	31.46	0	230.88	32.54	0	161.24	
09/12/2024 10:45	11.2	0	90.87	15.43	12.28	0	59.16	15.79	28.47	0	230.89	33.42	0	160.98	
09/12/2024 10:50	12.27	0	91.88	15.42	12.06	0	60.47	15.74	31.1	0	232.99	32.52	0	162.85	
09/12/2024 10:55	12.59	0	90.51	15.44	11.94	0	59.24	15.84	32.08	0	230.35	32.84	0	162.9	
09/12/2024 11:00	11.05	0	91.52	15.43	12.25	0	59.33	15.84	28.09	0	232.63	33.64	0	162.95	
09/12/2024 11:05	11.3	0	93.04	15.42	11.98	0	60.4	15.77	28.67	0	235.95	32.45	0	163.45	
09/12/2024 11:10	11.22	0	92.77	15.43	11.92	0	59.49	15.84	28.53	0	235.64	32.74	0	163.37	
09/12/2024 11:15	11.44	0	91.51	15.44	12.17	0	59.88	15.84	29.13	0	233.08	33.46	0	164.6	
09/12/2024 11:20	11.44	0	91.53	15.42	11.75	0	61.04	15.78	29.05	0	232.38	31.92	0	165.53	
09/12/2024 11:25	11.65	0	90.52	15.44	11.96	0	59.8	15.84	29.65	0	230.28	32.82	0	164.14	
09/12/2024 11:30	11.03	0	92.48	15.44	11.86	0	59.8	15.81	28.08	0	235.5	32.41	0	163.43	
09/12/2024 11:35	11.31	0	92.78	15.42	11.75	0	61.41	15.74	28.72	0	235.53	31.64	0	165.17	
09/12/2024 11:40	11.79	0	91.75	15.44	12.13	0	60.56	15.76	30.02	0	233.37	32.83	0	163.89	
09/12/2024 11:45	11.28	0	91.63	15.45	12.14	0	61.55	15.72	28.77	0	233.73	32.58	0	165.16	
09/12/2024 11:50	11.12	0	92.55	15.43	11.78	0	62.45	15.7	28.25	0	235.18	31.48	0	166.67	
09/12/2024 11:55	11.25	0	91.15	15.45	11.96	0	61.55	15.73	28.7	0	232.2	32.14	0	165.45	
09/12/2024 12:00	10.84	0	93.24	15.45	12.28	0	62.83	15.7	27.62	0	237.62	32.85	0	168.05	
09/12/2024 12:05	11.29	0	92.36	15.43	11.91	0	62.45	15.66	28.7	0	234.75	31.62	0	165.63	
09/12/2024 12:10	11.08	0	91.43	15.44	12.38	0	59.94	15.72	28.21	0	232.64	33.22	0	160.84	
09/12/2024 12:15	10.9	0	92.39	15.45	12.44	0	59.94	15.71	27.78	0	235.47	33.29	0	160.41	
09/12/2024 12:20	11.23	0	93.22	15.43	12.02	0	61.38	15.68	28.55	0	236.92	32	0	163.22	
09/12/2024 12:25	10.72	0	92.16	15.43	12.32	0	60.85	15.72	27.28	0	234.27	33.07	0	163.26	
09/12/2024 12:30	10.84	0	92	15.45	12.61	0	61.05	15.7	27.65	0	234.58	33.72	0	163.23	
09/12/2024 12:35	12.47	0	92.28	15.44	12.15	0	61.54	15.68	31.78	0	235.1	32.37	0	163.84	
09/12/2024 12:40	12.66	0	91.12	15.46	12.24	0	59.39	15.82	32.34	0	232.52	33.48	0	162.44	
09/12/2024 12:45	10.68	0	92.05	15.45	12.13	0	59.2	15.85	27.24	0	234.79	33.38	0	163.01	
09/12/2024 12:50	11.93	0	92.26	15.44	11.89	0	61.05	15.78	30.36	0	234.9	32.31	0	165.79	
09/12/2024 12:55	11.81	0	91.07	15.45	12.37	0	58.89	15.83	30.12	0	232.06	33.93	0	161.52	
09/12/2024 13:00	10.99	0	91.44	15.45	12.59	0	59.02	15.82	28.06	0	233.26	34.43	0	161.34	
09/12/2024 13:05	11.08	0	92.54	15.43	12.07	0	60.74	15.76	28.16	0	235.08	32.7	0	164.12	
09/12/2024 13:10	10.66	0	91.66	15.42	12.36	0	58.11	15.85	27.05	0	232.63	34.05	0	160.09	
09/12/2024 13:15	11.4	0	90.68	15.47	12.5	0	58.84	15.85	29.18	0	231.94	34.4	0	161.92	
09/12/2024 13:20	11.34	0	90.8	15.44	12.02	0	60.11	15.75	28.87	0	231.14	32.48	0	162.12	
09/12/2024 13:25	10.86	0	89.09	15.44	12.36	0	59.93	15.73	27.68	0	226.79	33.22	0	161.12	
09/12/2024 13:30	10.97	0	90.25	15.46	12.72	0	60.19	15.71	28.06	0	230.79	34.04	0	161.08	
09/12/2024 13:35	12.09	0	89.21	15.46	12.44	0	60.03	15.69	30.88	0	227.77	33.21	0	160.1	
09/12/2024 13:40	11.97	0	87.66	15.46	12.83	0	58.39	15.7	30.6	0	223.9	34.32	0	156.16	
09/12/2024 13:45	11.13	0	89.31	15.46	12.95	0	59.09	15.68	28.45	0	228.24	34.46	0	157.21	
09/12/2024 13:50	11.72	0	90.2	15.45	12.4	0	59.22	15.73	29.88	0	229.9	33.32	0	158.93	
09/12/2024 13:55	11.74	0	88.88	15.47	12.34	0	57.1	15.91	30.06	0	227.27	34.35	0	158.96	
09/12/2024 14:00	11	0	89.69	15.47	12.22	0	57.53	15.88	28.13	0	229.41	33.85	0	159.39	
09/12/2024 14:05	11.49	0	90.41	15.46	11.88	0	58.28	15.9	29.32	0	230.81	33.04	0	161.8	
09/12/2024 14:10	11.45	0	88.39	15.48	11.94	0	53.85	16.25	29.41	0	226.42	35.69	0	160.84	
09/12/2024 14:15	10.93	0	89.82	15.47	11.77	0	53.22	16.31	27.99	0	230.07	35.66	0	161.31	
09/12/2024 14:20	10.76	0	90.72	15.45	11.63	0	56.43	16.06	27.45	0	231.47	33.53	0	161.87	
09/12/2024 14:25	10.64	0	89.56	15.48	11.91	0	53.17	16.27	27.32	0	229.22	35.77	0	159.64	
09/12/2024 14:30	11.07	0	89.56	15.48	11.86	0	53.89	16.26	28.39	0	229.72	35.52	0	161.42	
09/12/2024 14:35	11.39	0	89.93	15.46	11.68	0	57.1	16.07	29.09	0	229.74	33.68	0	164.33	
09/12/2024 14:40	11.35	0	88.84	15.48	11.99	0	55.54	16.07	29.1	0	227.4	34.53	0	159.95	
09/12/2024 14:45	10.95	0	89.78	15.48	12.28	0	56.2	16.02	28.12	0	230.37	34.98	0	160.1	
09/12/2024 14:50	11.55	0	89.75	15.46	12.04	0	58.22	15.92	29.55	0	229.52	33.64	0	162.24	
09/12/2024 14:55	11.54	0	88.48	15.5	11.93	0	52.69	16.28	29.74	0	227.24	35.95	0	158.68	
09/12/2024 15:00	11.01	0	89.3	15.5	11.56	0	51.2	16.44	28.33	0	229.65	36.02	0	159.49	
09/12/2024 15:05	11.49	0	90.18	15.46	11.59	0	54.94	16.17	29.38	0	230.61	34.14	0	161.03	
09/12/2024 15:10	11.47	0	89.17	15.46	11.93	0	54.22	16.17	29.31	0	227.87	35.11	0	159.51	
09/12/2024 15:15	10.85	0	89.33	15.5	11.94	0	53.64	16.2	27.98	0	229.95	35.34	0	158.8	
09/12/2024 15:20	11.33	0	89.82	15.47	11.66	0	55.82	16.08	28.98	0	229.74	33.66	0	160.56	
09/12/2024 15:25	11.25	0	87.59	15.53	11.66	0	52.71	16.35	29.23	0	226.43	35.61	0	160.91	
09/12/2024 15:30	10.66	0	91.09	15.48	11.48	0	52	16.46	27.33	0	233.48	35.95	0	162.77	
09/12/2024 15:35	10.7	0	91.89	15.46	11.46	0	55.36	16.19	27.32	0	234.75	33.94	0	163.09	
09/12/2024 15:40	10.63	0	91.05	15.5	11.41	0	51.95	16.44	27.4	0	233.7	35.62	0	161.94	
09/12/2024 15:45	10.76	0	90.81	15.49	11.28	0	51.19	16.57	27.64	0	233.22	36.24	0	164.45	
09/12/2024 15:50	11.37	0	90.83	15.46	11.27	0	54.93	16.25	29.08	0	232.2	33.87	0	164.05	
09/12/2024 15:55	11.47	0	89.02	15.5	11.37	0	52.75	16.39	29.54	0	228.58	35.09	0	162.74	
09/12/2024 16:00	10.69	0	91.1	15.49	11.39	0	51.86	16.5	27.5	0	234.2	36	0	163.89	
09/12/2024 16:05	11.18	0	92.46	15.46	11.47	0	56.76	16.17	28.56	0	236.21	33.88	0	166.44	
09/12/2024 16:10	11.32	0	91.23	15.49	11.36	0	53.3	16.39	29.13	0	234.11	35.05	0	164.28	
09/12/2024 16:15	10.74	0	91.57	15.5	10.97	0	53.47	16.43	27.71	0	235.88	34.09	0	166.2	
09/12/2024 16:20	11.34	0	91.99	15.45	11.09	0	56.21	16.17	28.93	0	234.78	32.7	0	165.23	
09/12/2024 16:25	11.4	0	90.25	15.48	11.47	0	53.72	16.32	29.26	0	231.06	34.87	0	163.14	
09/12/2024 16:30	10.8	0	92.14	15.47	11.66	0	54.61	16.31	27.66	0	235.87	35.27	0	165.24	
09/12/2024 16:35	10.91	0	92.26	15.44	11.61	0	57.43	16.05	27.78	0	234.99	33.38	0	164.52	
09/12/2024 16:40	11.16	0	91.24	15.47	11.74	0	56.32	16.08	28.58	0	233.14	33.9	0	162.52	
09/12/2024 16:45	10.49	0	93.37	15.46	11.72	0	56.75	16.12	26.82	0	238.59	34.05	0	164.88	
09/12/2024 16:50	10	0	95.65	15.43	11.11	0	62.13	15.85	25.42	0	243.12	30.76	0	170.79	
09/12/2024 16:55	9.73	0	94.95	15.44	11.18	0	61.63	15.9	24.8	0	241.66	31.1	0	171.47	
09/12/2024 17:00	9.														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
09/12/2024 18:00	11.54	0	91.27	15.45	13.09	0	58.5	15.78	29.43	0	232.8	35.53	0	158.76	
09/12/2024 18:05	11.29	0	91.79	15.42	12.47	0	60.43	15.69	28.63	0	232.77	33.31	0	161.13	
09/12/2024 18:10	11.33	0	90.55	15.43	12.45	0	59.12	15.75	28.78	0	229.86	33.57	0	159.47	
09/12/2024 18:15	11.39	0	91.27	15.44	12.61	0	59.44	15.76	29.01	0	232.44	34.12	0	160.81	
09/12/2024 18:20	12.37	0	90.9	15.42	12.41	0	60.12	15.7	31.39	0	230.71	33.19	0	160.64	
09/12/2024 18:25	12.36	0	89.31	15.43	12.73	0	58.08	15.75	31.44	0	226.89	34.39	0	156.9	
09/12/2024 18:30	11.37	0	90.41	15.44	12.94	0	57.84	15.77	28.94	0	229.99	35.04	0	156.64	
09/12/2024 18:35	11.84	0	91.47	15.41	12.4	0	60.06	15.7	29.99	0	231.71	33.16	0	160.29	
09/12/2024 18:40	11.5	0	90.45	15.42	12.49	0	58.77	15.76	29.18	0	229.18	33.8	0	159.02	
09/12/2024 18:45	11.49	0	91.18	15.44	12.42	0	59.2	15.75	29.22	0	231.95	33.55	0	159.89	
09/12/2024 18:50	12.04	0	91.27	15.42	12.24	0	59.83	15.7	30.57	0	231.68	32.69	0	159.75	
09/12/2024 18:55	12.21	0	89.98	15.44	12.53	0	58.92	15.74	31.06	0	228.76	33.77	0	158.82	
09/12/2024 19:00	11.22	0	90.73	15.43	12.58	0	58.77	15.74	28.53	0	230.74	33.91	0	158.42	
09/12/2024 19:05	12.15	0	91.38	15.42	12.39	0	60.28	15.67	30.8	0	231.75	32.96	0	160.17	
09/12/2024 19:10	12.35	0	90.65	15.43	12.68	0	59.4	15.7	31.38	0	230.1	33.89	0	158.76	
09/12/2024 19:15	11.57	0	91.11	15.43	13.09	0	59.47	15.7	29.39	0	231.49	35.03	0	159.11	
09/12/2024 19:20	11.56	0	91.43	15.41	12.55	0	60.71	15.65	29.29	0	231.61	33.25	0	160.62	
09/12/2024 19:25	11.82	0	90.25	15.42	12.54	0	59.55	15.7	29.99	0	228.92	33.55	0	159.31	
09/12/2024 19:30	11.23	0	91.28	15.43	12.53	0	59.77	15.7	28.53	0	231.79	33.53	0	159.9	
09/12/2024 19:35	11.73	0	91.58	15.41	12.31	0	60.56	15.65	29.71	0	231.89	32.6	0	160.24	
09/12/2024 19:40	11.54	0	90.7	15.42	12.67	0	59.05	15.7	29.28	0	229.85	33.87	0	157.81	
09/12/2024 19:45	11.11	0	91.45	15.42	12.95	0	59.39	15.7	28.19	0	232.08	34.65	0	158.85	
09/12/2024 19:50	12.5	0	91.44	15.42	12.55	0	61.26	15.65	31.7	0	231.84	33.27	0	162.2	
09/12/2024 19:55	12.65	0	90.73	15.43	12.44	0	59.87	15.72	32.13	0	230.42	33.37	0	160.61	
09/12/2024 20:00	11.18	0	91.47	15.42	12.53	0	59.55	15.71	28.36	0	231.94	33.56	0	159.46	
09/12/2024 20:05	11.66	0	90.92	15.4	12.15	0	60.28	15.66	29.48	0	229.88	32.23	0	159.79	
09/12/2024 20:10	11.29	0	88.6	15.42	12.34	0	58.91	15.71	28.64	0	224.43	33.05	0	157.79	
09/12/2024 20:15	11.62	0	90.53	15.42	12.2	0	58.84	15.71	29.46	0	229.47	32.66	0	157.48	
09/12/2024 20:20	11.93	0	91.48	15.41	11.98	0	60.34	15.64	30.18	0	231.5	31.71	0	159.49	
09/12/2024 20:25	11.99	0	89.7	15.42	12.14	0	59.5	15.69	30.4	0	227.31	32.41	0	158.76	
09/12/2024 20:30	11.53	0	90.17	15.42	12.08	0	59.7	15.69	29.22	0	228.55	32.24	0	159.35	
09/12/2024 20:35	11.4	0	91.49	15.4	11.91	0	60.8	15.64	28.79	0	231.07	31.47	0	160.51	
09/12/2024 20:40	11.05	0	90.45	15.4	12.23	0	59.67	15.69	27.94	0	228.49	32.64	0	159.21	
09/12/2024 20:45	11.28	0	91.66	15.42	12.53	0	59.77	15.69	28.61	0	232.54	33.46	0	159.57	
09/12/2024 20:50	11.89	0	92.43	15.41	12.05	0	61.78	15.64	30.08	0	233.88	31.83	0	163.04	
09/12/2024 20:55	11.74	0	91.42	15.41	12.1	0	60.97	15.69	29.76	0	231.52	32.26	0	162.57	
09/12/2024 21:00	10.8	0	92.78	15.41	12.14	0	61.69	15.69	27.37	0	235.07	32.38	0	164.55	
09/12/2024 21:05	11.53	0	92.95	15.4	11.79	0	62.23	15.65	29.15	0	235	31.2	0	164.65	
09/12/2024 21:10	11.79	0	91.29	15.42	11.7	0	62.54	15.7	29.92	0	231.38	31.28	0	167.16	
09/12/2024 21:15	10.95	0	94.05	15.42	12.05	0	62.64	15.69	27.77	0	238.42	32.15	0	167.19	
09/12/2024 21:20	11.34	0	94.84	15.4	11.65	0	63.71	15.64	28.67	0	239.86	30.78	0	168.24	
09/12/2024 21:25	11.53	0	93.88	15.4	11.71	0	63.03	15.68	29.17	0	237.47	31.19	0	167.8	
09/12/2024 21:30	10.49	0	95.78	15.43	11.58	0	63.94	15.68	26.64	0	243.11	30.82	0	170.19	
09/12/2024 21:35	10.99	0	96.68	15.41	11.38	0	65.51	15.62	27.81	0	244.58	29.98	0	172.43	
09/12/2024 21:40	11.22	0	95.63	15.42	11.57	0	64.17	15.67	28.45	0	242.31	30.77	0	170.66	
09/12/2024 21:45	10.32	0	97.17	15.42	11.73	0	64.34	15.67	26.19	0	246.53	31.21	0	171.12	
09/12/2024 21:50	10.2	0	98.13	15.4	11.33	0	65.47	15.64	25.79	0	248.07	29.97	0	173.02	
09/12/2024 21:55	10.08	0	97.1	15.41	11.58	0	63.18	15.71	25.51	0	245.6	31.03	0	169.27	
09/12/2024 22:00	10.11	0	95.94	15.42	11.63	0	63.66	15.72	25.66	0	243.35	31.18	0	170.72	
09/12/2024 22:05	10.51	0	96.95	15.4	11.33	0	65.44	15.65	26.58	0	245.14	30.02	0	173.21	
09/12/2024 22:10	10.2	0	95.97	15.41	11.47	0	64.4	15.7	25.82	0	242.81	30.65	0	172.04	
09/12/2024 22:15	10.22	0	96.3	15.42	11.36	0	65.17	15.7	25.96	0	244.41	30.36	0	174.21	
09/12/2024 22:20	10.38	0	97.73	15.41	11.17	0	65.95	15.65	26.25	0	247.29	29.57	0	174.52	
09/12/2024 22:25	10.6	0	97.22	15.42	11.4	0	65.49	15.69	26.89	0	246.36	30.39	0	174.66	
09/12/2024 22:30	10.36	0	96.18	15.42	11.31	0	65.72	15.69	26.28	0	243.94	30.18	0	175.3	
09/12/2024 22:35	11.03	0	96.34	15.41	11.18	0	66.79	15.64	27.9	0	243.78	29.55	0	176.43	
09/12/2024 22:40	10.83	0	96.5	15.4	11.53	0	65.15	15.7	27.39	0	244.09	30.79	0	174.02	
09/12/2024 22:45	10.57	0	95.44	15.43	11.47	0	66.09	15.71	26.88	0	242.61	30.7	0	176.94	
09/12/2024 22:50	11.45	0	95.49	15.42	11.35	0	66.18	15.66	29.03	0	242.07	30.1	0	175.37	
09/12/2024 22:55	11.7	0	94.42	15.43	11.44	0	63.87	15.72	29.73	0	239.74	30.73	0	171.48	
09/12/2024 23:00	10.4	0	95.28	15.43	11.61	0	63.55	15.72	26.45	0	242.09	31.14	0	170.43	
09/12/2024 23:05	10.72	0	95.98	15.41	11.4	0	64.66	15.66	27.12	0	242.83	30.23	0	171.37	
09/12/2024 23:10	10.99	0	95.05	15.42	11.65	0	63.27	15.68	27.88	0	240.86	31.06	0	168.62	
09/12/2024 23:15	10.54	0	95.44	15.42	11.72	0	63.52	15.68	26.74	0	242.18	31.23	0	169.27	
09/12/2024 23:20	10.82	0	95.83	15.41	11.49	0	64.68	15.63	27.37	0	242.47	30.28	0	170.38	
09/12/2024 23:25	10.83	0	95.01	15.4	11.79	0	64.16	15.64	27.39	0	240.31	31.17	0	169.69	
09/12/2024 23:30	10.62	0	95.49	15.42	11.92	0	64.08	15.64	26.96	0	242.34	31.52	0	169.4	
09/12/2024 23:35	10.82	0	96.34	15.41	11.46	0	65.42	15.61	27.38	0	243.89	30.12	0	171.81	
09/12/2024 23:40	10.77	0	95.57	15.42	11.51	0	63.85	15.65	27.3	0	242.19	30.47	0	169	
09/12/2024 23:45	10.57	0	95.58	15.41	11.33	0	63.84	15.64	26.78	0	242.17	29.95	0	168.78	
09/12/2024 23:50	10.39	0	95.37	15.39	8.48	5.91	168.59	15.73	26.22	0	240.79	22.65	16.2	457.93	
09/12/2024 23:55	9.89	0.41	101.33	15.41	6	11.97	264.22	15.89	25	1.14	257.92	16.64	33.18	732.4	
10/12/2024 00:00	10.16	0	96.18	15.42	6.34	11.91	264.22	15.89	25.74	0	243.79	17.59	33.03	732.7	
10/12/2024 00:05	11.04	0	95.04	15.4	6.32	11.39	258.3	15.85	27.93	0	240.34	17.39	31.39	711.17	
10/12/2024 00:10	11.39	0.36	100.3	15.42	6.02	11.56	264.48	15.89	28.85	1	255.8	16.69	32.04	733.17	
10/12/2024 00:15	10.07	0	95.93	15.43	6.23	11.16	264.48	15.89	25.55	0	243.61	17.29	30.95	733.43	
10/12/2024 00:20	10.78	0	95.23	15.41	6.17	11.17	258.88	15.84	27.26	0	240.92	16.92	30.71	712.34	
10/12/2024 00:25	10.67	0.42	101.36	15.42	6.02	11.54	264.91	15.9	27.04	1.18</					



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
10/12/2024 01:30	10.51	0	95.73	15.43	5.97	11.82	264.47	15.91	26.67	0	243.19	16.61	32.9	736.14	
10/12/2024 01:35	11.21	0	94.99	15.41	6.16	10.93	262.42	15.85	28.37	0	240.41	16.9	30.16	722.47	
10/12/2024 01:40	11.17	0	95.66	15.4	6.05	11.78	265.2	15.89	28.26	0	241.96	16.8	32.68	735.7	
10/12/2024 01:45	9.95	0.4	107.04	15.44	6.03	12.26	265.2	15.9	25.29	1.1	273.71	16.77	34.08	737.5	
10/12/2024 01:50	10.98	0	95.44	15.41	6.25	11.1	261.25	15.85	27.8	0	241.65	17.14	30.62	719.34	
10/12/2024 01:55	11.08	0	101.18	15.41	5.96	11.62	264.44	15.89	28.05	0	256.14	16.54	32.26	734.15	
10/12/2024 02:00	10.45	0.13	94.82	15.43	6.13	12.02	264.44	15.9	26.54	0.35	241.22	17.04	33.44	735.6	
10/12/2024 02:05	11.5	0	92.29	15.4	6.36	11.08	258.98	15.85	29.06	0	233.33	17.47	30.61	714.45	
10/12/2024 02:10	11.61	0.37	97.66	15.42	6.04	11.55	265.47	15.89	29.41	1.04	249.12	16.78	32.07	737.03	
10/12/2024 02:15	4.22	2.2	216.1	15.63	6.25	11.26	265.47	15.9	11.14	5.83	569.73	17.38	31.29	738	
10/12/2024 02:20	5.29	2.49	212.16	15.6	5.91	10.72	263.62	15.85	13.87	6.54	556.27	16.3	29.58	726.46	
10/12/2024 02:25	5.56	2.53	213.6	15.6	6.04	10.9	265.5	15.89	14.58	6.64	559.71	16.75	30.24	736.46	
10/12/2024 02:30	4.44	2.78	220.81	15.62	6.03	11.46	265.5	15.9	11.69	7.35	581.76	16.75	31.83	737.4	
10/12/2024 02:35	5.07	3.36	220.47	15.61	5.79	11.17	263.79	15.85	13.31	8.83	578.96	15.94	30.76	726.17	
10/12/2024 02:40	5.16	3.78	222.47	15.62	5.93	12.06	265.09	15.88	13.58	9.98	585.46	16.45	33.41	734.67	
10/12/2024 02:45	4.45	3.21	223.49	15.63	6.23	11.99	265.09	15.89	11.73	8.48	589.49	17.29	33.26	735.35	
10/12/2024 02:50	4.92	2.78	218.1	15.61	5.8	11.27	256.49	15.84	12.93	7.3	573.01	15.96	31.02	705.16	
10/12/2024 02:55	4.97	2.78	217.49	15.61	6.03	11.82	250.78	15.87	13.07	7.35	572.13	16.66	32.68	693.29	
10/12/2024 03:00	4.21	2.87	222.49	15.63	6.25	12.07	250.78	15.88	11.1	7.56	586.38	17.3	33.4	694.13	
10/12/2024 03:05	4.97	3.67	224.8	15.62	5.89	11.48	256.72	15.84	13.08	9.65	591.32	16.17	31.54	704.77	
10/12/2024 03:10	5.08	3.83	225.69	15.61	5.94	12.67	264.33	15.88	13.35	10.07	593.47	16.44	35.08	731.87	
10/12/2024 03:15	10.4	0.33	100.95	15.43	6.09	10.91	264.33	15.87	26.4	0.91	257.77	16.82	30.13	729.81	
10/12/2024 03:20	11.46	0	93.21	15.4	6.39	10.1	258.15	15.81	28.94	0	235.4	17.4	27.73	706.74	
10/12/2024 03:25	11.56	0	99.13	15.39	6.1	11	264.5	15.87	29.18	0	250.16	16.84	30.37	730.59	
10/12/2024 03:30	10.63	0.28	94.66	15.43	6.09	10.74	264.5	15.87	26.99	0.76	241.17	16.85	29.7	731.42	
10/12/2024 03:35	11.72	0	90.98	15.4	6.4	4.81	210.62	15.79	29.63	0	229.92	17.35	13.31	575.2	
10/12/2024 03:40	11.61	0	94.27	15.41	5.92	0	173.33	15.81	29.36	0	239.43	16.19	0	473.8	
10/12/2024 03:45	10.56	0	93.92	15.42	5.92	0	178.67	15.82	26.78	0	238.89	16.21	0	489.07	
10/12/2024 03:50	11.38	0	92	15.4	6.14	0	175.3	15.78	28.73	0	232.32	16.64	0	476.86	
10/12/2024 03:55	11.28	0	95.12	15.41	5.94	0.02	173.85	15.84	28.53	0	241.45	16.33	0.06	477.68	
10/12/2024 04:00	10.65	0	91.74	15.42	6	0	172.67	15.85	26.99	0	232.57	16.5	0	474.98	
10/12/2024 04:05	11.68	0	91.56	15.4	8.81	0	117.5	15.7	29.51	0	231.39	23.37	0	318.21	
10/12/2024 04:10	11.6	0	90.87	15.4	11.61	0	62.8	15.66	29.33	0	229.73	30.79	0	166.51	
10/12/2024 04:15	10.9	0	91.72	15.42	11.69	0	62.58	15.66	27.64	0	232.48	31	0	165.98	
10/12/2024 04:20	11.07	0	92.76	15.4	11.5	0	63.42	15.61	27.96	0	234.36	30.25	0	166.69	
10/12/2024 04:25	10.91	0	93.45	15.4	11.7	0	61.18	15.66	27.56	0	236.11	31.04	0	162.31	
10/12/2024 04:30	10.79	0	90.86	15.42	11.89	0	61.63	15.65	27.36	0	230.34	31.5	0	163.26	
10/12/2024 04:35	11.65	0	92.36	15.4	11.58	0	63.18	15.6	29.45	0	233.46	30.39	0	165.62	
10/12/2024 04:40	11.91	0	91.27	15.4	11.66	0	61.86	15.63	30.1	0	230.73	30.79	0	163.3	
10/12/2024 04:45	10.92	0	91.57	15.42	12.06	0	62.03	15.64	27.71	0	232.22	31.86	0	163.85	
10/12/2024 04:50	11.28	0	91.87	15.4	11.62	0	63.16	15.59	28.5	0	232.14	30.42	0	165.23	
10/12/2024 04:55	11.23	0	90.8	15.41	11.49	0	62.26	15.62	28.43	0	229.7	30.27	0	164.05	
10/12/2024 05:00	11.05	0	92.02	15.41	11.69	0	61.81	15.63	27.98	0	233.02	30.82	0	162.98	
10/12/2024 05:05	11.4	0	92.67	15.4	11.43	0	63.05	15.59	28.81	0	234.06	29.95	0	165	
10/12/2024 05:10	11.36	0	91.57	15.41	11.71	0	61.49	15.63	28.73	0	231.52	30.89	0	162.2	
10/12/2024 05:15	10.94	0	91.88	15.41	11.45	0	61.75	15.63	27.71	0	232.74	30.23	0	163.01	
10/12/2024 05:20	11.6	0	92.11	15.4	11.36	0	63.13	15.59	29.32	0	232.77	29.74	0	165.09	
10/12/2024 05:25	11.63	0	91.04	15.4	11.73	0	62.03	15.63	29.43	0	230.2	30.94	0	163.54	
10/12/2024 05:30	10.82	0	91.84	15.41	11.86	0	61.61	15.63	27.41	0	232.53	31.28	0	162.49	
10/12/2024 05:35	11.47	0	91.9	15.4	11.53	0	63.29	15.59	28.97	0	232.06	30.18	0	165.62	
10/12/2024 05:40	11.55	0	91	15.4	11.45	0	62.88	15.63	29.19	0	229.95	30.17	0	165.71	
10/12/2024 05:45	10.98	0	92.36	15.42	11.58	0	63.25	15.63	27.83	0	234.06	30.55	0	166.92	
10/12/2024 05:50	11.45	0	92.04	15.4	11.46	0	63.99	15.58	28.93	0	232.57	29.96	0	167.21	
10/12/2024 05:55	11.56	0	90.67	15.41	11.7	0	62.02	15.62	29.26	0	229.31	30.8	0	163.24	
10/12/2024 06:00	11.03	0	91.62	15.41	12.17	0	62.27	15.62	27.94	0	232.01	32.05	0	163.98	
10/12/2024 06:05	11.12	0	92.03	15.39	11.64	0	63.6	15.58	28.07	0	232.26	30.43	0	166.13	
10/12/2024 06:10	11.03	0	90.68	15.4	11.47	0	62.42	15.62	27.87	0	229.02	30.18	0	164.29	
10/12/2024 06:15	10.82	0	92.18	15.41	11.92	0	62.06	15.62	27.39	0	233.32	31.4	0	163.44	
10/12/2024 06:20	11.44	0	92.85	15.39	11.52	0	63.6	15.58	28.89	0	234.38	30.1	0	166.02	
10/12/2024 06:25	11.45	0	93.05	15.39	11.6	0	62.36	15.61	28.91	0	234.89	30.49	0	163.98	
10/12/2024 06:30	10.93	0	91.56	15.41	11.69	0	62.55	15.62	27.69	0	231.87	30.77	0	164.67	
10/12/2024 06:35	11.5	0	92.67	15.4	11.47	0	63.81	15.58	29.04	0	234.09	30	0	166.77	
10/12/2024 06:40	11.48	0	91.51	15.4	11.7	0	62	15.63	29.01	0	231.15	30.84	0	163.46	
10/12/2024 06:45	11.06	0	91.71	15.41	11.77	0	62.17	15.63	28.02	0	232.27	31	0	163.83	
10/12/2024 06:50	11.52	0	92.8	15.4	11.52	0	62.96	15.59	29.1	0	234.38	30.17	0	164.85	
10/12/2024 06:55	11.55	0	92.01	15.4	11.73	0	62.2	15.63	29.2	0	232.58	30.93	0	163.98	
10/12/2024 07:00	10.87	0	92.02	15.41	11.98	0	62.22	15.63	27.53	0	232.98	31.63	0	164.19	
10/12/2024 07:05	11.4	0	92.38	15.4	11.7	0	63.29	15.59	28.79	0	233.34	30.62	0	165.44	
10/12/2024 07:10	11.39	0	91.34	15.4	11.72	0	61.93	15.62	28.8	0	230.83	30.89	0	163.18	
10/12/2024 07:15	11.02	0	92.14	15.42	11.83	0	62.31	15.63	27.94	0	233.54	31.19	0	164.3	
10/12/2024 07:20	11.64	0	92.04	15.41	11.57	0	62.7	15.6	29.44	0	232.85	30.32	0	164.26	
10/12/2024 07:25	11.79	0	90.76	15.41	11.76	0	61.85	15.63	29.87	0	229.79	31.04	0	163.29	
10/12/2024 07:30	11.03	0	91.66	15.41	11.77	0	61.52	15.63	27.92	0	232.07	31.05	0	162.34	
10/12/2024 07:35	11.86	0	91.93	15.4	11.63	0	63.05	15.58	29.97	0	232.36	30.42	0	164.76	
10/12/2024 07:40	12.2	0	90.86	15.41	11.73	0	61.95	15.61	30.89	0	229.9	30.8	0	162.76	
10/12/2024 07:45	11.09	0	91.71	15.41	11.77	0	61.78	15.62	28.08	0	232.26	30.95	0	162.51	
10/12/2024 07:50	11.81	0	91.02	15.4	11.57	0									



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/12/2024 09:00	10.83	0	89.95	15.42	11.78	0	60.52	15.65	27.47	0	228.05	31.18	0	160.17	
10/12/2024 09:05	11.32	0	89.97	15.4	11.62	0	61.96	15.6	28.59	0	227.35	30.48	0	162.41	
10/12/2024 09:10	11.13	0	89.27	15.4	11.81	0	59.84	15.65	28.1	0	225.48	31.27	0	158.52	
10/12/2024 09:15	11.14	0	89.47	15.43	11.78	0	59.88	15.65	28.28	0	227.11	31.19	0	158.53	
10/12/2024 09:20	11.38	0	88.78	15.4	11.77	0	60.16	15.61	28.78	0	224.5	30.95	0	158.09	
10/12/2024 09:25	11.09	0	87.06	15.41	12.45	0	58.03	15.65	28.08	0	220.27	32.97	0	153.73	
10/12/2024 09:30	11.45	0	89.98	15.42	12.81	0	59.03	15.66	29.03	0	228.14	33.99	0	156.62	
10/12/2024 09:35	11.74	0	90.26	15.4	12.29	0	60.54	15.62	29.69	0	228.15	32.34	0	159.26	
10/12/2024 09:40	11.79	0	89.13	15.41	12.31	0	58.88	15.64	29.84	0	225.41	32.54	0	155.72	
10/12/2024 09:45	11.45	0	89.18	15.42	12.05	0	58.91	15.64	29.02	0	226.09	31.86	0	155.78	
10/12/2024 09:50	11.49	0	89.54	15.4	11.77	0	60.09	15.62	29.04	0	226.3	31	0	158.18	
10/12/2024 09:55	11.6	0	88.56	15.41	12.01	0	58.4	15.7	29.38	0	224.12	32.1	0	156.06	
10/12/2024 10:00	10.82	0	89.64	15.42	12.23	0	58.67	15.69	27.44	0	227.2	32.65	0	156.6	
10/12/2024 10:05	11.11	0	89.7	15.4	11.78	0	60.57	15.63	28.1	0	226.81	31.09	0	159.62	
10/12/2024 10:10	10.87	0	88.41	15.41	11.98	0	59.02	15.68	27.52	0	223.71	31.93	0	157.27	
10/12/2024 10:15	10.89	0	90.18	15.42	11.88	0	58.73	15.68	27.63	0	228.82	31.61	0	156.34	
10/12/2024 10:20	10.99	0	90.14	15.41	11.54	0	60.2	15.64	27.8	0	228.04	30.48	0	158.92	
10/12/2024 10:25	10.76	0	89.05	15.41	11.94	0	59.07	15.69	27.26	0	225.39	31.86	0	157.58	
10/12/2024 10:30	10.63	0	90.08	15.43	12.14	0	59.33	15.69	26.99	0	228.75	32.37	0	158.16	
10/12/2024 10:35	10.96	0	90.3	15.41	11.87	0	60.42	15.65	27.76	0	228.67	31.44	0	159.95	
10/12/2024 10:40	10.89	0	90.25	15.41	11.79	0	59.49	15.73	27.58	0	228.54	31.7	0	160	
10/12/2024 10:45	11.08	0	88.66	15.44	11.97	0	59.52	15.74	28.21	0	225.6	32.26	0	160.44	
10/12/2024 10:50	11.17	0	90.02	15.41	11.64	0	60.08	15.72	28.3	0	228.07	31.24	0	161.01	
10/12/2024 10:55	11.29	0	89.16	15.43	11.61	0	58.06	15.86	28.69	0	226.31	32.02	0	160.06	
10/12/2024 11:00	10.46	0	89.54	15.44	11.52	0	58.34	15.86	26.6	0	227.74	31.74	0	160.79	
10/12/2024 11:05	11.05	0	90.3	15.41	11.33	0	59.76	15.77	27.97	0	228.63	30.73	0	161.86	
10/12/2024 11:10	10.48	0	90.36	15.4	11.88	0	57.7	15.83	26.51	0	228.49	32.59	0	158.3	
10/12/2024 11:15	10.84	0	88.32	15.44	11.95	0	57.88	15.82	27.59	0	224.64	32.71	0	158.37	
10/12/2024 11:20	11.27	0	88.8	15.41	11.79	0	60.08	15.75	28.57	0	225.04	31.81	0	162.04	
10/12/2024 11:25	11.14	0	88.3	15.41	11.68	0	58.85	15.8	28.21	0	223.59	31.81	0	160.33	
10/12/2024 11:30	10.37	0	87.74	15.44	11.53	0	58.66	15.77	26.41	0	223.18	31.27	0	159.04	
10/12/2024 11:35	11.79	0	89.53	15.42	11.44	0	60.25	15.71	29.91	0	227.07	30.67	0	161.32	
10/12/2024 11:40	11.86	0	88.58	15.43	11.75	0	59.18	15.77	30.15	0	224.96	31.82	0	160.29	
10/12/2024 11:45	10.36	0	88.8	15.43	12.13	0	60.45	15.74	26.34	0	225.64	32.66	0	162.82	
10/12/2024 11:50	11.45	0	89.67	15.42	11.62	0	61.03	15.7	29.03	0	227.48	31.07	0	163.08	
10/12/2024 11:55	11.75	0	89.02	15.42	11.84	0	58.94	15.79	29.82	0	225.95	32.22	0	160.38	
10/12/2024 12:00	10.72	0	88.26	15.45	11.69	0	59.88	15.79	27.36	0	225.06	31.79	0	162.84	
10/12/2024 12:05	11.39	0	89.17	15.43	11.51	0	60.64	15.72	28.93	0	226.48	30.92	0	162.68	
10/12/2024 12:10	11.03	0	88.8	15.42	11.83	0	59.1	15.75	27.98	0	225.25	31.94	0	159.53	
10/12/2024 12:15	10.66	0	88	15.44	12.5	0	59.34	15.73	27.17	0	224.22	33.62	0	159.59	
10/12/2024 12:20	11.49	0	88.8	15.43	11.76	0	60.16	15.69	29.2	0	225.61	31.36	0	160.27	
10/12/2024 12:25	11.64	0	87.82	15.44	11.94	0	59.25	15.71	29.62	0	223.41	31.95	0	158.57	
10/12/2024 12:30	10.69	0	88.61	15.44	12.34	0	59.28	15.69	27.25	0	225.74	32.93	0	158.13	
10/12/2024 12:35	11.58	0	89.79	15.43	11.88	0	60.07	15.65	29.44	0	228.37	31.47	0	159.03	
10/12/2024 12:40	11.47	0	89.26	15.44	11.81	0	58.69	15.67	29.2	0	227.16	31.41	0	156.07	
10/12/2024 12:45	10.86	0	88.22	15.44	11.56	0	58.06	15.66	27.66	0	224.67	30.65	0	153.91	
10/12/2024 12:50	11.15	0	88.04	15.43	11.3	0	59.3	15.65	28.34	0	223.86	29.94	0	157	
10/12/2024 12:55	11.15	0	87.15	15.44	11.8	0	58.76	15.74	28.42	0	221.92	31.75	0	158.18	
10/12/2024 13:00	10.8	0	88.83	15.45	11.53	0	59.22	15.72	27.55	0	226.45	30.93	0	158.82	
10/12/2024 13:05	11.18	0	89.83	15.43	11.19	0	60.08	15.69	28.41	0	228.28	29.85	0	160.11	
10/12/2024 13:10	11.22	0	89.12	15.43	12	0	58.88	15.78	28.51	0	226.44	32.59	0	159.93	
10/12/2024 13:15	10.35	0	88.4	15.46	12.88	0	58.3	15.77	26.47	0	225.81	34.9	0	158.02	
10/12/2024 13:20	10.76	0	89.14	15.44	11.97	0	59.67	15.71	27.4	0	227.08	32.1	0	159.66	
10/12/2024 13:25	10.66	0	87.78	15.45	11.54	0	59.42	15.73	27.22	0	223.91	31.03	0	159.67	
10/12/2024 13:30	10.29	0	89	15.46	12.03	0	60.75	15.72	26.3	0	227.37	32.29	0	163.03	
10/12/2024 13:35	10.8	0	90	15.44	11.74	0	60.44	15.74	27.5	0	229.24	31.62	0	162.66	
10/12/2024 13:40	10.83	0	89.07	15.45	11.8	0	57.12	15.86	27.65	0	227.12	32.58	0	157.66	
10/12/2024 13:45	10.33	0	89.04	15.46	12.16	0	57.73	15.86	26.41	0	227.49	33.5	0	159.11	
10/12/2024 13:50	10.71	0	89.92	15.44	11.55	0	58.7	15.8	27.3	0	229.1	31.53	0	160.02	
10/12/2024 13:55	10.64	0	88.73	15.46	11.4	0	57.99	15.88	27.17	0	226.44	31.6	0	160.55	
10/12/2024 14:00	9.88	0	90.81	15.47	10.3	0	60.47	15.82	25.28	0	232.25	28.16	0	165.36	
10/12/2024 14:05	10.55	0	91.55	15.45	10.51	0	60.66	15.86	26.88	0	233.34	29.01	0	167.07	
10/12/2024 14:10	10.53	0	90.45	15.44	10.58	0	57.06	16.16	26.83	0	230.44	31.08	0	167.36	
10/12/2024 14:15	9.88	0	90.8	15.47	9.88	0	56.84	16.14	25.34	0	232.61	28.84	0	166.02	
10/12/2024 14:20	10.44	0	91.31	15.44	10.61	0	59.27	16	26.6	0	232.66	30.08	0	167.69	
10/12/2024 14:25	10.39	0	91.2	15.44	10.94	0	56.53	16.18	26.47	0	232.34	32.23	0	166.64	
10/12/2024 14:30	9.78	0	90.38	15.49	10.97	0	56	16.22	25.17	0	231.94	32.6	0	166.45	
10/12/2024 14:35	10.4	0	93.13	15.45	10.56	0	58.8	16.04	26.51	0	237.35	30.28	0	167.9	
10/12/2024 14:40	10.3	0	92.49	15.44	11.04	0	55.49	16.2	26.23	0	235.61	32.73	0	164.3	
10/12/2024 14:45	10	0	89.85	15.49	11.92	0	55.61	16.25	25.73	0	230.69	35.67	0	166.4	
10/12/2024 14:50	10.33	0	91.08	15.45	11.26	0	58.18	16.1	26.35	0	232.22	32.7	0	168.03	
10/12/2024 14:55	10.28	0	90.78	15.45	10.57	0	53.97	16.35	26.21	0	231.4	32.36	0	164.93	
10/12/2024 15:00	9.8	0	90.66	15.5	10.02	0	53.28	16.45	25.25	0	232.97	31.32	0	166.6	
10/12/2024 15:05	10.44	0	92.16	15.45	10.24	0	57.05	16.15	26.63	0	235.09	30.06	0	166.75	
10/12/2024 15:10	10.47	0	91.09	15.48	10.67	0	56.34	16.21	26.85	0	233.16	31.64	0	166.98	
10/12/2024 15:15	9.57	0	93.75	15.46	10.36	0	57.36	16.19	24.49	0	239.74	30.6	0	169.41	
10/12/2024 15:20	9.97	0	94.62	15.45	10.18	0	61	16.03	25.42	0	241.21	29.11	0	173.65	
10/12/2024 15:25	9.98	0	93.39	15.45	10.33	0	56.78	16.28	25.45	0	238.04	31.1	0	170.69	
10/12/2024 15:30	9.61	0	92.63	15.49	10.										



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
10/12/2024 16:30	9.66	0	91.87	15.47	11.33	0	56.7	16.21	24.79	0	235.01	33.57	0	168.03	
10/12/2024 16:35	10.39	0	93.47	15.43	10.84	0	59	16.04	26.4	0	237.54	31.08	0	168.41	
10/12/2024 16:40	10.42	0	92.36	15.46	10.62	0	55.06	16.26	26.62	0	235.48	31.82	0	164.9	
10/12/2024 16:45	9.82	0	91.82	15.45	9.2	0	54.33	16.31	25.04	0	234.12	27.89	0	164.67	
10/12/2024 16:50	10.41	0	91.56	15.43	10.32	0	58.23	16.01	26.45	0	232.55	29.3	0	165.48	
10/12/2024 16:55	10.36	0	90.25	15.44	10.94	0	57.81	15.97	26.4	0	229.69	30.88	0	162.89	
10/12/2024 17:00	10.18	0	90.92	15.46	11.17	0	58.47	15.93	26.02	0	232.06	31.24	0	163.51	
10/12/2024 17:05	10.68	0	92.41	15.43	10.66	0	59.45	15.9	27.12	0	234.68	29.65	0	165.11	
10/12/2024 17:10	10.64	0	91.26	15.46	10.91	0	56.16	16.19	27.19	0	232.62	32.24	0	165.89	
10/12/2024 17:15	10.18	0	92.01	15.44	11.31	0	55.88	16.3	25.95	0	234.42	34.16	0	168.73	
10/12/2024 17:20	10.72	0	91.29	15.42	11.41	0	59.36	15.92	27.19	0	231.63	32.02	0	165.93	
10/12/2024 17:25	10.56	0	91.17	15.42	11.48	0	61.56	15.56	26.79	0	231.2	29.9	0	160.33	
10/12/2024 17:30	10.11	0	91.73	15.43	11.28	0	62.14	15.58	25.71	0	233.23	29.45	0	162.21	
10/12/2024 17:35	10.45	0	93.98	15.42	11.19	0	63.66	15.57	26.5	0	238.4	29.18	0	165.99	
10/12/2024 17:40	10.31	0	94.38	15.42	11.81	0	60.27	15.79	26.16	0	239.4	32.11	0	163.82	
10/12/2024 17:45	10.49	0	91.73	15.45	12.14	0	59.88	15.85	26.76	0	233.71	33.42	0	164.8	
10/12/2024 17:50	10.75	0	92.89	15.42	11.72	0	61.85	15.75	27.28	0	235.63	31.71	0	166.89	
10/12/2024 17:55	10.61	0	92.32	15.42	11.12	0	59.99	15.86	26.9	0	234.13	30.68	0	165.45	
10/12/2024 18:00	9.81	0	93.13	15.44	10.78	0	60.17	15.88	25	0	237.16	29.86	0	166.65	
10/12/2024 18:05	9.91	0	93.19	15.41	11.09	0	62.79	15.72	25.1	0	236.09	29.78	0	168.45	
10/12/2024 18:10	9.52	0	92.81	15.41	11.39	0	62.36	15.67	24.08	0	234.9	30.26	0	165.72	
10/12/2024 18:15	9.83	0	92.24	15.44	12.13	0	62.08	15.69	25.01	0	234.53	32.34	0	165.59	
10/12/2024 18:20	10.55	0	93.97	15.42	11.76	0	63.61	15.63	26.77	0	238.38	31.03	0	167.66	
10/12/2024 18:25	10.39	0	94.28	15.42	11.74	0	63.02	15.65	26.36	0	239.23	31.12	0	166.96	
10/12/2024 18:30	10.44	0	92.29	15.44	12.56	0	63.09	15.68	26.57	0	234.7	33.42	0	167.85	
10/12/2024 18:35	11.28	0	92.61	15.42	12.08	0	63.69	15.63	28.64	0	235.08	31.86	0	167.95	
10/12/2024 18:40	11.69	0	92.33	15.43	12.19	0	60.92	15.65	29.69	0	234.54	32.3	0	161.41	
10/12/2024 18:45	10.46	0	90.85	15.44	12	0	60.38	15.65	26.61	0	230.98	31.74	0	159.71	
10/12/2024 18:50	10.5	0	92.25	15.41	11.77	0	62.1	15.6	26.59	0	233.67	30.88	0	162.81	
10/12/2024 18:55	10.09	0	90.88	15.41	11.72	0	61.24	15.62	25.55	0	229.99	30.86	0	161.3	
10/12/2024 19:00	10.44	0	91.28	15.43	11.97	0	61.22	15.64	26.52	0	231.79	31.6	0	161.65	
10/12/2024 19:05	11.59	0	92.19	15.41	11.64	0	62.53	15.58	29.37	0	233.56	30.44	0	163.41	
10/12/2024 19:10	12.05	0	92.48	15.41	11.97	0	61.48	15.62	30.52	0	234.33	31.53	0	161.98	
10/12/2024 19:15	10.74	0	90.54	15.43	11.31	0	61.25	15.63	27.28	0	229.78	29.84	0	161.59	
10/12/2024 19:20	11.85	0	90.88	15.41	11.56	0	62.45	15.59	30	0	230	30.22	0	163.26	
10/12/2024 19:25	11.81	0	89.41	15.4	11.97	0	61.12	15.63	29.88	0	226.15	31.57	0	161.14	
10/12/2024 19:30	10.88	0	91.72	15.43	11.5	0	60.33	15.64	27.64	0	232.87	30.38	0	159.39	
10/12/2024 19:35	11.25	0	92.7	15.41	11.31	0	61.56	15.59	28.49	0	234.66	29.61	0	161.07	
10/12/2024 19:40	11.25	0	91.53	15.42	11.97	0	60.25	15.64	28.52	0	231.89	31.62	0	159.21	
10/12/2024 19:45	10.85	0	90.34	15.43	11.94	0	59.44	15.66	27.59	0	229.56	31.67	0	157.7	
10/12/2024 19:50	10.95	0	92.02	15.41	11.86	0	61.66	15.6	27.7	0	232.91	31.14	0	161.73	
10/12/2024 19:55	11.03	0	92.48	15.41	12.27	0	61.35	15.64	27.92	0	234.07	32.4	0	162.03	
10/12/2024 20:00	10.98	0	90.26	15.44	12.39	0	61.09	15.65	27.94	0	229.58	32.81	0	161.75	
10/12/2024 20:05	11.35	0	90.36	15.41	12.17	0	61.43	15.61	28.74	0	228.83	31.96	0	161.23	
10/12/2024 20:10	11.05	0	90.19	15.4	12.57	0	59.3	15.64	27.94	0	228.12	33.23	0	156.8	
10/12/2024 20:15	11.17	0	88.22	15.43	12.61	0	59.13	15.65	28.38	0	223.99	33.4	0	156.63	
10/12/2024 20:20	11.43	0	89.79	15.4	12.37	0	60.56	15.6	28.91	0	227.03	32.45	0	158.79	
10/12/2024 20:25	11.77	0	88.85	15.41	12.62	0	60.06	15.63	29.8	0	224.84	33.26	0	158.29	
10/12/2024 20:30	11.13	0	89.65	15.43	12.81	0	60.7	15.64	28.26	0	227.59	33.83	0	160.29	
10/12/2024 20:35	11.47	0	90.93	15.41	12.33	0	62.24	15.6	29.02	0	230.14	32.33	0	163.18	
10/12/2024 20:40	11.34	0	91.33	15.4	12.56	0	60.15	15.62	28.69	0	231.01	33.09	0	158.49	
10/12/2024 20:45	11.18	0	89.83	15.42	12.72	0	60.52	15.64	28.37	0	227.92	33.58	0	159.79	
10/12/2024 20:50	11.14	0	91.82	15.4	12.36	0	62.16	15.59	28.16	0	232.1	32.36	0	162.6	
10/12/2024 20:55	11.03	0	92.09	15.4	12.29	0	60.64	15.62	27.86	0	232.61	32.38	0	159.71	
10/12/2024 21:00	10.91	0	90.45	15.42	12.7	0	61.25	15.63	27.7	0	229.41	33.51	0	161.59	
10/12/2024 21:05	11.86	0	90.83	15.4	12.36	0	62.26	15.59	29.99	0	229.74	32.35	0	162.88	
10/12/2024 21:10	12.06	0	89.12	15.41	12.62	0	60.77	15.63	30.57	0	225.67	33.26	0	160.2	
10/12/2024 21:15	11.12	0	90.93	15.42	12.98	0	60.58	15.64	28.2	0	230.49	34.31	0	160.05	
10/12/2024 21:20	11.69	0	91.8	15.41	12.61	0	62.05	15.59	29.57	0	232.26	33	0	162.32	
10/12/2024 21:25	11.94	0	90.85	15.41	12.44	0	60.93	15.61	30.25	0	230.13	32.7	0	160.18	
10/12/2024 21:30	10.71	0	90.88	15.42	12.75	0	61.44	15.62	27.18	0	230.37	33.57	0	161.75	
10/12/2024 21:35	11.18	0	91.8	15.4	12.34	0	62.66	15.59	28.26	0	232.05	32.28	0	163.79	
10/12/2024 21:40	11.28	0	90.62	15.41	12.3	0	61.12	15.63	28.56	0	229.34	32.41	0	161.1	
10/12/2024 21:45	10.69	0	91.36	15.41	12.81	0	61.8	15.64	27.1	0	231.5	33.88	0	163.42	
10/12/2024 21:50	10.97	0	92.14	15.4	12.22	0	62.72	15.59	27.72	0	232.92	32.02	0	164.11	
10/12/2024 21:55	10.5	0	91.09	15.4	12.51	0	61.06	15.63	26.52	0	230.09	32.97	0	160.93	
10/12/2024 22:00	10.45	0	90.9	15.42	12.47	0	62.28	15.64	26.49	0	230.32	32.92	0	164.46	
10/12/2024 22:05	11.48	0	92.35	15.4	12.11	0	62.68	15.59	29.01	0	233.41	31.74	0	164.16	
10/12/2024 22:10	11.56	0	92.61	15.4	12.63	0	61.42	15.63	29.21	0	233.98	33.34	0	162.09	
10/12/2024 22:15	11.11	0	90.92	15.42	12.81	0	61.36	15.64	28.2	0	230.58	33.85	0	162.12	
10/12/2024 22:20	11.37	0	92.1	15.4	12.37	0	63.3	15.59	28.73	0	232.72	32.37	0	165.45	
10/12/2024 22:25	11.58	0	92.2	15.4	12.54	0	61.12	15.63	29.26	0	233.02	33.06	0	161.2	
10/12/2024 22:30	11.18	0	91.08	15.42	12.56	0	60.66	15.64	28.35	0	230.83	33.19	0	160.26	
10/12/2024 22:35	10.79	0	91.91	15.39	12.06	0	62.56	15.59	27.22	0	231.79	31.59	0	163.62	
10/12/2024 22:40	10.08	0	91.73	15.38	12.49	0	61.79	15.64	25.38	0	230.98	33.01	0	163.27	
10/12/2024 22:45	11.02	0	91.04	15.42	12.55	0	62.73	15.65	27.95	0	230.81	33.21	0	166.05	
10/12/2024 22:50	11.51	0	92.14	15.4	12.23	0	63.64	15.6	29.07	0	232.7	32.11	0	166.86	
10/12/2024 22:55	11.86	0	91.69	15.4	12.26	0	61.55	15.64	29.95	0	231.59				



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/12/2024 00:00	10.6	0	90.63	15.41	12.31	0	61.94	15.58	26.86	0	229.55	32.16	0	161.77	
11/12/2024 00:05	11.76	0	92.18	15.4	12.09	0	62.98	15.54	29.73	0	233.01	31.39	0	163.39	
11/12/2024 00:10	12.16	0	91.09	15.41	12.34	0	61.84	15.58	30.79	0	230.48	32.21	0	161.43	
11/12/2024 00:15	10.83	0	91.55	15.41	12.53	0	62.44	15.59	27.44	0	231.9	32.79	0	163.37	
11/12/2024 00:20	11.01	0	92.24	15.39	12.01	0	63.4	15.55	27.78	0	232.8	31.22	0	164.62	
11/12/2024 00:25	10.49	0	91.23	15.39	12.3	0	61.5	15.57	26.47	0	230.18	32.07	0	160.38	
11/12/2024 00:30	10.9	0	90.93	15.42	11.92	0	62.39	15.59	27.63	0	230.49	31.19	0	163.24	
11/12/2024 00:35	11.08	0	91.85	15.4	11.85	0	64.11	15.54	28	0	232.02	30.75	0	166.17	
11/12/2024 00:40	11.22	0	92.03	15.4	12.35	0	61.77	15.57	28.34	0	232.52	32.18	0	160.97	
11/12/2024 00:45	11	0	90.53	15.42	12.47	0	61.47	15.58	27.89	0	229.36	32.55	0	160.45	
11/12/2024 00:50	11.58	0	91.97	15.4	12.14	0	62.91	15.54	29.25	0	232.28	31.49	0	163.03	
11/12/2024 00:55	11.61	0	91.26	15.4	12.3	0	61.66	15.56	29.32	0	230.45	32.04	0	160.65	
11/12/2024 01:00	11	0	90.72	15.42	12.72	0	61.88	15.57	27.88	0	229.92	33.19	0	161.47	
11/12/2024 01:05	11.28	0	91.17	15.39	12.26	0	62.88	15.54	28.46	0	230.1	31.8	0	162.98	
11/12/2024 01:10	11.14	0	89.44	15.39	12.43	0	61.7	15.56	28.09	0	225.53	32.38	0	160.76	
11/12/2024 01:15	11.09	0	90.31	15.41	12.67	0	61.94	15.58	28.11	0	228.78	33.1	0	161.77	
11/12/2024 01:20	11.66	0	91.51	15.4	12.21	0	63.33	15.54	29.43	0	231.1	31.68	0	164.27	
11/12/2024 01:25	12.11	0	90.76	15.4	12.3	0	62.39	15.57	30.63	0	229.43	32.06	0	162.62	
11/12/2024 01:30	11.1	0	89.68	15.41	12.48	0	62.83	15.58	28.12	0	227.12	32.62	0	164.15	
11/12/2024 01:35	11.92	0	90.45	15.4	12.21	0	63.14	15.54	30.13	0	228.59	31.68	0	163.7	
11/12/2024 01:40	11.89	0	90.73	15.4	12.4	0	61.74	15.57	30.03	0	229.18	32.33	0	160.93	
11/12/2024 01:45	11.18	0	89.86	15.42	12.53	0	62.36	15.58	28.36	0	227.83	32.76	0	163.02	
11/12/2024 01:50	11.31	0	91.27	15.4	12.13	0	63.08	15.54	28.58	0	230.67	31.5	0	163.68	
11/12/2024 01:55	11.44	0	91.31	15.4	12.23	0	62.24	15.57	28.91	0	230.77	31.9	0	162.38	
11/12/2024 02:00	10.85	0	89.85	15.42	12.61	0	62.67	15.58	27.53	0	227.76	32.96	0	163.83	
11/12/2024 02:05	10.92	0	90.88	15.39	11.95	0	63.74	15.54	27.55	0	229.36	31.01	0	165.33	
11/12/2024 02:10	10.75	0	90.75	15.39	12.24	0	62.67	15.57	27.11	0	228.83	31.88	0	163.3	
11/12/2024 02:15	10.85	0	90.39	15.41	12.52	0	63.2	15.58	27.49	0	228.87	32.69	0	165.08	
11/12/2024 02:20	11.71	0	91.33	15.39	12.16	0	63.65	15.54	29.55	0	230.51	31.57	0	165.11	
11/12/2024 02:25	11.81	0	91.28	15.39	12.08	0	62.58	15.56	29.79	0	230.23	31.46	0	162.98	
11/12/2024 02:30	11.01	0	90.28	15.42	12.25	0	62.78	15.58	27.9	0	228.75	32	0	163.98	
11/12/2024 02:35	11.48	0	91.84	15.39	11.98	0	63.71	15.54	28.99	0	231.86	31.06	0	165.11	
11/12/2024 02:40	11.56	0	91.78	15.39	12.19	0	63.11	15.57	29.17	0	231.56	31.76	0	164.43	
11/12/2024 02:45	10.94	0	90.52	15.41	12.23	0	63.64	15.58	27.7	0	229.13	31.95	0	166.22	
11/12/2024 02:50	11.48	0	91.68	15.39	12.03	0	64.32	15.54	28.97	0	231.46	31.22	0	166.82	
11/12/2024 02:55	11.52	0	91.22	15.39	12.11	0	62.84	15.57	29.06	0	230.21	31.57	0	163.81	
11/12/2024 03:00	11.01	0	91.18	15.41	12.13	0	62.94	15.58	27.89	0	230.97	31.67	0	164.38	
11/12/2024 03:05	11.25	0	91.94	15.39	11.87	0	64	15.54	28.39	0	232.06	30.79	0	165.98	
11/12/2024 03:10	11.28	0	92.09	15.39	12.15	0	63.03	15.56	28.47	0	232.42	31.62	0	164.09	
11/12/2024 03:15	10.78	0	90.54	15.41	12.06	0	63.39	15.57	27.3	0	229.15	31.47	0	165.37	
11/12/2024 03:20	11.21	0	92.06	15.39	11.74	0	64.71	15.54	28.29	0	232.37	30.44	0	167.7	
11/12/2024 03:25	11.48	0	91.42	15.4	11.95	0	63.3	15.57	29	0	230.84	31.13	0	164.94	
11/12/2024 03:30	10.79	0	91.69	15.41	12.25	0	63.25	15.58	27.34	0	232.34	31.98	0	165.1	
11/12/2024 03:35	11.08	0	92.25	15.4	11.86	0	63.91	15.54	27.97	0	232.96	30.8	0	165.81	
11/12/2024 03:40	11.14	0	92.28	15.4	12.07	0	62.84	15.56	28.13	0	233.02	31.45	0	163.69	
11/12/2024 03:45	10.94	0	90.73	15.41	12.06	0	63.81	15.58	27.71	0	229.78	31.49	0	166.57	
11/12/2024 03:50	11.5	0	91.52	15.39	11.76	0	64.87	15.54	29.03	0	231.04	30.51	0	168.12	
11/12/2024 03:55	11.59	0	91.33	15.39	11.95	0	62.75	15.56	29.27	0	230.55	31.12	0	163.32	
11/12/2024 04:00	11.18	0	88.69	15.41	12.34	0	61.52	15.57	28.31	0	224.51	32.17	0	160.34	
11/12/2024 04:05	11.75	0	90.76	15.39	12.08	0	63.11	15.53	29.65	0	228.95	31.31	0	163.41	
11/12/2024 04:10	11.7	0	91.72	15.39	12.13	0	62.65	15.56	29.51	0	231.27	31.6	0	163.19	
11/12/2024 04:15	11.04	0	90.44	15.41	12.5	0	62.06	15.57	27.98	0	229.1	32.6	0	161.86	
11/12/2024 04:20	11.54	0	91.65	15.4	12.06	0	63.75	15.54	29.13	0	231.48	31.27	0	165.22	
11/12/2024 04:25	11.63	0	91.67	15.4	12.02	0	63.18	15.57	29.35	0	231.48	31.32	0	164.65	
11/12/2024 04:30	11.08	0	90.07	15.42	12.61	0	62.22	15.58	28.09	0	228.3	32.91	0	162.41	
11/12/2024 04:35	11.4	0	91.51	15.39	12.08	0	63.77	15.54	28.77	0	231.05	31.33	0	165.29	
11/12/2024 04:40	11.58	0	90.42	15.4	11.91	0	63.38	15.56	29.25	0	228.31	31.02	0	165.11	
11/12/2024 04:45	10.82	0	90.88	15.41	12.05	0	62.92	15.57	27.39	0	229.97	31.43	0	164.15	
11/12/2024 04:50	11.44	0	91.28	15.39	11.79	0	63.78	15.54	28.85	0	230.21	30.57	0	165.24	
11/12/2024 04:55	11.5	0	90.78	15.39	12.04	0	62.38	15.57	28.99	0	228.83	31.44	0	162.83	
11/12/2024 05:00	11.05	0	89.76	15.41	12.06	0	62.67	15.59	27.97	0	227.19	31.58	0	164.08	
11/12/2024 05:05	11.51	0	90.4	15.39	11.87	0	63.43	15.57	29.07	0	228.23	30.96	0	165.35	
11/12/2024 05:10	11.58	0	90.36	15.39	12.09	0	61.14	15.62	29.22	0	228.04	31.83	0	160.98	
11/12/2024 05:15	10.85	0	90.56	15.41	11.95	0	61.08	15.63	27.48	0	229.22	31.54	0	161.18	
11/12/2024 05:20	11.11	0	92.42	15.39	11.58	0	63.39	15.59	28.02	0	233.11	30.31	0	165.83	
11/12/2024 05:25	11.16	0	91.02	15.4	11.7	0	62.99	15.63	28.19	0	229.77	30.87	0	166.23	
11/12/2024 05:30	10.95	0	90.7	15.41	11.69	0	62.53	15.65	27.75	0	229.71	30.93	0	165.46	
11/12/2024 05:35	11.29	0	91.38	15.39	11.45	0	63.75	15.6	28.49	0	230.57	30.05	0	167.2	
11/12/2024 05:40	11.13	0	91.38	15.39	11.84	0	61.79	15.64	28.05	0	230.41	31.29	0	163.33	
11/12/2024 05:45	11	0	90.76	15.41	12.17	0	62.25	15.65	27.87	0	229.73	32.2	0	164.67	
11/12/2024 05:50	11.33	0	91.38	15.39	11.79	0	63.31	15.6	28.56	0	230.39	30.93	0	165.93	
11/12/2024 05:55	11.42	0	90.07	15.39	11.75	0	62.51	15.65	28.8	0	227.12	31.1	0	165.46	
11/12/2024 06:00	10.77	0	91.59	15.4	11.95	0	62.75	15.65	27.24	0	231.61	31.68	0	166.29	
11/12/2024 06:05	11.48	0	91.39	15.39	11.71	0	64.01	15.6	28.94	0	230.41	30.7	0	167.71	
11/12/2024 06:10	11.53	0	90.92	15.39	11.91	0	62.34	15.64	29.07	0	229.2	31.46	0	164.63	
11/12/2024 06:15	10.94	0	90.48	15.42	11.95	0	61.8	15.64	27.74	0	229.3	31.58	0	163.27	
11/12/2024 06:20	11.34	0	91.84	15.39	11.7	0	63.31	15.6	28.64	0	231.84	30.72	0	166.05	
11/12/2024 06:25	11.42	0	91.69	15.39	11.81	0	62.2	15.66	28.82	0	231.33	31.31	0	164.93	
11/12/2024 06:30															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/12/2024 07:30	11.32	0	90.05	15.42	12.59	0	61.58	15.68	28.74	0	228.5	33.5	0	163.82	
11/12/2024 07:35	11.74	0	90.87	15.4	12.22	0	62.17	15.63	29.7	0	229.81	32.25	0	163.92	
11/12/2024 07:40	11.59	0	90.25	15.4	12.26	0	60.79	15.67	29.3	0	228.09	32.56	0	161.49	
11/12/2024 07:45	11.37	0	89.47	15.42	12.19	0	60.42	15.68	28.88	0	227.05	32.42	0	160.74	
11/12/2024 07:50	11.87	0	91.09	15.41	12.12	0	61.3	15.63	30.05	0	230.6	31.97	0	161.52	
11/12/2024 07:55	11.88	0	90.47	15.42	12.45	0	59.66	15.67	30.13	0	229.3	33.08	0	158.52	
11/12/2024 08:00	11.39	0	89.99	15.41	12.45	0	60.13	15.66	28.86	0	228.03	33.06	0	159.62	
11/12/2024 08:05	11.64	0	91.15	15.4	12.18	0	61.09	15.62	29.4	0	230.19	32.08	0	160.72	
11/12/2024 08:10	11.52	0	91	15.39	12.25	0	59.76	15.66	29.07	0	229.72	32.5	0	158.52	
11/12/2024 08:15	11.45	0	88.25	15.42	12.61	0	60.84	15.66	29.05	0	223.8	33.42	0	161.28	
11/12/2024 08:20	12.14	0	89.88	15.4	12.32	0	61.26	15.61	30.65	0	227.01	32.4	0	160.94	
11/12/2024 08:25	12.31	0	89.81	15.39	12.38	0	59.03	15.65	31.08	0	226.72	32.77	0	156.29	
11/12/2024 08:30	11.33	0	87.82	15.42	12.59	0	58.84	15.65	28.72	0	222.53	33.36	0	155.89	
11/12/2024 08:35	11.43	0	89.55	15.39	12.14	0	60.21	15.61	28.83	0	225.95	31.9	0	158	
11/12/2024 08:40	11.2	0	89.5	15.39	12.4	0	59.15	15.64	28.25	0	225.68	32.74	0	156.21	
11/12/2024 08:45	11.32	0	88.52	15.42	12.48	0	59.08	15.64	28.74	0	224.61	32.98	0	156.04	
11/12/2024 08:50	11.84	0	89.77	15.4	12.17	0	60.65	15.61	29.9	0	226.7	31.97	0	159.31	
11/12/2024 08:55	12.14	0	88.72	15.39	12.31	0	59.18	15.64	30.65	0	223.98	32.52	0	156.42	
11/12/2024 09:00	10.94	0	88.18	15.42	12.48	0	58.97	15.64	27.76	0	223.58	32.99	0	155.85	
11/12/2024 09:05	11.58	0	89.16	15.4	12.09	0	60.13	15.62	29.28	0	225.41	31.82	0	158.06	
11/12/2024 09:10	11.61	0	88.91	15.4	12.12	0	59.13	15.67	29.35	0	224.75	32.23	0	157.17	
11/12/2024 09:15	11.15	0	88.2	15.42	12.47	0	59.55	15.66	28.31	0	223.72	33.07	0	157.94	
11/12/2024 09:20	11.78	0	88.83	15.4	12.21	0	60.07	15.62	29.79	0	224.57	32.12	0	157.95	
11/12/2024 09:25	11.95	0	88.44	15.4	12.32	0	58.32	15.64	30.21	0	223.51	32.56	0	154.12	
11/12/2024 09:30	11.06	0	88.22	15.43	12.28	0	58.17	15.63	28.09	0	223.91	32.41	0	153.51	
11/12/2024 09:35	11.18	0	89.21	15.4	11.94	0	59.57	15.6	28.29	0	225.63	31.32	0	156.13	
11/12/2024 09:40	10.81	0	88.15	15.41	12.42	0	58.65	15.63	27.36	0	223.01	32.76	0	154.73	
11/12/2024 09:45	10.74	0	88.59	15.42	12.75	0	59.05	15.63	27.26	0	224.71	33.62	0	155.69	
11/12/2024 09:50	11.59	0	89.51	15.41	12.21	0	60.56	15.6	29.33	0	226.6	32.03	0	158.68	
11/12/2024 09:55	11.4	0	88.66	15.41	12.2	0	58.64	15.65	28.89	0	224.58	32.31	0	155.24	
11/12/2024 10:00	10.91	0	88.92	15.43	12.45	0	59.05	15.65	27.73	0	225.92	32.99	0	156.43	
11/12/2024 10:05	11.51	0	89.31	15.41	12.02	0	59.12	15.64	29.16	0	226.14	31.78	0	156.24	
11/12/2024 10:10	11.64	0	89.27	15.41	12.14	0	58.01	15.7	29.47	0	225.98	32.46	0	155.09	
11/12/2024 10:15	11.12	0	88.04	15.44	12.33	0	58.78	15.7	28.32	0	223.98	32.92	0	156.99	
11/12/2024 10:20	11.11	0	89.55	15.41	11.95	0	59.01	15.67	28.16	0	226.9	31.76	0	156.63	
11/12/2024 10:25	10.56	0	89.83	15.41	12.07	0	58.15	15.73	26.73	0	227.34	32.47	0	156.47	
11/12/2024 10:30	11.06	0	87.73	15.44	12.22	0	58.89	15.71	28.17	0	223.25	32.73	0	157.75	
11/12/2024 10:35	11.44	0	88.57	15.42	11.93	0	59.84	15.69	29	0	224.52	31.82	0	159.5	
11/12/2024 10:40	11.77	0	88.42	15.42	12.25	0	56.26	15.81	29.83	0	224.17	33.42	0	153.5	
11/12/2024 10:45	11.12	0	85.93	15.44	12.42	0	56.31	15.79	28.32	0	218.64	33.8	0	153.24	
11/12/2024 10:50	11.37	0	88.06	15.41	12.03	0	57.89	15.77	28.78	0	223	32.58	0	156.54	
11/12/2024 10:55	11.2	0	88.17	15.41	12.1	0	55.39	15.92	28.35	0	223.15	33.78	0	154.63	
11/12/2024 11:00	11.01	0	87.31	15.46	12.25	0	56.23	15.94	28.15	0	222.94	34.34	0	157.66	
11/12/2024 11:05	11.29	0	89.19	15.42	11.87	0	57.57	15.84	28.65	0	226.3	32.66	0	158	
11/12/2024 11:10	11.5	0	89.33	15.42	11.8	0	55.06	15.97	29.18	0	226.66	33.32	0	155.4	
11/12/2024 11:15	10.66	0	87.28	15.46	12.14	0	55	15.99	27.24	0	222.62	34.4	0	155.82	
11/12/2024 11:20	11.16	0	88.4	15.42	11.75	0	57.11	15.88	28.32	0	224.28	32.58	0	157.92	
11/12/2024 11:25	11	0	88.03	15.42	11.77	0	55.3	15.99	27.9	0	223.3	33.3	0	156.44	
11/12/2024 11:30	10.58	0	87.32	15.47	11.67	0	55.25	16.01	27.12	0	223.26	33.17	0	157.03	
11/12/2024 11:35	11.3	0	89	15.42	11.55	0	57.97	15.9	28.69	0	225.88	32.13	0	160.65	
11/12/2024 11:40	11.47	0	89.13	15.42	11.7	0	55.28	16	29.09	0	226.08	33.2	0	156.81	
11/12/2024 11:45	10.87	0	87.07	15.46	11.78	0	56.5	15.92	27.79	0	222.24	32.86	0	157.61	
11/12/2024 11:50	11.09	0	88.33	15.42	11.63	0	58.32	15.83	28.13	0	224.16	31.9	0	159.85	
11/12/2024 11:55	11.05	0	88.23	15.42	12.04	0	57.77	15.79	28.01	0	223.76	32.76	0	157.11	
11/12/2024 12:00	10.61	0	87.09	15.46	12.56	0	58.7	15.76	27.13	0	222.37	33.97	0	158.73	
11/12/2024 12:05	10.84	0	88.9	15.43	12.02	0	59.67	15.71	27.53	0	225.78	32.25	0	159.84	
11/12/2024 12:10	10.69	0	89.13	15.42	12.15	0	57.22	15.8	27.13	0	226.21	33.13	0	156.05	
11/12/2024 12:15	10.71	0	87.42	15.47	12.25	0	58.05	15.78	27.43	0	223.52	33.22	0	157.43	
11/12/2024 12:20	11.02	0	89.69	15.44	11.93	0	59.74	15.71	28.04	0	228.34	31.98	0	159.9	
11/12/2024 12:25	10.86	0	90.2	15.44	12.09	0	57.43	15.79	27.64	0	229.6	32.87	0	156.08	
11/12/2024 12:30	10.85	0	86.57	15.47	12.24	0	58.2	15.79	27.76	0	221.36	33.27	0	158.24	
11/12/2024 12:35	11.32	0	89.2	15.44	11.96	0	59.01	15.77	28.84	0	227.18	32.4	0	159.62	
11/12/2024 12:40	11.42	0	89.41	15.44	11.86	0	56.61	15.92	29.07	0	227.57	33.08	0	157.9	
11/12/2024 12:45	10.63	0	87.6	15.48	12.17	0	57.03	15.9	27.31	0	224.61	33.87	0	158.7	
11/12/2024 12:50	11.28	0	89.12	15.45	11.9	0	57.59	15.85	28.79	0	227.34	32.74	0	158.26	
11/12/2024 12:55	11.23	0	89.2	15.45	11.93	0	55.03	16.02	28.66	0	227.57	34.02	0	156.84	
11/12/2024 13:00	10.72	0	87.53	15.49	11.86	0	55.67	16.01	27.59	0	224.73	33.68	0	158.13	
11/12/2024 13:05	11.22	0	88.76	15.45	11.68	0	57.27	15.9	28.62	0	226.31	32.54	0	159.11	
11/12/2024 13:10	11.22	0	88.33	15.45	11.88	0	54.89	16.01	28.59	0	225.08	33.81	0	156.18	
11/12/2024 13:15	10.61	0	87.27	15.49	12.03	0	55.14	16.02	27.27	0	223.93	34.28	0	157.12	
11/12/2024 13:20	11.15	0	88.14	15.45	11.73	0	57	15.92	28.46	0	224.95	32.75	0	158.77	
11/12/2024 13:25	11.19	0	88.02	15.45	12.05	0	56.1	15.96	28.53	0	224.48	33.93	0	157.93	
11/12/2024 13:30	10.83	0	86.8	15.49	12.25	0	57.23	15.9	27.86	0	222.94	34.02	0	158.96	
11/12/2024 13:35	11.31	0	87.73	15.46	11.96	0	58.64	15.86	28.9	0	224.12	33.03	0	161.74	
11/12/2024 13:40	11.38	0	87.58	15.46	12.08	0	55.3	15.97	29.05	0	223.69	34.08	0	156.02	
11/12/2024 13:45	10.77	0	86.13	15.5	12.42	0	56.7	15.91	27.76	0	221.56	34.6	0	157.93	
11/12/2024 13:50	11.36	0	88.38	15.46	12.15	0	58.27	15.81	29.02	0	225.84	33.21	0	159.02	
11/12/2024 13:55	11.19	0	89.08	15.46	12.28	0	57	15.83	28.58	0	227.58	33.66	0	156.25	
11/12/2024 14:00	10.8	0	87.27	15											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/12/2024 15:00	10.79	0	87.23	15.5	11.95	0	54.64	16.02	27.81	0	224.33	34.07	0	155.75	
11/12/2024 15:05	11.11	0	89.25	15.47	11.73	0	56.11	15.93	28.42	0	228.27	32.88	0	156.96	
11/12/2024 15:10	11.02	0	89.23	15.47	11.98	0	55.59	16	28.18	0	228.24	34	0	157.8	
11/12/2024 15:15	10.79	0	86.74	15.49	11.92	0	55.67	15.98	27.73	0	222.87	33.68	0	157.27	
11/12/2024 15:20	11.38	0	89.27	15.46	11.67	0	57.19	15.91	29.09	0	228.19	32.55	0	159.14	
11/12/2024 15:25	11.61	0	89.41	15.46	11.58	0	54.47	16.13	29.67	0	228.49	33.73	0	158.6	
11/12/2024 15:30	10.66	0	86.91	15.49	11.61	0	54.03	16.19	27.45	0	223.41	34.24	0	159.37	
11/12/2024 15:35	11.21	0	89.15	15.46	11.59	0	56.62	15.98	28.63	0	227.68	32.83	0	159.84	
11/12/2024 15:40	11.22	0	89.11	15.45	11.75	0	54.93	16.06	28.64	0	227.47	33.77	0	157.85	
11/12/2024 15:45	10.59	0	88.53	15.49	11.72	0	55.09	16.1	27.24	0	227.38	33.91	0	159.44	
11/12/2024 15:50	11.32	0	89.42	15.45	11.5	0	56.92	15.98	28.89	0	228.16	32.55	0	160.65	
11/12/2024 15:55	11.39	0	89.19	15.45	11.6	0	53.03	16.24	29.03	0	227.34	34.67	0	158.36	
11/12/2024 16:00	10.53	0	87.91	15.52	11.59	0	52.8	16.33	27.26	0	226.68	35.22	0	160.41	
11/12/2024 16:05	10.93	0	90.28	15.45	11.41	0	56.32	16.07	27.87	0	230.26	32.93	0	161.69	
11/12/2024 16:10	10.89	0	89.95	15.45	11.34	0	54.07	16.24	27.77	0	229.36	33.88	0	161.42	
11/12/2024 16:15	10.34	0	89	15.51	11.28	0	53.52	16.35	26.73	0	229.1	34.49	0	163.6	
11/12/2024 16:20	10.95	0	90.13	15.44	11.19	0	56.47	16.1	27.9	0	229.53	32.55	0	163.4	
11/12/2024 16:25	10.86	0	88.33	15.44	11.28	0	53.26	16.28	27.64	0	224.84	33.99	0	160.3	
11/12/2024 16:30	10.3	0	89.75	15.49	10.94	0	52.3	16.41	26.49	0	230.23	33.83	0	161.76	
11/12/2024 16:35	10.75	0	90.84	15.43	10.88	0	55.55	16.16	27.33	0	230.9	32.03	0	162.67	
11/12/2024 16:40	10.7	0	90.58	15.43	10.79	0	52.09	16.43	27.2	0	230.16	33.65	0	162.14	
11/12/2024 16:45	10.38	0	89.34	15.49	10.66	0	50.5	16.63	26.74	0	229.14	34.7	0	164.44	
11/12/2024 16:50	10.83	0	91.25	15.42	10.79	0	55.25	16.24	27.46	0	231.49	32.4	0	164.71	
11/12/2024 16:55	10.69	0	91.23	15.42	11.08	0	53.76	16.32	27.09	0	231.3	33.67	0	163.33	
11/12/2024 17:00	10.08	0	90.24	15.46	11.05	0	53.02	16.45	25.82	0	230.79	34.52	0	165.66	
11/12/2024 17:05	10.86	0	91.05	15.42	10.95	0	56.44	16.15	27.55	0	230.99	32.19	0	164.93	
11/12/2024 17:10	10.8	0	90.88	15.42	11.28	0	52.49	16.33	27.39	0	230.52	34.35	0	159.55	
11/12/2024 17:15	10.45	0	88.33	15.47	10.89	0	49.53	16.58	26.82	0	225.81	35.01	0	159.24	
11/12/2024 17:20	11.09	0	90.83	15.41	11.14	0	54.67	16.17	28.09	0	230.08	32.95	0	160.51	
11/12/2024 17:25	10.95	0	90.78	15.41	11.47	0	54.94	16.13	27.74	0	229.89	33.42	0	160	
11/12/2024 17:30	10.6	0	91	15.42	11.58	0	54.16	16.24	26.89	0	230.97	34.52	0	161.45	
11/12/2024 17:35	11.31	0	91.2	15.42	11.42	0	57.52	16	28.66	0	231.2	32.51	0	162.9	
11/12/2024 17:40	11.45	0	91.64	15.42	11.53	0	55.53	16.07	29.04	0	232.33	33.22	0	159.93	
11/12/2024 17:45	10.64	0	89.16	15.46	11.5	0	54.22	16.17	27.24	0	227.62	33.82	0	159.45	
11/12/2024 17:50	10.73	0	90.81	15.4	11.27	0	57.96	15.93	27.14	0	229.65	31.63	0	161.74	
11/12/2024 17:55	10.36	0	90.5	15.4	11.65	0	57.72	15.93	26.17	0	228.59	32.58	0	161.34	
11/12/2024 18:00	10.38	0	89.38	15.45	11.75	0	56.97	16	26.5	0	227.71	33.36	0	161.76	
11/12/2024 18:05	10.69	0	91.07	15.41	11.46	0	59.26	15.84	27.04	0	230.4	31.57	0	162.71	
11/12/2024 18:10	10.23	0	90.94	15.4	11.65	0	58.07	15.92	25.87	0	229.89	32.54	0	162.1	
11/12/2024 18:15	10.25	0	89.02	15.44	11.58	0	58.02	15.95	26.1	0	226.38	32.5	0	162.86	
11/12/2024 18:20	11.17	0	91.28	15.41	11.5	0	60.45	15.8	28.29	0	231.1	31.37	0	164.43	
11/12/2024 18:25	10.75	0	91.11	15.4	11.97	0	58.89	15.81	27.19	0	230.45	32.69	0	160.82	
11/12/2024 18:30	10.65	0	90	15.45	11.97	0	59.02	15.84	27.17	0	229.21	32.89	0	162.19	
11/12/2024 18:35	11.31	0	91.32	15.4	11.78	0	60.76	15.73	28.6	0	230.95	31.7	0	163.28	
11/12/2024 18:40	11.77	0	91.14	15.41	12.09	0	59.58	15.76	29.77	0	230.6	32.68	0	161.07	
11/12/2024 18:45	10.88	0	89.93	15.44	12.05	0	59.3	15.77	27.73	0	228.74	32.66	0	160.78	
11/12/2024 18:50	11.64	0	92.12	15.41	11.87	0	60.58	15.69	29.45	0	233.14	31.68	0	161.59	
11/12/2024 18:55	11.97	0	92.48	15.41	12.01	0	60.21	15.72	30.31	0	234.2	32.22	0	161.54	
11/12/2024 19:00	10.9	0	90.5	15.43	11.97	0	60.5	15.75	27.71	0	229.84	32.27	0	163.14	
11/12/2024 19:05	11.25	0	92.41	15.4	11.71	0	61.81	15.67	28.44	0	233.61	31.15	0	164.2	
11/12/2024 19:10	11.33	0	92.61	15.4	12.01	0	59.67	15.71	28.63	0	234.05	32.21	0	159.96	
11/12/2024 19:15	10.83	0	90.61	15.43	12.08	0	59.98	15.72	27.51	0	230.03	32.39	0	160.87	
11/12/2024 19:20	11.81	0	91.82	15.41	11.92	0	61.16	15.67	29.9	0	232.5	31.66	0	162.35	
11/12/2024 19:25	12.17	0	91.95	15.41	12.01	0	58.99	15.74	30.82	0	232.85	32.34	0	158.92	
11/12/2024 19:30	10.73	0	90.24	15.43	11.92	0	59.83	15.74	27.3	0	229.35	32.13	0	161.23	
11/12/2024 19:35	11.19	0	91.47	15.4	11.74	0	61.39	15.65	28.3	0	231.32	31.13	0	162.57	
11/12/2024 19:40	11.13	0	91.47	15.4	12.11	0	60.34	15.65	28.12	0	231.17	32.1	0	159.87	
11/12/2024 19:45	10.73	0	90.5	15.42	12.14	0	59.67	15.66	27.22	0	229.57	32.23	0	158.41	
11/12/2024 19:50	11.58	0	92.68	15.41	11.94	0	61.48	15.62	29.3	0	234.6	31.44	0	161.75	
11/12/2024 19:55	11.78	0	93.09	15.41	12	0	60.42	15.71	29.83	0	235.68	32.12	0	161.74	
11/12/2024 20:00	10.75	0	91.27	15.43	12.28	0	60.03	15.73	27.3	0	231.77	33.05	0	161.54	
11/12/2024 20:05	11.19	0	91.81	15.4	12.03	0	61.13	15.66	28.29	0	232.18	31.94	0	162.15	
11/12/2024 20:10	11.39	0	91.78	15.4	12.14	0	59.75	15.69	28.81	0	232.15	32.38	0	159.32	
11/12/2024 20:15	11.19	0	89	15.42	12.28	0	59.23	15.7	28.41	0	225.84	32.85	0	158.43	
11/12/2024 20:20	11.94	0	89.51	15.41	12.11	0	60.54	15.64	30.21	0	226.46	32.04	0	159.96	
11/12/2024 20:25	12.03	0	89.16	15.41	12.32	0	59.78	15.68	30.44	0	225.58	32.83	0	159.33	
11/12/2024 20:30	10.88	0	88.91	15.42	12.34	0	59.72	15.69	27.61	0	225.46	32.93	0	159.3	
11/12/2024 20:35	11.9	0	90.82	15.4	12.16	0	60.89	15.64	30.08	0	229.65	32.15	0	160.79	
11/12/2024 20:40	12.25	0	90.95	15.4	12.34	0	59.27	15.68	30.98	0	229.99	32.88	0	157.85	
11/12/2024 20:45	11.4	0	88.6	15.43	12.94	0	58.38	15.69	28.99	0	225	34.49	0	155.62	
11/12/2024 20:50	11.29	0	90.12	15.4	12.36	0	59.56	15.63	28.51	0	227.62	32.61	0	156.96	
11/12/2024 20:55	10.92	0	90	15.39	12.27	0	59.6	15.66	27.56	0	227.07	32.56	0	158.07	
11/12/2024 21:00	11.34	0	87.88	15.42	12.56	0	59.27	15.67	28.78	0	222.98	33.37	0	157.43	
11/12/2024 21:05	11.2	0	90.4	15.39	12.26	0	61.1	15.63	28.27	0	228.21	32.34	0	161.05	
11/12/2024 21:10	11.38	0	90.39	15.39	12.28	0	58.86	15.69	28.7	0	228.05	32.75	0	156.89	
11/12/2024 21:15	11.08	0	88.7	15.42	12.53	0	58.98	15.7	28.12	0	224.93	33.48	0	157.58	
11/12/2024 21:20	11.22	0	90.47	15.4	12.33	0	60.6	15.64	28.35	0	228.63	32.59	0	160.02	
11/12/2024 21:25	11.42	0	90.7	15.4	12.26	0	59.07	15.69	28.87	0	229.3	32.7	0	157.61	
11/12/2024 21:30	11.01	0	89.28	15.43											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
11/12/2024 22:30	10.26	0.02	95.77	15.56	8.19	0.72	142.59	17.34	26.82	0.1	255.07	31.96	2.81	556.61	
11/12/2024 22:35	10.63	0	93.17	15.4	8.65	0.49	139.47	17.16	26.87	0	235.49	32.24	1.88	526.26	
11/12/2024 22:40	11.19	0	93.39	15.4	8.9	0.97	144.42	17.3	28.29	0	236.16	34.38	3.77	558.15	
11/12/2024 22:45	10.33	0.05	94.57	15.51	8.73	1.81	150.8	17.33	26.71	0.2	247.75	33.99	7.06	586.83	
11/12/2024 22:50	11.43	0	91.81	15.41	9.1	0.9	139.77	17.19	28.94	0	232.37	34.12	3.49	530.25	
11/12/2024 22:55	12.05	0	91.88	15.41	9.38	0.24	135.69	17.3	30.51	0	232.66	36.24	0.92	524.63	
11/12/2024 23:00	10.55	0.02	94.95	15.53	9.16	0.19	138.3	17.32	27.42	0.07	249.99	35.52	0.73	536.54	
11/12/2024 23:05	10.57	0	92.39	15.4	8.93	0.5	140.51	17.22	26.73	0	233.56	33.8	1.93	535.39	
11/12/2024 23:10	10.38	0	92.11	15.4	9.17	0.37	139.53	17.3	26.22	0	232.79	35.43	1.43	539.24	
11/12/2024 23:15	10.19	0	91.88	15.49	9.62	0	131.3	17.3	26.31	0	238.57	37.16	0	506.94	
11/12/2024 23:20	11.39	0	90.63	15.41	9.31	0	134.02	17.2	28.84	0	229.47	35.04	0	507.53	
11/12/2024 23:25	11.38	0	90.33	15.41	8.64	1.14	147.33	17.31	28.8	0	228.67	33.49	4.43	571.15	
11/12/2024 23:30	10.19	0.04	92.85	15.49	8.25	2.11	154.05	17.35	26.25	0.17	241.27	32.32	8.28	603.46	
11/12/2024 23:35	10.92	0	92.37	15.4	8.41	1.42	148.83	17.22	27.62	0	233.64	31.81	5.55	568.53	
11/12/2024 23:40	10.53	0	93.02	15.4	8.78	0.93	143.98	17.31	26.62	0	235.08	33.96	3.6	557.28	
11/12/2024 23:45	10.36	0.03	93.54	15.5	9.25	0.47	140	17.32	26.75	0.1	243.99	35.87	1.8	542.91	
11/12/2024 23:50	11.06	0	92.89	15.4	9.37	0.27	135.74	17.2	27.96	0	234.88	35.33	1.05	513.96	
11/12/2024 23:55	11.47	0	93.31	15.4	9.62	0.53	139.94	17.3	29	0	235.96	37.11	2.06	539.91	
12/12/2024 00:00	10.4	0.03	94.34	15.5	8.97	1.39	147.42	17.31	26.9	0.13	246.85	34.73	5.39	570.95	
12/12/2024 00:05	10.95	0	92.29	15.4	9.06	0.71	140.56	17.16	27.68	0	233.29	33.76	2.76	529.75	
12/12/2024 00:10	11.36	0	92.64	15.4	9.55	0.35	136.88	17.29	28.73	0	234.33	36.78	1.34	527.32	
12/12/2024 00:15	10.47	0	94.66	15.53	10.75	0	135.88	17.28	27.36	0	249.2	41.26	0	521.46	
12/12/2024 00:20	10.73	0	92.43	15.4	10.26	0	131.67	17.18	27.12	0	233.71	38.57	0	495.72	
12/12/2024 00:25	10.88	0	92.09	15.4	9.13	0.86	143.65	17.28	27.49	0	232.81	35.1	3.33	552.32	
12/12/2024 00:30	10.41	0	93.53	15.49	9.2	0	135.78	17.27	26.88	0	243.42	35.25	0	520.2	
12/12/2024 00:35	10.95	0	91.53	15.4	8.92	0.15	138.13	17.17	27.67	0	231.25	33.33	0.55	519.2	
12/12/2024 00:40	10.83	0	91.33	15.4	9.26	0.71	142.58	17.29	27.34	0	230.61	35.63	2.73	548.47	
12/12/2024 00:45	10.63	0.1	95.92	15.55	9.16	2.44	156.33	17.33	27.78	0.39	256.29	35.6	9.48	607.82	
12/12/2024 00:50	10.59	0	92.58	15.39	8.88	1.44	148.89	17.21	26.73	0	233.69	33.58	5.57	566.38	
12/12/2024 00:55	10.25	0	92.78	15.39	8.61	1.06	145.34	17.29	25.85	0	233.95	33.18	4.09	559.93	
12/12/2024 01:00	10.44	0.02	94.45	15.55	8.7	0.66	142.05	17.3	27.28	0.09	250.66	33.59	2.53	548.22	
12/12/2024 01:05	10.77	0	91.92	15.4	8.52	1.45	148.86	17.19	27.22	0	232.29	32	5.56	563.85	
12/12/2024 01:10	10.88	0	91.25	15.4	8.15	2.82	159.56	17.33	27.48	0	230.61	31.75	10.99	621.69	
12/12/2024 01:15	10.34	0.1	95.12	15.55	8.05	2.83	158.41	17.34	26.96	0.38	253.37	31.45	11.06	619.15	
12/12/2024 01:20	11.11	0	92.28	15.4	8.43	2.22	154.36	17.22	28.1	0	233.44	31.92	8.6	590.93	
12/12/2024 01:25	11.58	0	92.67	15.41	9.22	1.42	148.38	17.31	29.3	0	234.54	35.68	5.52	574.41	
12/12/2024 01:30	10.38	0	94.02	15.51	10.03	0	133	17.29	26.93	0	245.73	38.58	0	511.53	
12/12/2024 01:35	11.06	0	92.33	15.4	10.9	0	120.07	16.75	27.97	0	233.53	36.75	0	415.04	
12/12/2024 01:40	11.47	0	92.2	15.41	25.46	1.09	106.87	16.03	29.02	0	233.29	72.73	3.01	300.77	
12/12/2024 01:45	4.35	0.99	206.64	15.61	6.81	0	152.03	15.81	11.42	2.59	542.43	18.59	0	414.87	
12/12/2024 01:50	5.23	1.41	196.05	15.41	8.66	0	112.76	15.69	13.24	3.58	496.58	23.01	0	303.74	
12/12/2024 01:55	5.53	1.55	191.8	15.4	12.04	0	58.09	15.64	13.98	3.91	484.59	31.81	0	153.53	
12/12/2024 02:00	12.64	0	111.37	17.08	12.42	0	57.31	15.65	46.4	0	410.49	32.9	0	151.79	
12/12/2024 02:05	14.1	0	112.57	17.19	12.29	0	59.6	15.69	52.81	0	421.71	33.08	0	161.8	
12/12/2024 02:10	14.48	0	109.56	17.19	11.75	0	57.85	15.64	54.23	0	410.21	31.04	0	152.81	
12/12/2024 02:15	13.38	0	117.67	17.12	12.03	0	57.5	15.64	49.54	0	437.33	31.8	0	151.97	
12/12/2024 02:20	13.72	0	119.23	17.17	11.87	0	60.26	15.68	51.07	0	443.86	31.85	0	163.17	
12/12/2024 02:25	14.06	0	117.14	17.16	11.76	0	57.74	15.64	52.26	0	435.29	31.08	0	152.53	
12/12/2024 02:30	13.45	0	117.29	17.13	11.81	0	58.53	15.66	49.78	0	435.93	31.31	0	155.15	
12/12/2024 02:35	14.11	0	120.61	17.18	11.95	0	59.19	15.66	52.79	0	451.17	31.74	0	157.3	
12/12/2024 02:40	14.45	0	119.52	17.19	11.88	0	58.2	15.63	54.14	0	447.67	31.36	0	153.58	
12/12/2024 02:45	12.12	0	121.59	17.1	12.28	0	58.28	15.64	44.58	0	449.86	32.48	0	154.12	
12/12/2024 02:50	11.43	0	126.56	17.18	11.8	0	60.18	15.67	42.74	0	473.29	31.4	0	161.35	
12/12/2024 02:55	10.19	0	128.52	17.18	11.87	0	57.69	15.62	38.11	0	480.77	31.28	0	152.01	
12/12/2024 03:00	12.32	0	122.82	17.12	12.16	0	58.42	15.63	45.5	0	456.3	32.07	0	154.13	
12/12/2024 03:05	13.43	0	124.43	17.19	12.15	0	60.96	15.69	50.25	0	465.69	32.69	0	166.09	
12/12/2024 03:10	14.16	0	122.84	17.18	11.96	0	57.53	15.63	52.96	0	459.55	31.53	0	151.7	
12/12/2024 03:15	11.05	0	123.57	17.11	12	0	58.38	15.64	40.63	0	457.91	31.71	0	154.23	
12/12/2024 03:20	13.65	0	122.52	17.18	11.99	0	60.7	15.69	50.93	0	457.26	32.21	0	164.98	
12/12/2024 03:25	14.23	0	121.28	17.17	12.14	0	56.49	15.63	53.01	0	451.62	32	0	148.9	
12/12/2024 03:30	12.49	0	121.23	17.13	12.17	0	55.97	15.64	46.21	0	451.19	32.15	0	147.87	
12/12/2024 03:35	13.15	0	122.56	17.19	12.24	0	58.88	15.7	49.22	0	458.68	32.92	0	160.59	
12/12/2024 03:40	13.42	0	121.44	17.18	11.95	0	56.64	15.64	50.21	0	454.29	31.57	0	149.61	
12/12/2024 03:45	14.19	0	117.08	17.12	12.36	0	56.39	15.64	52.52	0	435.1	32.65	0	148.99	
12/12/2024 03:50	13.21	0	121.36	17.19	12.05	0	60.06	15.65	49.51	0	455.11	32.03	0	160.08	
12/12/2024 03:55	12.91	0	121.39	17.2	12	0	57.32	15.61	48.47	0	455.84	31.55	0	150.75	
12/12/2024 04:00	12.29	0	118.28	17.12	11.38	0	59.2	15.63	45.4	0	439.15	29.97	0	156	
12/12/2024 04:05	13.94	0	119.5	17.18	11.87	0	60.54	15.66	52.11	0	446.79	31.76	0	163.27	
12/12/2024 04:10	15.06	0	116.78	17.17	11.88	0	57.91	15.61	56.18	0	435.59	31.19	0	152.06	
12/12/2024 04:15	12.15	0	119.95	17.12	11.88	0	59.38	15.62	44.9	0	445.51	31.25	0	156.23	
12/12/2024 04:20	12.7	0	123.77	17.2	11.77	0	62.46	15.64	47.66	0	464.43	31.15	0	165.71	
12/12/2024 04:25	12.64	0	125.11	17.2	11.88	0	58.53	15.61	47.53	0	470.4	31.21	0	153.71	
12/12/2024 04:30	8.52	0.95	202.32	16.19	11.95	0	57.88	15.61	25.08	2.82	598.98	31.4	0	152.05	
12/12/2024 04:35	16.67	0.31	85.3	16.04	12.49	0	57.02	15.6	47.23	0.92	249.94	32.82	0	149.29	
12/12/2024 04:40	21.77	0	22.94	15.94	11.49	0	59.33	15.59	61	0	64.29	30.1	0	155.4	
12/12/2024 04:45	5.18	0.16	188.24	15.5	12.22	0	57.95	15.59	13.36	0.4	484.33	32.01	0	151.81	
12/12/2024 04:50	5.4	2.31	217.31												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12/12/2024 06:00	5.68	0	147.75	15.53	12.19	0	57.11	15.62	14.71	0	382.22	32.08	0	150.32	
12/12/2024 06:05	5.86	0	149.49	15.51	11.59	0	60.53	15.58	15.11	0	385.53	30.33	0	158.19	
12/12/2024 06:10	5.97	0	148.22	15.5	12.12	0	57.43	15.61	15.38	0	381.86	31.83	0	150.89	
12/12/2024 06:15	5.79	0	149.69	15.53	12.27	0	56.88	15.62	15.01	0	387.69	32.28	0	149.69	
12/12/2024 06:20	5.89	0	152.36	15.52	11.54	0	60.78	15.59	15.22	0	393.54	30.21	0	158.87	
12/12/2024 06:25	6.17	0	150.17	15.51	12.24	0	57.01	15.61	15.92	0	387.34	32.15	0	149.75	
12/12/2024 06:30	5.98	0	148.9	15.54	12.31	0	57.19	15.62	15.52	0	386.08	32.41	0	150.51	
12/12/2024 06:35	5.5	0	152.8	15.52	11.51	0	61.12	15.59	14.23	0	395.11	30.14	0	159.82	
12/12/2024 06:40	5.7	0	151.91	15.53	12.34	0	56.28	15.62	14.75	0	392.84	32.47	0	148.04	
12/12/2024 06:45	5.63	0.06	157.02	15.55	12.3	0	55.95	15.63	14.65	0.16	408.43	32.4	0	147.44	
12/12/2024 06:50	4.79	0.38	199.3	15.57	11.43	0	63.07	15.59	12.49	0.98	519.97	29.94	0	165.11	
12/12/2024 06:55	4.39	0	198.97	15.58	12.05	0	58.23	15.62	11.46	0	519.37	31.72	0	153.25	
12/12/2024 07:00	5.54	0	171.27	15.57	12.13	0	57.78	15.63	14.47	0.01	446.8	31.95	0	152.26	
12/12/2024 07:05	5.35	1.34	205.9	15.6	9.16	0	98.45	15.67	14.04	3.5	540.14	24.27	0	262.32	
12/12/2024 07:10	5.63	1.56	205.53	15.6	6.02	4.4	199.3	15.83	14.75	4.1	539.03	16.51	12.23	548.66	
12/12/2024 07:15	4.62	0.82	197.7	15.45	5.94	9.47	265.48	15.9	11.78	2.15	504.64	16.5	26.32	737.82	
12/12/2024 07:20	4.65	0.49	192.01	15.4	5.63	8.83	262.56	15.84	11.75	1.25	485.44	15.49	24.33	721.77	
12/12/2024 07:25	4.41	0.17	190.52	15.39	5.99	9.18	264.64	15.87	11.12	0.43	480.67	16.55	25.37	731.2	
12/12/2024 07:30	4.72	1.64	201.69	15.45	6.05	8.79	264.64	15.88	12.07	4.25	515.44	16.74	24.32	732.5	
12/12/2024 07:35	5.26	1.33	194.8	15.42	5.67	4.56	217.4	15.76	13.33	3.37	493.96	15.37	12.61	591.24	
12/12/2024 07:40	5	1.23	195.34	15.42	5.68	0	162.76	15.71	12.68	3.13	495.38	15.21	0	435.52	
12/12/2024 07:45	4.21	8.16	257.84	15.58	5.85	0	152.23	15.7	11	21.33	674.18	15.64	0	407.3	
12/12/2024 07:50	4.8	8.83	263.41	15.57	5.56	0.41	154.81	15.67	12.52	23.02	686.69	14.78	1.08	411.2	
12/12/2024 07:55	5.31	9.5	265.58	15.57	5.73	0	146.52	15.7	13.86	24.8	692.84	15.34	0	391.88	
12/12/2024 08:00	4.3	3.73	223.71	15.57	5.84	0	141.88	15.71	11.21	9.7	582.84	15.66	0	380.27	
12/12/2024 08:05	4.68	3.17	219.92	15.55	5.56	0.04	147.71	15.69	12.16	8.23	571.04	14.85	0.11	393.9	
12/12/2024 08:10	4.34	2.27	215.08	15.54	5.91	0	138.37	15.72	11.26	5.88	557.5	15.85	0	371.16	
12/12/2024 08:15	4.56	1.03	195.31	15.56	5.86	0	142.02	15.74	11.87	2.69	508.1	15.79	0	382.72	
12/12/2024 08:20	4.34	1.44	203.85	15.55	5.54	0.06	140.86	15.69	11.26	3.73	529.17	14.78	0.15	375.67	
12/12/2024 08:25	4.39	1.33	201.61	15.54	5.89	0	133.67	15.7	11.39	3.45	522.89	15.77	0	357.5	
12/12/2024 08:30	4.47	0.7	192.82	15.55	6.23	0	134.31	15.71	11.62	1.82	501.29	16.71	0	360	
12/12/2024 08:35	4.88	1.78	203.39	15.54	5.84	0.04	136.41	15.68	12.66	4.64	527.82	15.56	0.11	363.05	
12/12/2024 08:40	5.22	2.81	210.17	15.55	5.96	0	128.85	15.7	13.57	7.32	546.37	15.93	0	344.24	
12/12/2024 08:45	4.3	0.18	182.6	15.54	6.17	0	131.2	15.72	11.16	0.46	473.52	16.55	0	351.88	
12/12/2024 08:50	4.31	0.28	182.82	15.52	5.68	0	131.09	15.67	11.13	0.73	472.14	15.11	0	348.64	
12/12/2024 08:55	4.16	0	176.16	15.5	5.96	0	126.21	15.72	10.7	0	453.7	15.98	0	338.52	
12/12/2024 09:00	4.35	0	178.32	15.54	6.13	0	121.94	15.71	11.29	0.01	462.19	16.42	0	326.84	
12/12/2024 09:05	4.81	0.01	183.29	15.52	5.77	0	124.87	15.69	12.44	0.03	473.89	15.39	0	332.73	
12/12/2024 09:10	5.03	0	185.36	15.53	6.03	0	121.89	15.73	13.01	0	479.35	16.19	0	327.55	
12/12/2024 09:15	4.38	0	179	15.54	6.33	0	124.05	15.74	11.37	0	464.24	17.05	0	334.31	
12/12/2024 09:20	4.75	0.01	175.89	15.52	5.94	0	123.21	15.69	12.26	0.02	454.39	15.88	0	329.05	
12/12/2024 09:25	5.11	0	170.7	15.51	5.84	13.78	224.32	15.84	13.18	0	440.42	16.06	38.66	619.94	
12/12/2024 09:30	4.3	1.42	196.04	15.61	6.17	11.82	265.53	15.82	11.35	3.83	516.42	16.9	32.36	727.04	
12/12/2024 09:35	12.21	0.23	62.43	16.08	6.7	25.34	256.91	15.84	35.52	0.62	175.01	18.44	69.95	704.43	
12/12/2024 09:40	14.91	0	32.77	16.15	6.54	71.34	264.25	16.03	43.66	0	95.98	18.65	203.66	754.26	
12/12/2024 09:45	12.87	2.3	41.89	16.09	6.64	72.52	264.25	16.05	37.19	6.57	120.8	19.01	207.65	756.6	
12/12/2024 09:50	13.85	0	30.88	16.08	6.92	66.57	242.07	16.01	39.92	0	89.03	19.66	189.07	687.71	
12/12/2024 09:55	14.13	0	30.58	16.08	6.61	73.91	236.17	16.04	40.7	0	88.12	18.91	211.52	674.89	
12/12/2024 10:00	8.92	4.65	48.66	16.05	6.72	99.8	236.17	16.17	25.55	13.65	140.23	19.73	293.01	693.39	
12/12/2024 10:05	9.95	0	33.81	16.04	6.69	105.1	238.06	16.17	28.45	0	96.67	19.67	309.38	700.02	
12/12/2024 10:10	10.2	0	33.77	16.04	6.75	114.17	253.45	16.3	29.17	0	96.52	20.41	345.27	766.69	
12/12/2024 10:15	4.69	4.53	77.78	16.4	7.19	115.48	253.45	16.33	14.48	13.82	239.92	21.88	351.58	771.64	
12/12/2024 10:20	5.49	0.05	137.01	16.52	6.8	58.19	234.65	16.52	17.42	0.15	438.15	21.58	178.35	744.33	
12/12/2024 10:25	5.48	0	174.75	16.59	7.25	4.91	171.32	17.17	17.7	0	563.87	27.23	17.05	628.59	
12/12/2024 10:30	5.63	0.04	166.4	16.5	7.03	1.31	137.03	17.43	17.87	0.18	525.71	28.16	5.26	548.87	
12/12/2024 10:35	6.57	0	167.43	16.44	7.09	0.68	132.9	17.36	20.49	0	521.77	27.85	2.72	521.63	
12/12/2024 10:40	6.78	0	168.02	16.45	7.54	0.3	130.18	17.4	21.16	0	524.26	29.92	1.19	516.66	
12/12/2024 10:45	5.82	0	165.57	16.48	7.52	0.23	129.75	17.41	18.36	0	521.1	29.9	0.93	516.21	
12/12/2024 10:50	6.91	0	167.29	16.43	7.29	0.87	138.74	17.32	21.51	0	520.46	28.43	3.39	539.24	
12/12/2024 10:55	7.14	0	166.81	16.43	7.58	2	144.3	17.38	22.21	0	518.87	29.93	7.91	570.1	
12/12/2024 11:00	5.85	0.06	165.61	16.48	7.7	1.83	141.61	17.4	18.49	0.25	520.97	30.61	7.26	562.63	
12/12/2024 11:05	6.11	0	170.31	16.42	7.38	0.96	138.5	17.32	18.98	0	528.54	28.78	3.8	538.02	
12/12/2024 11:10	6.09	0	170.64	16.42	7.67	0.14	130.2	17.37	18.91	0	529.48	30.18	0.57	512.38	
12/12/2024 11:15	5.99	0.01	169.64	16.48	7.97	0.33	130.51	17.38	18.94	0.04	533.9	31.5	1.29	515.97	
12/12/2024 11:20	6.63	0	170.63	16.43	7.56	0.38	134.09	17.34	20.62	0	530.92	29.58	1.51	523.45	
12/12/2024 11:25	6.73	0	170.25	16.43	7.74	0.91	136.13	17.4	20.95	0	529.75	30.71	3.62	540.35	
12/12/2024 11:30	5.59	0	166.15	16.48	7.94	0.08	129.14	17.4	17.64	0	522.49	31.57	0.31	513.56	
12/12/2024 11:35	6.3	0	181.64	16.39	7.55	1.22	143.21	17.33	19.44	0	559.14	29.55	4.74	556.79	
12/12/2024 11:40	6.03	0	193.48	16.33	7.77	3.24	156.68	17.38	18.32	0	587.85	30.68	12.81	618.4	
12/12/2024 11:45	6.39	2.27	215.41	16.38	7.83	3.33	157.11	17.39	19.77	7.05	661.95	30.99	13.18	622	
12/12/2024 11:50	7.18	3.31	221.72	16.32	7.58	2.66	157.57	17.29	21.77	10.05	672.37	29.31	10.26	605.9	
12/12/2024 11:55	7.72	3.81	222.92	16.32	7.72	1.71	145.05	17.37	23.44	11.58	676.83	30.42	6.74	571.45	
12/12/2024 12:00	6.81	4.02	225.66	16.41	7.81	1.67	144.11	17.38	21.2	12.42	698.27	30.82	6.6	568.51	
12/12/2024 12:05	6.46	3.55	228.67	16.32	7.49	0.97	141.07	17.3	19.6	10.76	694.1	29.05	3.75	545.65	
12/12/2024 12:10	6.28	3.38	228.72	16.32	7.7	0.12	132.63	17.34	19.04						



Date & Time	stack1_NO	stack1_SO	stack1_CO	stack1_O2	stack2_NO	stack2_SO	stack2_CO	stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
12/12/2024 13:30	6.27	3.25	223.58	16.42	7.72	0.44	135.5	17.4	19.58	10.03	692.49	30.7	1.74	538.85	
12/12/2024 13:35	6.81	3.86	228.45	16.34	7.46	0.33	137.07	17.33	20.75	11.76	696.43	29.17	1.23	533.55	
12/12/2024 13:40	6.77	3.77	227.8	16.34	7.74	0.12	132.63	17.37	20.61	11.48	694	30.52	0.47	522.97	
12/12/2024 13:45	6.32	4.11	230.16	16.41	7.88	0.44	134.6	17.39	19.62	12.62	710.7	31.2	1.73	533.12	
12/12/2024 13:50	6.77	4.85	235.14	16.36	7.62	0.35	139.9	17.35	20.72	14.85	719.24	29.85	1.35	547.64	
12/12/2024 13:55	6.78	4.8	235.03	16.35	7.71	0.15	131.49	17.45	20.72	14.67	718.25	31.07	0.61	529.71	
12/12/2024 14:00	6.38	4.18	230.44	16.41	7.84	0	129.8	17.48	19.85	12.86	712.24	31.86	0	527.27	
12/12/2024 14:05	6.91	4.57	233.78	16.35	7.53	0.17	131.13	17.34	21.13	13.97	714.57	29.55	0.53	510.45	
12/12/2024 14:10	6.84	4.46	232.98	16.35	7.75	0	122.52	17.36	20.91	13.62	712	30.41	0	480.52	
12/12/2024 14:15	6.5	4.95	234.86	16.43	7.84	0	122.76	17.38	20.29	15.28	728.08	30.92	0	484.28	
12/12/2024 14:20	6.88	5.88	241.33	16.37	7.53	0.17	127.37	17.3	21.12	18.05	740.84	29.18	0.52	489.86	
12/12/2024 14:25	6.81	5.97	241.97	16.37	7.86	0.65	133.29	17.37	20.9	18.32	742.26	30.93	2.59	524.56	
12/12/2024 14:30	6.41	0.8	138.98	16.33	7.86	1	138.68	17.4	19.53	2.5	430.34	31.23	3.98	551	
12/12/2024 14:35	7.31	0	39.83	16.1	9.43	0.52	98.25	16.79	21.16	0	115.26	31.79	2.06	362.26	
12/12/2024 14:40	7	0	39.58	16.1	12.95	0	57.13	16.21	20.25	0	114.5	38.37	0	169.3	
12/12/2024 14:45	7.1	0	41.86	16.11	13.25	0	55.08	16.23	20.65	0	121.54	39.4	0	163.76	
12/12/2024 14:50	6.7	0	41.6	16.1	11.94	0	55.37	16.17	19.43	0	120.58	35.16	0	162.83	
12/12/2024 14:55	6.55	0	41.28	16.1	9.99	2.65	119.15	16.52	18.96	0	119.54	31.45	9.64	402.23	
12/12/2024 15:00	4.47	2	178.1	15.7	7.29	0	117.03	17.43	12.17	5.35	475.43	29.22	0	469.21	
12/12/2024 15:05	5.04	0	161.31	15.57	7.22	12.29	63.78	19.15	13.13	0	420.57	274.71	1196.71	643.65	
12/12/2024 15:10	4.75	0	160.94	15.57	8.31	6.46	1.67	21.34	12.38	0	419.48	0	0	0	
12/12/2024 15:15	4.47	0	147.53	15.97	8.33	0	1.06	21.38	15.87	0	450.69	0	0	0	
12/12/2024 15:20	4.39	0	157.31	15.55	7.83	0	7.07	21.1	11.41	0	408.98	4.7	0	26.42	
12/12/2024 15:25	4.64	0	159.17	15.56	8.25	0	0.89	21.36	12.07	0	414.15	0	0	0	
12/12/2024 15:30	4.97	0.51	111.91	16.99	8.28	0	0.98	21.38	16.6	1.74	395.48	0	0	0	



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Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/12/2024 06:00	10.98	0	103.24	15.3	16.28	0	28.97	15.55	27.28	0	255.8	42.31	0	75.32	
17/12/2024 06:05	11.35	0	106.42	15.27	15.79	0	31.53	15.51	28.01	0	262.66	40.78	0	81.07	
17/12/2024 06:10	11.61	0	106.23	15.27	16.28	0	27.89	15.54	28.64	0	262.08	42.2	0	72.28	
17/12/2024 06:15	11.04	0	102.94	15.29	16.62	0	28.15	15.55	27.38	0	255.15	43.16	0	73.1	
17/12/2024 06:20	10.94	0	107.88	15.26	16.01	0	32.25	15.49	26.98	0	266.07	41.22	0	82.57	
17/12/2024 06:25	10.89	0	108.7	15.26	16.25	0	28.44	15.52	26.84	0	267.95	41.95	0	73.43	
17/12/2024 06:30	11.11	0	103.67	15.3	16.86	0	27.78	15.52	27.6	0	256.91	43.57	0	71.81	
17/12/2024 06:35	11.2	0	106.77	15.27	16.46	0	31.95	15.49	27.64	0	263.42	42.32	0	82.08	
17/12/2024 06:40	11.06	0	105.92	15.26	16.35	0	28.82	15.51	27.26	0	261.02	42.2	0	74.38	
17/12/2024 06:45	10.97	0	102.99	15.29	16.38	0	29.03	15.53	27.23	0	254.93	42.36	0	75.08	
17/12/2024 06:50	11.27	0	107.94	15.27	16.01	0	32.32	15.48	27.83	0	266.66	41.12	0	82.68	
17/12/2024 06:55	11.3	0	108.03	15.27	16.43	0	28.86	15.51	27.89	0	266.73	42.39	0	74.46	
17/12/2024 07:00	11.06	0	101.77	15.29	16.19	0	27.57	15.53	27.4	0	251.89	41.86	0	71.31	
17/12/2024 07:05	11.23	0	107.48	15.26	15.86	0	31.34	15.49	27.69	0	264.95	40.78	0	80.2	
17/12/2024 07:10	10.97	0	108.17	15.26	16.48	0	28.06	15.53	27.02	0	266.49	42.66	0	72.66	
17/12/2024 07:15	11.12	0	103.6	15.3	16.58	0	27.1	15.55	27.61	0	256.64	43.06	0	70.38	
17/12/2024 07:20	11.42	0	107.15	15.27	16.16	0	31.01	15.49	28.17	0	264.37	41.58	0	79.38	
17/12/2024 07:25	11.64	0	107.14	15.26	16.56	0	28.53	15.5	28.69	0	264.1	42.64	0	73.46	
17/12/2024 07:30	11.33	0	102.97	15.3	17.13	0	27.39	15.51	28.15	0	255.11	44.17	0	70.64	
17/12/2024 07:35	11.17	0	106.49	15.27	16.52	0	29.48	15.48	27.59	0	262.98	42.42	0	75.47	
17/12/2024 07:40	11.14	0	106.2	15.27	16.68	0	27.66	15.52	27.49	0	262.08	43.09	0	71.43	
17/12/2024 07:45	11.05	0	103.76	15.29	17.08	0	26.9	15.52	27.41	0	257.03	44.12	0	69.49	
17/12/2024 07:50	11.38	0	105.95	15.27	16.45	0	30.56	15.49	28.11	0	261.62	42.32	0	78.26	
17/12/2024 07:55	11.48	0	105.66	15.27	16.92	0	27.71	15.53	28.34	0	260.73	43.84	0	71.78	
17/12/2024 08:00	11.22	0	103.68	15.29	16.89	0	27.38	15.53	27.85	0	256.74	43.76	0	70.92	
17/12/2024 08:05	11.26	0	106.83	15.27	16.34	0	30.47	15.5	27.79	0	263.66	42.13	0	78.17	
17/12/2024 08:10	11.56	0	106.91	15.26	16.71	0	27.17	15.56	28.52	0	263.66	43.46	0	70.68	
17/12/2024 08:15	10.91	0	102.1	15.29	16.08	0	27.93	15.56	27.07	0	252.95	41.88	0	72.74	
17/12/2024 08:20	11.27	0	106.16	15.27	15.84	0	30.8	15.54	27.84	0	262.18	41.09	0	79.47	
17/12/2024 08:25	11.39	0	105.44	15.27	16.42	0	26.87	15.59	28.12	0	260.26	43.02	0	70.4	
17/12/2024 08:30	10.85	0	103.6	15.3	16.34	0	27.21	15.6	26.96	0	256.69	42.83	0	71.32	
17/12/2024 08:35	10.41	0	106.4	15.27	15.77	0	29.72	15.54	25.7	0	262.7	40.96	0	76.81	
17/12/2024 08:40	10.05	0	105.95	15.27	16.44	0	26.79	15.54	24.8	0	261.53	42.88	0	69.44	
17/12/2024 08:45	10.47	0	102.95	15.3	16.55	0	27.29	15.54	26.02	0	255.12	42.89	0	70.72	
17/12/2024 08:50	10.59	0	106.87	15.27	16.14	0	31.06	15.52	26.15	0	263.94	41.69	0	79.79	
17/12/2024 08:55	10.42	0	107.48	15.27	16.48	0	28.22	15.57	25.74	0	265.46	42.99	0	73.61	
17/12/2024 09:00	10.69	0	103.32	15.3	16.59	0	29.77	15.58	26.56	0	256.05	43.31	0	77.71	
17/12/2024 09:05	10.72	0	105.64	15.27	16.02	0	31.63	15.54	26.48	0	260.86	41.56	0	81.65	
17/12/2024 09:10	10.47	0	105.08	15.26	16.59	0	26.15	15.58	25.82	0	259.16	43.39	0	68.4	
17/12/2024 09:15	10.84	0	101.31	15.3	17.1	0	26.75	15.59	26.95	0	251.02	44.8	0	70.08	
17/12/2024 09:20	10.67	0	105.67	15.27	16.47	0	30.1	15.49	26.33	0	260.8	42.4	0	77.05	
17/12/2024 09:25	10.66	0	105.98	15.26	17.26	0	27.08	15.37	26.27	0	261.32	43.4	0	68.1	
17/12/2024 09:30	11.02	0	102.05	15.29	17.08	0	27.47	15.39	27.32	0	252.73	43.06	0	69.27	
17/12/2024 09:35	11.59	0	105.65	15.28	16.47	0	30.51	15.39	28.65	0	261.15	41.54	0	76.81	
17/12/2024 09:40	11.97	0	105.83	15.28	16.89	0	27.38	15.44	29.58	0	261.59	43.05	0	69.78	
17/12/2024 09:45	11.18	0	101.97	15.3	17.31	0	26.73	15.45	27.78	0	252.81	44.18	0	68.24	
17/12/2024 09:50	11.23	0	105.14	15.28	16.75	0	29.63	15.44	27.77	0	259.9	42.67	0	75.25	
17/12/2024 09:55	11.34	0	104.81	15.27	17.09	0	26.67	15.49	28.02	0	258.86	43.91	0	68.5	
17/12/2024 10:00	10.74	0	101.72	15.29	16.9	0	26.54	15.5	26.64	0	252.22	43.5	0	68.31	
17/12/2024 10:05	11.11	0	105.64	15.28	16.51	0	28.82	15.47	27.49	0	261.26	42.31	0	73.65	
17/12/2024 10:10	11.02	0	105.08	15.28	16.9	0	26.45	15.5	27.22	0	259.66	43.51	0	68.11	
17/12/2024 10:15	10.52	0	102.32	15.29	17.14	0	27.63	15.5	26.11	0	253.48	44.14	0	71.17	
17/12/2024 10:20	10.49	0	106.43	15.28	16.38	0	29.99	15.48	25.93	0	263.04	42.06	0	76.7	
17/12/2024 10:25	10	0	106.36	15.27	16.77	0	26.44	15.52	24.69	0	262.61	43.32	0	68.3	
17/12/2024 10:30	10.68	0	102.79	15.3	16.87	0	26.98	15.53	26.56	0	254.9	43.62	0	69.76	
17/12/2024 10:35	10.37	0	106.25	15.28	16.37	0	31.46	15.48	25.64	0	262.63	42.04	0	80.35	
17/12/2024 10:40	9.78	0	106.45	15.27	16.64	0	28.11	15.51	24.16	0	262.91	42.87	0	72.44	
17/12/2024 10:45	10.82	0	102.44	15.3	17.31	0	26.93	15.52	26.91	0	254.12	44.69	0	69.51	
17/12/2024 10:50	10.87	0	106.42	15.28	16.61	0	29.85	15.5	26.9	0	263.29	42.75	0	76.55	
17/12/2024 10:55	10.67	0	106.92	15.28	16.84	0	27.61	15.55	26.39	0	264.44	43.8	0	71.8	
17/12/2024 11:00	10.45	0	104.06	15.3	17.21	0	27.91	15.56	25.99	0	258.14	44.79	0	72.64	
17/12/2024 11:05	10.41	0	106.87	15.28	16.39	0	32.39	15.51	25.73	0	264.1	42.37	0	83.16	
17/12/2024 11:10	10	0	107.7	15.27	16.83	0	27.9	15.56	24.69	0	265.92	43.79	0	72.57	
17/12/2024 11:15	10.84	0	103.13	15.3	17.26	0	26.76	15.56	26.97	0	255.88	44.96	0	69.71	
17/12/2024 11:20	10.98	0	105.73	15.28	16.58	0	29.92	15.52	27.14	0	261.36	42.91	0	77.01	
17/12/2024 11:25	11	0	105.88	15.28	16.71	0	27.56	15.57	27.18	0	261.63	43.58	0	71.88	
17/12/2024 11:30	10.76	0	101.31	15.29	17.65	0	27.03	15.58	26.73	0	251.05	46.1	0	70.61	
17/12/2024 11:35	10.98	0	105.3	15.27	17.07	0	30.75	15.54	27.12	0	260.03	44.29	0	79.28	
17/12/2024 11:40	11.23	0	104.58	15.27	16.86	0	26.79	15.59	27.74	0	258.21	44.14	0	70.13	
17/12/2024 11:45	10.98	0	101.82	15.3	17.42	0	27.14	15.6	27.33	0	252.37	45.73	0	71.22	
17/12/2024 11:50	11.21	0	105.4	15.27	16.72	0	31.33	15.55	27.69	0	260.32	43.48	0	80.9	
17/12/2024 11:55	10.89	0	104.41	15.27	17	0	27.84	15.57	26.87	0	257.57	44.31	0	72.58	
17/12/2024 12:00	11.16	0	102.38	15.3	17.04	0	27.76	15.58	27.76	0	253.79	44.54	0	72.58	
17/12/2024 12:05	11.11	0	106	15.27	16.62	0	30.47	15.54	27.4	0	261.56	43.17	0	78.73	
17/12/2024 12:10	11.42	0	105.59	15.26	17.02	0	27.39	15.56	28.16	0	260.36	44.31	0	71.3	
17/12/2024 12:15	10.98	0	100.71	15.29	17.45	0	26.54	15.57	27.25	0	249.04	45.46	0	69.16	
17/12/2024 12:20	11.43	0	105.38	15.26	16.72	0	29.15	15.53	28.16	0	259.73	43.28	0	75.13	
17/12/2024 12:25	11.36	0	104.69	15.26	16.79	0	27.77	15.53	27.98	0	257.84	43.46	0	71.85	
17/12/2024 12:30	11.														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
17/12/2024 13:30	10.56	0	102.58	15.28	16.98	0	27.59	15.5	26.16	0	253.49	43.74	0	71.06	
17/12/2024 13:35	10.72	0	106.24	15.26	16.4	0	30.7	15.49	26.39	0	261.61	42.19	0	78.6	
17/12/2024 13:40	10.75	0	105.56	15.25	17.01	0	27.33	15.55	26.46	0	259.85	44.19	0	71	
17/12/2024 13:45	10.81	0	102.12	15.29	17.86	0	27.98	15.52	26.82	0	252.54	46.13	0	72.26	
17/12/2024 13:50	10.65	0	105.61	15.26	17.11	0	30.37	15.56	26.25	0	260.15	44.58	0	78.69	
17/12/2024 13:55	10.75	0	105.2	15.25	16.34	0	26.33	15.78	26.45	0	258.89	44.43	0	71.53	
17/12/2024 14:00	10.79	0	102.47	15.3	17.11	0	26.17	15.79	26.87	0	253.71	46.53	0	71.16	
17/12/2024 14:05	9.95	0	105.94	15.25	16.08	0	29.56	15.74	24.5	0	260.84	43.4	0	78.87	
17/12/2024 14:10	9.56	0	105.44	15.25	15.62	0	25.6	15.93	23.52	0	259.32	43.72	0	71.6	
17/12/2024 14:15	10.32	0	102.96	15.31	15.93	0	25.78	15.96	25.8	0	255.48	44.78	0	72.49	
17/12/2024 14:20	10.96	0	107.08	15.27	15.56	0	29.03	15.85	27.05	0	264.19	42.91	0	79.08	
17/12/2024 14:25	11.44	0	107.67	15.27	16.13	0	26.07	15.88	28.22	0	265.63	44.64	0	72.18	
17/12/2024 14:30	10.69	0	102.05	15.3	15.59	0	25.62	15.91	26.59	0	253.13	43.46	0	71.43	
17/12/2024 14:35	10.68	0	106.3	15.27	15.44	0	28.66	15.85	26.35	0	262.23	42.57	0	78.12	
17/12/2024 14:40	10.66	0	105.98	15.26	15.5	0	25.18	16.05	26.27	0	261.32	44.46	0	72.21	
17/12/2024 14:45	10.74	0	103.24	15.32	16.05	0	24.52	16.09	26.84	0	256.17	46.37	0	70.87	
17/12/2024 14:50	11	0	107.4	15.27	15.82	0	29.1	15.94	27.17	0	265.25	44.48	0	81.64	
17/12/2024 14:55	11.61	0	107.97	15.27	15.8	0	25.46	15.95	28.67	0	266.65	44.45	0	71.57	
17/12/2024 15:00	10.67	0	102.59	15.31	15.67	0	24.69	16.08	26.66	0	254.54	45.2	0	71.2	
17/12/2024 15:05	11.03	0	105.36	15.27	15.52	0	28.24	15.92	27.2	0	259.95	43.49	0	77.99	
17/12/2024 15:10	11.78	0	105.33	15.27	15.66	0	24.9	16.06	29.07	0	259.92	45.02	0	71.57	
17/12/2024 15:15	10.58	0	103.67	15.31	16.07	0	24.69	16.1	26.41	0	257.15	46.54	0	71.54	
17/12/2024 15:20	10.49	0	106.24	15.27	15.73	0	28.63	15.98	25.89	0	262.1	44.54	0	80.91	
17/12/2024 15:25	10.27	0	105.77	15.26	15.77	0	25.43	16.02	25.31	0	260.78	44.93	0	72.38	
17/12/2024 15:30	10.33	0	103.13	15.32	16.24	0	25.15	16.07	25.88	0	256.23	46.78	0	72.43	
17/12/2024 15:35	11.21	0	106.81	15.27	15.8	0	29.45	15.9	27.7	0	263.91	44.11	0	80.92	
17/12/2024 15:40	11.25	0	105.88	15.27	15.52	0	26.04	16.01	27.77	0	261.34	44.18	0	74.07	
17/12/2024 15:45	10.38	0	104.31	15.34	14.93	0	25.42	16.16	26.09	0	259.72	43.73	0	74.49	
17/12/2024 15:50	10.09	0	107.14	15.27	14.93	0	28.91	15.98	24.93	0	264.63	42.3	0	80.67	
17/12/2024 15:55	9.48	0	106.11	15.26	15.59	0	25.15	16.11	23.39	0	261.7	45.3	0	72.99	
17/12/2024 16:00	9.91	0	103.3	15.33	15.47	0	24.35	16.22	24.85	0	256.66	45.91	0	72.28	
17/12/2024 16:05	10.84	0	107.65	15.28	15.12	0	28.79	16.01	26.8	0	266.22	43.2	0	80.61	
17/12/2024 16:10	11.19	0	107.48	15.28	15.33	0	25.38	16.11	27.65	0	265.61	44.59	0	73.71	
17/12/2024 16:15	10.54	0	105.23	15.33	14.74	0	25.22	16.3	26.41	0	261.79	44.53	0	76.21	
17/12/2024 16:20	10.62	0	107.21	15.28	14.65	0	28.6	16.08	26.28	0	265.17	42.46	0	81.51	
17/12/2024 16:25	10.38	0	106.88	15.27	15.27	0	24.6	16.22	25.62	0	263.95	45.42	0	73.08	
17/12/2024 16:30	10.32	0	103.71	15.34	14.33	0	24.35	16.41	25.97	0	258.19	44.4	0	75.45	
17/12/2024 16:35	10.18	0	107.49	15.27	14.41	0	28.82	16.16	25.15	0	265.57	42.5	0	83.17	
17/12/2024 16:40	10.34	0	107.38	15.27	15.39	0	24.7	16.24	25.55	0	265.19	46.03	0	73.75	
17/12/2024 16:45	10.42	0	104.18	15.36	14.34	0	23.67	16.53	26.32	0	259.84	45.57	0	75.21	
17/12/2024 16:50	11.08	0	107.81	15.29	14.43	0	28.72	16.24	27.44	0	266.94	43.34	0	84	
17/12/2024 16:55	11.41	0	107.34	15.28	15.17	0	24.38	16.34	28.23	0	265.7	46.38	0	74.42	
17/12/2024 17:00	10.14	0	103.93	15.35	13.78	0	23.64	16.53	25.56	0	259.06	43.8	0	75.15	
17/12/2024 17:05	10.47	0	107.79	15.28	14.04	0	28.02	16.24	25.9	0	266.72	42.1	0	82.1	
17/12/2024 17:10	10	0	108.05	15.28	15.32	0	24.93	16.23	24.71	0	267	45.69	0	74.26	
17/12/2024 17:15	9.98	0	104.82	15.34	14.74	0	24.14	16.44	25.14	0	261.09	45.97	0	75.28	
17/12/2024 17:20	11	0	108.1	15.29	15.01	0	28.01	16.14	27.24	0	267.64	44.02	0	80.72	
17/12/2024 17:25	11.42	0	109.16	15.29	15.73	0	26.07	16.03	28.29	0	270.34	44.93	0	74.4	
17/12/2024 17:30	10.7	0	104.25	15.34	15.5	0	25.32	16.22	26.87	0	259.56	46.03	0	75.19	
17/12/2024 17:35	10.72	0	107.16	15.28	15.32	0	29.39	16	26.52	0	265.11	43.71	0	82.34	
17/12/2024 17:40	10.44	0	106.33	15.28	15.73	0	26.12	15.97	25.8	0	262.82	44.42	0	73.69	
17/12/2024 17:45	10.62	0	103.92	15.34	15.52	0	25.22	16.13	26.7	0	258.84	45.24	0	73.54	
17/12/2024 17:50	11.75	0	103.29	15.25	15.48	0	29.02	15.9	28.9	0	253.98	43.21	0	79.85	
17/12/2024 17:55	12.09	0	101.42	15.23	16.14	0	27.64	15.76	29.63	0	248.49	43.7	0	74.8	
17/12/2024 18:00	11.9	0	99.1	15.27	16.19	0	27.02	15.86	29.44	0	243.96	44.64	0	74.49	
17/12/2024 18:05	12.06	0	102.51	15.23	16.03	0	31.12	15.73	29.57	0	251.22	43.2	0	83.73	
17/12/2024 18:10	11.17	0	102.63	15.22	16.26	0	28.17	15.67	27.34	0	251.16	43.21	0	74.85	
17/12/2024 18:15	11.42	0	99.38	15.26	16.97	0	27.23	15.73	28.22	0	244.51	45.59	0	73.15	
17/12/2024 18:20	11.15	0	105.94	15.27	16.34	0	30.93	15.63	27.54	0	261.59	43.19	0	81.08	
17/12/2024 18:25	10.47	0	107.17	15.27	16.23	0	29.48	15.59	25.85	0	264.61	42.51	0	77.18	
17/12/2024 18:30	10.66	0	105.2	15.31	16.46	0	29.42	15.63	26.54	0	261.12	43.37	0	77.52	
17/12/2024 18:35	10.95	0	109.32	15.28	16	0	32.62	15.55	27.1	0	270.5	41.65	0	84.47	
17/12/2024 18:40	11.09	0	110.02	15.28	16.56	0	29.84	15.55	27.44	0	272.16	43.03	0	77.54	
17/12/2024 18:45	10.28	0	105.38	15.3	16.66	0	28.61	15.56	25.57	0	261.3	43.39	0	74.5	
17/12/2024 18:50	10.53	0	108.66	15.28	16.2	0	30.67	15.52	26.02	0	268.51	41.93	0	79.06	
17/12/2024 18:55	9.75	0	108.77	15.26	16.52	0	29.53	15.57	24.05	0	268.25	43.07	0	77.01	
17/12/2024 19:00	10.66	0	104.85	15.31	17.23	0	29.34	15.59	26.53	0	260.15	45.08	0	76.78	
17/12/2024 19:05	11.04	0	107.7	15.28	16.41	0	33.21	15.53	27.3	0	266.33	42.55	0	85.57	
17/12/2024 19:10	10.7	0	107.63	15.27	16.51	0	29.32	15.57	26.43	0	265.73	43.09	0	76.53	
17/12/2024 19:15	10.97	0	104.96	15.31	16.9	0	29.42	15.58	27.35	0	260.6	44.19	0	76.91	
17/12/2024 19:20	10.64	0	108.54	15.28	16.07	0	32.99	15.53	26.3	0	268.35	41.69	0	85.07	
17/12/2024 19:25	10.28	0	108.2	15.27	16.42	0	29.63	15.56	25.39	0	267.23	42.79	0	77.19	
17/12/2024 19:30	10.38	0	105.17	15.3	16.5	0	29.12	15.58	25.82	0	260.86	43.11	0	76.07	
17/12/2024 19:35	10.42	0	108.3	15.28	16.08	0	33.47	15.52	25.74	0	267.7	41.58	0	86.02	
17/12/2024 19:40	10.55	0	108.53	15.27	16.48	0	29.1	15.53	26.06	0	268.12	42.69	0	75.36	
17/12/2024 19:45	10.38	0	105.38	15.3	16.53	0	29.44	15.55	25.81	0	261.37	42.97	0	76.53	
17/12/2024 19:50	10.61	0	108.63	15.28	15.99	0	32.94	15.51	26.22	0	268.51	41.26	0	84.56	
17/12/2024 19:55	11.23	0	109.06	15.28	16.56	0	29.76	15.52	27.78	0	269.66	42.81	0	76.91	
17/12/2024 20:00	10.77														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
17/12/2024 21:00	10.07	0	107.4	15.3	15.9	0	32.5	15.55	25.01	0	266.16	41.32	0	84.41	
17/12/2024 21:05	10.34	0	110.51	15.27	15.33	0	36.31	15.51	25.52	0	272.9	39.56	0	93.26	
17/12/2024 21:10	10.44	0	110.89	15.27	16.13	0	31.19	15.54	25.76	0	273.72	41.84	0	80.89	
17/12/2024 21:15	10.49	0	105.09	15.3	16.04	0	31.41	15.56	26.07	0	260.74	41.78	0	81.81	
17/12/2024 21:20	10.42	0	110.42	15.27	15.52	0	35.32	15.51	25.73	0	272.76	40.06	0	90.71	
17/12/2024 21:25	10.39	0	110.53	15.27	16.03	0	32.01	15.52	25.66	0	272.91	41.44	0	82.73	
17/12/2024 21:30	10.46	0	106.89	15.3	16.75	0	32.23	15.54	25.99	0	265	43.43	0	83.58	
17/12/2024 21:35	10.44	0	109.67	15.27	16.19	0	34.73	15.5	25.79	0	270.99	41.72	0	89.19	
17/12/2024 21:40	10.47	0	109.33	15.27	16.1	0	32.56	15.53	25.86	0	270.09	41.7	0	84.33	
17/12/2024 21:45	10.44	0	107.19	15.3	16.4	0	31.87	15.55	25.94	0	265.78	42.64	0	82.84	
17/12/2024 21:50	10.33	0	110.3	15.27	15.83	0	34.27	15.51	25.5	0	272.36	40.85	0	88.14	
17/12/2024 21:55	10.36	0	110	15.26	16.22	0	32.71	15.52	25.54	0	271.22	41.93	0	84.54	
17/12/2024 22:00	10.38	0	106.46	15.3	16.41	0	32.91	15.54	25.79	0	263.86	42.58	0	85.41	
17/12/2024 22:05	10.25	0	110.53	15.27	15.99	0	36.28	15.51	25.31	0	272.97	41.23	0	93.52	
17/12/2024 22:10	10.16	0	110.72	15.27	16.12	0	33.01	15.52	25.07	0	273.29	41.68	0	85.35	
17/12/2024 22:15	10.24	0	106.11	15.3	16.43	0	33.66	15.54	25.45	0	263.03	42.6	0	87.28	
17/12/2024 22:20	10.14	0	109.51	15.27	15.89	0	36.01	15.5	25.06	0	270.58	40.95	0	92.44	
17/12/2024 22:25	10.09	0	109.73	15.27	16.23	0	31.3	15.52	24.92	0	270.94	41.97	0	80.91	
17/12/2024 22:30	10.34	0	106.43	15.3	16.56	0	29.97	15.54	25.71	0	263.78	42.93	0	77.71	
17/12/2024 22:35	10.66	0	109.98	15.27	16.03	0	33.72	15.5	26.34	0	271.61	41.26	0	86.38	
17/12/2024 22:40	10.72	0	110.72	15.27	16.18	0	31.38	15.51	26.45	0	273.22	41.76	0	80.98	
17/12/2024 22:45	10.71	0	106.17	15.29	16.78	0	29.66	15.53	26.58	0	262.96	43.39	0	76.72	
17/12/2024 22:50	10.83	0	108.36	15.27	16.24	0	33.28	15.49	26.74	0	267.65	41.79	0	85.27	
17/12/2024 22:55	11.14	0	107.81	15.27	16.32	0	31.55	15.54	27.51	0	266.19	42.3	0	81.79	
17/12/2024 23:00	10.76	0	105.55	15.3	16.66	0	31.73	15.55	26.75	0	261.77	43.32	0	82.49	
17/12/2024 23:05	10.59	0	108.49	15.28	16.18	0	33.28	15.51	26.18	0	268.16	41.77	0	85.69	
17/12/2024 23:10	10.67	0	107.53	15.27	16.43	0	31.08	15.53	26.36	0	265.65	42.54	0	80.45	
17/12/2024 23:15	10.59	0	105.83	15.3	16.4	0	32.16	15.54	26.35	0	262.61	42.56	0	83.44	
17/12/2024 23:20	10.64	0	109.82	15.28	16.02	0	35.83	15.51	26.3	0	271.54	41.36	0	92.46	
17/12/2024 23:25	10.83	0	109.75	15.28	16.29	0	31.84	15.54	26.76	0	271.28	42.28	0	82.63	
17/12/2024 23:30	10.44	0	105.84	15.3	16.42	0	30.12	15.55	25.95	0	262.36	42.65	0	78.26	
17/12/2024 23:35	10.41	0	109.1	15.28	15.86	0	33.68	15.51	25.74	0	269.7	40.94	0	86.53	
17/12/2024 23:40	10.25	0	109.7	15.28	16.41	0	31.22	15.53	25.34	0	271.16	42.5	0	80.88	
17/12/2024 23:45	10.39	0	105.21	15.3	16.61	0	30.45	15.54	25.83	0	260.9	43.12	0	79.03	
17/12/2024 23:50	10.52	0	108.77	15.27	16.17	0	34.54	15.51	25.97	0	268.62	41.7	0	88.96	
17/12/2024 23:55	10.48	0	109.5	15.27	16.13	0	31.21	15.54	25.86	0	270.14	41.82	0	80.92	
18/12/2024 00:00	10.12	0	103.8	15.29	16.57	0	29.97	15.56	25.13	0	257.19	43.13	0	77.97	
18/12/2024 00:05	10.43	0	108.64	15.27	15.96	0	33.63	15.52	25.72	0	268.02	41.25	0	86.5	
18/12/2024 00:10	10.66	0	107.73	15.26	16.16	0	30.56	15.54	26.27	0	265.56	41.87	0	79.2	
18/12/2024 00:15	10.7	0	105.68	15.3	16.65	0	30.84	15.54	26.6	0	261.94	43.17	0	79.98	
18/12/2024 00:20	10.17	0	109.27	15.27	15.98	0	35.26	15.5	25.11	0	269.7	41.15	0	90.72	
18/12/2024 00:25	9.94	0	109.47	15.26	16.06	0	31.89	15.5	24.5	0	269.91	41.36	0	82.12	
18/12/2024 00:30	10.43	0	106.16	15.3	16.22	0	32.11	15.52	25.91	0	263.17	41.92	0	82.99	
18/12/2024 00:35	10.51	0	108.8	15.27	15.69	0	35.09	15.49	25.96	0	268.63	40.35	0	89.87	
18/12/2024 00:40	10.61	0	109.02	15.27	16.14	0	31.42	15.53	26.19	0	269.09	41.78	0	81.34	
18/12/2024 00:45	10.22	0	104.9	15.29	16.46	0	31.75	15.55	25.33	0	259.78	42.73	0	82.45	
18/12/2024 00:50	10.56	0	108.67	15.27	15.88	0	34.22	15.51	26.07	0	268.34	40.97	0	87.98	
18/12/2024 00:55	10.66	0	108.02	15.27	16	0	31.08	15.53	26.3	0	266.55	41.46	0	80.51	
18/12/2024 01:00	10.48	0	103.09	15.29	16.25	0	31.1	15.54	26.03	0	255.39	42.18	0	80.71	
18/12/2024 01:05	10.74	0	109.12	15.27	15.84	0	34.91	15.5	26.52	0	269.51	40.83	0	89.53	
18/12/2024 01:10	11.13	0	109.19	15.27	16.15	0	30.38	15.55	27.47	0	269.59	41.99	0	78.98	
18/12/2024 01:15	10.49	0	105.56	15.3	15.79	0	31.3	15.58	26.07	0	261.59	41.27	0	81.8	
18/12/2024 01:20	10.55	0	109.06	15.27	15.34	0	34.45	15.53	26.05	0	269.38	39.73	0	88.75	
18/12/2024 01:25	10.72	0	109.19	15.27	16.21	0	30.54	15.55	26.46	0	269.52	42.12	0	79.35	
18/12/2024 01:30	10.52	0	105.33	15.3	16.42	0	30.94	15.56	26.16	0	261.01	42.78	0	80.6	
18/12/2024 01:35	10.48	0	109.18	15.27	15.94	0	35.54	15.52	25.88	0	269.68	41.25	0	91.78	
18/12/2024 01:40	10.64	0	109.05	15.27	15.96	0	31.09	15.54	26.26	0	269.17	41.41	0	80.66	
18/12/2024 01:45	10.46	0	106.12	15.29	16.36	0	30.45	15.55	25.97	0	262.8	42.55	0	79.19	
18/12/2024 01:50	10.58	0	109.19	15.27	15.84	0	34.1	15.51	26.11	0	269.44	40.86	0	87.56	
18/12/2024 01:55	10.75	0	109.08	15.26	15.96	0	31.48	15.52	26.51	0	268.95	41.26	0	81.37	
18/12/2024 02:00	10.48	0	105.14	15.3	16.31	0	31.09	15.54	26.04	0	260.43	42.3	0	80.63	
18/12/2024 02:05	10.38	0	109.41	15.27	15.74	0	34.18	15.51	25.6	0	269.89	40.6	0	87.75	
18/12/2024 02:10	10.47	0	109.45	15.26	16.07	0	29.67	15.55	25.81	0	269.87	41.76	0	77.09	
18/12/2024 02:15	10.32	0	105.41	15.3	15.93	0	29.65	15.57	25.63	0	261.07	41.53	0	77.32	
18/12/2024 02:20	10.51	0	108.87	15.27	15.68	0	33.57	15.53	25.92	0	268.63	40.6	0	86.87	
18/12/2024 02:25	10.75	0	108.88	15.26	15.99	0	29.67	15.56	26.51	0	268.45	41.6	0	77.17	
18/12/2024 02:30	10.55	0	105.55	15.3	16.45	0	29.03	15.58	26.23	0	261.54	42.93	0	75.77	
18/12/2024 02:35	10.49	0	108.44	15.27	15.95	0	32.77	15.52	25.9	0	267.68	41.28	0	84.33	
18/12/2024 02:40	10.8	0	107.59	15.27	15.93	0	30.43	15.55	26.67	0	265.73	41.37	0	79.01	
18/12/2024 02:45	10.51	0	104.94	15.29	16.18	0	30.04	15.57	26.09	0	259.76	42.16	0	78.3	
18/12/2024 02:50	10.53	0	108.42	15.27	15.75	0	33.99	15.52	25.99	0	267.53	40.74	0	87.44	
18/12/2024 02:55	10.47	0	109.34	15.26	16.13	0	29.85	15.55	25.81	0	269.6	41.92	0	77.58	
18/12/2024 03:00	10.42	0	105.05	15.3	15.92	0	30.09	15.58	25.89	0	260.2	41.58	0	78.59	
18/12/2024 03:05	10.38	0	109.06	15.27	15.52	0	35.21	15.54	25.61	0	269.16	40.24	0	91.12	
18/12/2024 03:10	10.41	0	109.45	15.27	15.98	0	30.4	15.56	25.67	0	270.02	41.57	0	79.09	
18/12/2024 03:15	10.3	0	106.05	15.29	16.45	0	29.27	15.57	25.58	0	262.6	42.9	0	76.3	
18/12/2024 03:20	10.47	0	108.89	15.27	15.84	0	33.25	15.53	25.83	0	268.62	41.03	0	85.65	
18/12/2024 03:25	10.78	0	108.13	15.26	15.71	0	31.36	15.57	26.58	0	266.6	40.95	0	81.74	
18/12/2024 03:30	1														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
18/12/2024 04:30	10.32	0	107.3	15.29	15.91	0	30.15	15.6	25.59	0	265.46	41.7	0	79.06	
18/12/2024 04:35	10.37	0	109.13	15.26	15.58	0	31.26	15.55	25.56	0	268.96	40.49	0	81.09	
18/12/2024 04:40	10.27	0	109.2	15.26	15.85	0	30.33	15.56	25.29	0	269.03	41.28	0	78.98	
18/12/2024 04:45	10.43	0	105.56	15.29	16.6	0	30.4	15.58	25.89	0	261.23	43.4	0	79.47	
18/12/2024 04:50	10.59	0	109.11	15.25	15.86	0	34.13	15.53	26.07	0	268.64	41.12	0	87.97	
18/12/2024 04:55	10.97	0	109.28	15.25	16.12	0	29.98	15.57	26.98	0	268.78	42.07	0	78.22	
18/12/2024 05:00	10.49	0	106.1	15.28	16.12	0	30.29	15.59	25.99	0	262.34	42.17	0	79.24	
18/12/2024 05:05	10.59	0	109.34	15.26	15.66	0	32.55	15.54	26.09	0	269.44	40.64	0	84.12	
18/12/2024 05:10	10.58	0	109.58	15.25	16.16	0	30.02	15.56	26.05	0	269.81	42.09	0	78.15	
18/12/2024 05:15	10.46	0	106.17	15.29	16.17	0	30.09	15.59	25.94	0	262.6	42.31	0	78.74	
18/12/2024 05:20	10.37	0	109.01	15.26	15.69	0	33.34	15.54	25.55	0	268.68	40.75	0	86.12	
18/12/2024 05:25	10.33	0	108.98	15.26	15.98	0	29.57	15.58	25.46	0	268.64	41.77	0	77.26	
18/12/2024 05:30	10.81	0	104	15.29	16.36	0	30.2	15.6	26.86	0	257.39	42.94	0	79.25	
18/12/2024 05:35	10.72	0	108.21	15.26	15.86	0	33.31	15.55	26.4	0	266.62	41.29	0	86.2	
18/12/2024 05:40	10.8	0	107.42	15.26	15.93	0	29.69	15.58	26.59	0	264.57	41.61	0	77.53	
18/12/2024 05:45	10.85	0	104.25	15.29	16.39	0	29.63	15.6	26.93	0	257.83	42.97	0	77.67	
18/12/2024 05:50	11.02	0	107.76	15.26	15.8	0	33.57	15.54	27.15	0	265.53	41.05	0	86.67	
18/12/2024 05:55	11.42	0	107.45	15.26	16.15	0	30.49	15.56	28.14	0	264.72	42	0	79.31	
18/12/2024 06:00	10.72	0	104.59	15.29	15.89	0	30.53	15.57	26.56	0	258.56	41.44	0	79.62	
18/12/2024 06:05	10.71	0	107.98	15.26	15.44	0	33.76	15.53	26.39	0	265.97	39.97	0	86.89	
18/12/2024 06:10	10.66	0	108.66	15.25	16.17	0	29.58	15.57	26.22	0	267.39	42.15	0	77.1	
18/12/2024 06:15	10.74	0	104.21	15.29	16.05	0	29.65	15.59	26.68	0	257.89	41.99	0	77.6	
18/12/2024 06:20	10.61	0	107.59	15.26	15.46	0	34.87	15.54	26.13	0	265.05	40.12	0	89.77	
18/12/2024 06:25	10.42	0	107.02	15.26	15.82	0	30.22	15.58	25.68	0	263.64	41.39	0	79.01	
18/12/2024 06:30	10.88	0	103.23	15.29	16.4	0	29.26	15.59	27	0	255.3	42.9	0	76.54	
18/12/2024 06:35	10.93	0	107.23	15.26	15.94	0	30.89	15.55	26.92	0	264.18	41.45	0	80.1	
18/12/2024 06:40	10.97	0	107.52	15.26	15.98	0	29.51	15.61	27.02	0	264.87	42.02	0	77.58	
18/12/2024 06:45	10.84	0	103.59	15.3	15.43	0	29.48	15.64	26.95	0	256.61	40.78	0	77.89	
18/12/2024 06:50	10.8	0	107.96	15.26	15.17	0	31.34	15.59	26.6	0	265.98	39.71	0	81.79	
18/12/2024 06:55	10.88	0	108.81	15.25	15.91	0	29.45	15.62	26.76	0	267.77	41.9	0	77.53	
18/12/2024 07:00	10.67	0	105.47	15.29	16.2	0	29.24	15.63	26.47	0	260.97	42.71	0	77.09	
18/12/2024 07:05	10.76	0	107.18	15.26	15.69	0	31.48	15.58	26.51	0	264.01	41.05	0	81.93	
18/12/2024 07:10	10.63	0	107.2	15.25	15.96	0	28.63	15.62	26.15	0	263.81	42.06	0	75.44	
18/12/2024 07:15	10.63	0	103.22	15.29	16.34	0	28.53	15.63	26.35	0	255.44	43.07	0	75.22	
18/12/2024 07:20	10.93	0	108.1	15.26	16	0	31.71	15.57	26.93	0	266.34	41.77	0	82.33	
18/12/2024 07:25	11.11	0	107.73	15.25	16.12	0	30.11	15.58	27.35	0	265.19	42.14	0	78.69	
18/12/2024 07:30	10.79	0	104.15	15.3	16.51	0	29.36	15.59	26.83	0	257.94	43.25	0	76.89	
18/12/2024 07:35	10.55	0	107.86	15.26	16.1	0	30.76	15.55	25.99	0	265.76	41.87	0	79.74	
18/12/2024 07:40	10.39	0	107.55	15.25	16.04	0	28.26	15.59	25.58	0	264.8	41.97	0	73.93	
18/12/2024 07:45	10.75	0	103.44	15.29	16.33	0	28.14	15.58	26.7	0	255.9	42.67	0	73.54	
18/12/2024 07:50	10.63	0	108.15	15.26	15.89	0	32.39	15.52	26.18	0	266.52	41.1	0	83.28	
18/12/2024 07:55	10.56	0	107.73	15.26	16.35	0	29.03	15.53	26.01	0	265.34	42.35	0	75.18	
18/12/2024 08:00	10.39	0	105.48	15.28	16.29	0	29.56	15.54	25.72	0	260.68	42.24	0	76.65	
18/12/2024 08:05	10.41	0	107.43	15.26	15.85	0	30.66	15.51	25.65	0	264.78	40.87	0	78.91	
18/12/2024 08:10	10.44	0	107.02	15.26	16.32	0	28.47	15.52	25.71	0	263.64	42.2	0	73.61	
18/12/2024 08:15	10.72	0	103.25	15.29	16.24	0	28.1	15.52	26.62	0	255.51	41.99	0	72.62	
18/12/2024 08:20	10.76	0	107.27	15.26	15.71	0	30.64	15.49	26.55	0	264.55	40.41	0	78.55	
18/12/2024 08:25	10.84	0	106.81	15.27	16.39	0	27.91	15.52	26.75	0	263.51	42.31	0	72.07	
18/12/2024 08:30	10.45	0	103.78	15.29	16.52	0	27.49	15.52	25.91	0	256.67	42.67	0	71.02	
18/12/2024 08:35	10.34	0	107.56	15.26	16.02	0	31	15.49	25.49	0	265.25	41.14	0	79.27	
18/12/2024 08:40	10.16	0	108.25	15.26	16.35	0	28.45	15.51	25.03	0	266.76	42.18	0	73.41	
18/12/2024 08:45	10.06	0	105.09	15.28	16.5	0	28.66	15.51	24.94	0	259.92	42.59	0	73.96	
18/12/2024 08:50	10.5	0	107.37	15.26	16	0	31.57	15.48	25.88	0	264.54	41.11	0	80.74	
18/12/2024 08:55	10.67	0	107.98	15.25	16.16	0	28.39	15.5	26.27	0	265.81	41.63	0	73.11	
18/12/2024 09:00	10.47	0	103.89	15.28	16.4	0	28.51	15.51	25.91	0	256.54	42.28	0	73.49	
18/12/2024 09:05	10.58	0	106.86	15.25	16	0	31.05	15.48	26.04	0	263.05	41.02	0	79.31	
18/12/2024 09:10	10.97	0	106.11	15.25	16.23	0	28.26	15.51	27	0	261.19	41.82	0	72.82	
18/12/2024 09:15	10.38	0	102.97	15.28	16.54	0	27.82	15.51	25.68	0	254.57	42.68	0	71.77	
18/12/2024 09:20	10.59	0	107.48	15.26	16.15	0	29.17	15.5	26.08	0	264.71	41.64	0	75.04	
18/12/2024 09:25	10.94	0	107.42	15.25	16.18	0	27.9	15.58	26.92	0	264.42	42.26	0	72.84	
18/12/2024 09:30	10.82	0	102.92	15.3	16.5	0	27.55	15.58	26.9	0	254.83	43.08	0	71.92	
18/12/2024 09:35	10.41	0	106.86	15.26	15.87	0	31.42	15.53	25.64	0	263.17	41.11	0	80.85	
18/12/2024 09:40	10.69	0	106.14	15.25	16.31	0	28.1	15.55	26.3	0	261.2	42.41	0	73.07	
18/12/2024 09:45	10.41	0	104.29	15.28	16.63	0	27.8	15.56	25.78	0	257.64	43.27	0	72.36	
18/12/2024 09:50	10.33	0	107.11	15.26	15.98	0	31.46	15.5	25.45	0	263.8	41.22	0	80.69	
18/12/2024 09:55	10.48	0	106.48	15.25	16.31	0	28.38	15.52	25.81	0	262.19	42.15	0	73.34	
18/12/2024 10:00	10.47	0	103.86	15.28	17.13	0	28.24	15.53	25.95	0	256.72	44.3	0	73.03	
18/12/2024 10:05	10.27	0	107.53	15.25	16.48	0	30.66	15.5	25.27	0	264.59	42.42	0	78.6	
18/12/2024 10:10	10.28	0	107.22	15.25	16.24	0	28.17	15.53	25.27	0	263.56	42.02	0	72.88	
18/12/2024 10:15	10.65	0	103.42	15.28	16.88	0	27.26	15.53	26.41	0	255.6	43.71	0	70.61	
18/12/2024 10:20	10.18	0	107.41	15.25	16.04	0	31.33	15.49	25.04	0	264.24	41.29	0	80.21	
18/12/2024 10:25	9.42	0	107.42	15.24	16.44	0	28.46	15.53	23.15	0	263.91	42.54	0	73.61	
18/12/2024 10:30	10.54	0	102.1	15.28	17	0	28.62	15.53	26.14	0	252.17	44.05	0	74.15	
18/12/2024 10:35	10.38	0	107.12	15.25	16.28	0	32.79	15.49	25.53	0	263.63	41.86	0	83.79	
18/12/2024 10:40	10.27	0	108.03	15.25	16.46	0	28.39	15.49	25.25	0	265.7	42.33	0	73	
18/12/2024 10:45	10.51	0	102.15	15.27	16.49	0	27.99	15.51	26.01	0	251.99	42.52	0	72.17	
18/12/2024 10:50	10.96	0	105.92	15.24	15.82	0	31.79	15.48	26.93	0	260.14	40.59	0	81.11	
18/12/2024 10:55	11.22	0	105.88	15.24	16.6	0	27.58	15.54	27.54	0	259.9	43.08	0	71.56	
18/12/2024 11:00	1														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
18/12/2024 12:00	10.73	0	103.09	15.24	16.96	0	28.25	15.54	26.41	0	252.93	43.96	0	73.23	
18/12/2024 12:05	10.74	0	106.75	15.21	16.34	0	31.39	15.5	26.22	0	260.73	42.09	0	80.4	
18/12/2024 12:10	10.75	0	106.73	15.21	16.53	0	27.69	15.52	26.25	0	260.64	42.73	0	71.57	
18/12/2024 12:15	10.83	0	102.87	15.24	16.46	0	28.26	15.51	26.66	0	252.5	42.43	0	72.83	
18/12/2024 12:20	10.24	0	106.61	15.2	15.88	0	30.13	15.48	24.98	0	260.15	40.77	0	77.02	
18/12/2024 12:25	9.81	0	106.89	15.2	16.43	0	27.32	15.5	23.92	0	260.52	42.34	0	70.39	
18/12/2024 12:30	10.76	0	102.6	15.23	16.98	0	27.47	15.49	26.41	0	251.1	43.59	0	70.55	
18/12/2024 12:35	10.65	0	106.17	15.19	16.45	0	30.91	15.45	25.95	0	258.56	42	0	78.48	
18/12/2024 12:40	11.28	0	106.45	15.2	16.5	0	27.56	15.49	27.49	0	259.38	42.39	0	70.78	
18/12/2024 12:45	10.54	0	102.7	15.22	17.14	0	27.78	15.48	25.87	0	251.23	43.96	0	71.24	
18/12/2024 12:50	10.19	0	105.9	15.19	16.38	0	30.56	15.49	24.8	0	257.82	42.08	0	78.11	
18/12/2024 12:55	10.2	0	105.5	15.19	16.17	0	27.55	15.6	24.83	0	256.71	42.42	0	72.25	
18/12/2024 13:00	10.3	0	103.11	15.22	17.01	0	27.19	15.55	25.25	0	252.01	44.17	0	70.61	
18/12/2024 13:05	10.23	0	106.55	15.19	16.22	0	30.03	15.56	24.92	0	259.44	42.24	0	77.65	
18/12/2024 13:10	10.36	0	107.44	15.19	16.05	0	26.5	15.74	25.21	0	261.42	43.27	0	71.42	
18/12/2024 13:15	10.31	0	103.17	15.24	16.37	0	26.85	15.75	25.38	0	252.65	44.19	0	72.51	
18/12/2024 13:20	10.08	0	106.51	15.19	15.75	0	28.59	15.71	24.54	0	259.34	42.27	0	76.2	
18/12/2024 13:25	10.02	0	106.23	15.19	15.75	0	25.45	15.87	24.37	0	258.5	43.5	0	70.28	
18/12/2024 13:30	10.58	0	99.8	15.26	15.95	0	25.6	15.87	26.22	0	244.4	44.08	0	70.75	
18/12/2024 13:35	10.38	0	105.45	15.18	15.54	0	28.34	15.84	25.24	0	256.46	42.79	0	77.04	
18/12/2024 13:40	10.72	0	104.67	15.18	15.23	0	24.29	16.1	26.05	0	254.35	44.17	0	70.37	
18/12/2024 13:45	10.37	0	102.44	15.25	15.11	0	23.86	16.23	25.64	0	250.82	44.93	0	70.97	
18/12/2024 13:50	10.12	0	106.41	15.19	14.93	0	28.06	16.07	24.66	0	259.19	43.14	0	80.75	
18/12/2024 13:55	9.81	0	107.25	15.19	15.23	0	24.68	16.11	23.9	0	261.18	44.29	0	71.7	
18/12/2024 14:00	10.23	0	102.91	15.25	15.05	0	24.47	16.17	25.33	0	252.36	44.23	0	71.91	
18/12/2024 14:05	10.44	0	106.59	15.19	14.74	0	26.47	16.04	25.41	0	259.52	42.34	0	75.28	
18/12/2024 14:10	9.83	0	106.55	15.18	14.97	0	24.19	16.17	23.89	0	258.97	44.05	0	71.09	
18/12/2024 14:15	10.02	0	104.5	15.25	14.86	0	23.34	16.35	24.79	0	256.65	45.41	0	71.35	
18/12/2024 14:20	10.68	0	106.8	15.19	14.79	0	27.72	16.09	26.02	0	260.13	43.02	0	78.74	
18/12/2024 14:25	10.44	0	106.86	15.19	14.94	0	24.31	16.15	25.4	0	260.02	43.77	0	71.15	
18/12/2024 14:30	10.43	0	103.13	15.26	15.07	0	24.36	16.24	25.85	0	253	44.95	0	72.69	
18/12/2024 14:35	10.29	0	106.47	15.19	14.86	0	27.92	16.07	25.07	0	259.37	42.93	0	79.07	
18/12/2024 14:40	10.3	0	106.22	15.19	14.93	0	24.11	16.24	25.08	0	258.67	44.62	0	71.94	
18/12/2024 14:45	10.64	0	102.08	15.3	14.77	0	23.38	16.39	26.6	0	251.77	45.48	0	71.98	
18/12/2024 14:50	10.95	0	107.27	15.21	14.69	0	26.44	16.15	26.75	0	262.1	43.21	0	76.49	
18/12/2024 14:55	11.31	0	108.14	15.21	14.98	0	24.73	16.13	27.62	0	264	43.72	0	72.08	
18/12/2024 15:00	10.49	0	103.41	15.3	15	0	24.35	16.28	26.23	0	255.3	45.1	0	73.21	
18/12/2024 15:05	10.52	0	107.6	15.21	14.69	0	29.66	16.04	25.7	0	262.89	42.31	0	83.2	
18/12/2024 15:10	10.72	0	108.06	15.21	15.09	0	24.94	16.11	26.17	0	263.88	43.81	0	72.36	
18/12/2024 15:15	10.5	0	103.94	15.28	14.76	0	24.74	16.26	26.1	0	255.87	44.19	0	74.08	
18/12/2024 15:20	10.25	0	107.89	15.21	14.58	0	28.67	16.08	25.04	0	263.68	42.22	0	81.42	
18/12/2024 15:25	10.67	0	108.41	15.21	14.78	0	25.42	16.13	26.08	0	264.94	43.13	0	74.06	
18/12/2024 15:30	10.44	0	102.08	15.28	14.88	0	24.91	16.25	25.91	0	251.84	44.46	0	74.41	
18/12/2024 15:35	10.51	0	105.91	15.22	14.96	0	28.27	16.06	25.75	0	259.33	43.14	0	80.09	
18/12/2024 15:40	11.05	0	106.08	15.23	15.04	0	23.94	16.17	27.07	0	259.89	44.3	0	70.49	
18/12/2024 15:45	10.61	0	105.06	15.28	15.08	0	24.24	16.26	26.37	0	259.07	45.2	0	72.67	
18/12/2024 15:50	10.31	0	108.62	15.22	14.97	0	28.62	16.09	25.23	0	265.75	43.43	0	82.84	
18/12/2024 15:55	10.73	0	108.7	15.22	14.94	0	24.81	16.15	26.26	0	265.96	43.8	0	72.65	
18/12/2024 16:00	9.9	0	105.45	15.28	14.75	0	23.21	16.42	24.64	0	260.41	45.75	0	71.97	
18/12/2024 16:05	10.54	0	106.74	15.22	14.69	0	27.33	16.17	25.82	0	261.44	43.41	0	78.99	
18/12/2024 16:10	10.86	0	106.45	15.23	14.84	0	24.17	16.27	26.61	0	260.81	44.6	0	72.6	
18/12/2024 16:15	10.22	0	103.03	15.33	14.42	0	24.09	16.44	25.7	0	255.53	44.94	0	75.08	
18/12/2024 16:20	10.44	0	107.69	15.23	14.27	0	27.89	16.22	25.6	0	263.94	42.61	0	81.46	
18/12/2024 16:25	11	0	107.81	15.23	14.56	0	24.02	16.31	26.97	0	264.29	44.13	0	72.71	
18/12/2024 16:30	10.49	0	102.63	15.29	14.33	0	23.99	16.43	26.15	0	253.9	44.52	0	74.51	
18/12/2024 16:35	9.97	0	107.86	15.23	14.32	0	28.74	16.13	24.43	0	264.32	42.1	0	82.3	
18/12/2024 16:40	10.36	0	107.77	15.23	14.82	0	24.89	16.13	25.38	0	264.03	43.23	0	72.55	
18/12/2024 16:45	10.48	0	101.7	15.29	14.52	0	24.33	16.29	26.06	0	251.35	43.79	0	73.35	
18/12/2024 16:50	10.65	0	105.62	15.23	14.7	0	28.25	16.07	26.1	0	258.9	42.47	0	80.03	
18/12/2024 16:55	11.42	0	105.08	15.23	15.22	0	24.12	16.16	28.01	0	257.73	44.75	0	70.82	
18/12/2024 17:00	11.59	0	100.53	15.28	15.56	0	23.95	16.23	28.78	0	247.48	46.34	0	71.3	
18/12/2024 17:05	12.36	0	100.37	15.19	15.31	0	27.41	16.07	30.08	0	244.22	44.27	0	77.82	
18/12/2024 17:10	13.05	0	101.61	15.19	14.86	0	23.84	16.29	31.76	0	247.31	44.9	0	71.91	
18/12/2024 17:15	12.04	0	95.37	15.26	13.98	0	22.4	16.58	29.79	0	234.2	44.95	0	72.03	
18/12/2024 17:20	12.3	0	101.15	15.19	14.43	0	28.05	16.26	29.92	0	246.11	43.43	0	83.96	
18/12/2024 17:25	12.44	0	100.94	15.18	15.25	0	24.64	16.08	30.23	0	245.34	44.08	0	71.11	
18/12/2024 17:30	10.96	0	103.47	15.29	15.17	0	23.47	16.36	27.29	0	255.64	46.46	0	71.88	
18/12/2024 17:35	10.1	0	108.12	15.23	15.3	0	30.14	15.96	24.76	0	265.08	43.44	0	84.94	
18/12/2024 17:40	10.78	0	108.84	15.23	16.83	0	29.36	15.33	26.44	0	266.89	42	0	73.26	
18/12/2024 17:45	10.67	0	105.7	15.26	16.71	0	30.27	15.35	26.32	0	260.35	41.83	0	75.77	
18/12/2024 17:50	10.55	0	109.22	15.24	16.13	0	33.56	15.43	25.91	0	268.39	40.97	0	84.92	
18/12/2024 17:55	10.94	0	109.3	15.24	15.38	0	26.29	15.96	26.87	0	268.52	43.37	0	74.06	
18/12/2024 18:00	10.27	0	105.88	15.29	15.39	0	25.74	16.09	25.56	0	261.48	44.46	0	74.34	
18/12/2024 18:05	10.29	0	108.76	15.24	15.21	0	28.99	15.92	25.28	0	267.22	42.64	0	80.16	
18/12/2024 18:10	10.77	0	108.09	15.24	15.43	0	26.76	15.97	26.44	0	265.49	43.52	0	75.43	
18/12/2024 18:15	10.51	0	106.9	15.3	15.57	0	25.44	16.18	26.24	0	264.95	45.88	0	74.96	
18/12/2024 18:20	10.58	0	109.56	15.25	15.31	0	29.86	15.92	26.03	0	269.6	43.03	0	82.37	
18/12/2024 18:25	10.63	0	109.58	15.25	15.94	0	27.37	15.75	26.12	0	269.36	43.07	0	73.92	
18/12/2024 18:30	10.44														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
18/12/2024 19:30	10.27	0	106.53	15.28	16.36	0	28.31	15.61	25.45	0	263.27	42.96	0	74.35	
18/12/2024 19:35	10.25	0	109.77	15.25	15.79	0	31.71	15.56	25.23	0	270.29	41.12	0	82.08	
18/12/2024 19:40	10.36	0	109.2	15.25	16.11	0	28.5	15.59	25.49	0	268.73	42.2	0	74.61	
18/12/2024 19:45	10.29	0	105.92	15.29	16.91	0	28.78	15.61	25.55	0	261.87	44.43	0	75.64	
18/12/2024 19:50	10.25	0	109.77	15.26	16.19	0	33.48	15.57	25.25	0	270.39	42.27	0	87.11	
18/12/2024 19:55	9.86	0	110.41	15.25	16.11	0	28.32	15.61	24.26	0	271.62	42.31	0	74.37	
18/12/2024 20:00	10.59	0	103.98	15.3	16.34	0	28.53	15.63	26.34	0	257.14	43.1	0	75.23	
18/12/2024 20:05	10.57	0	110	15.25	15.8	0	31.78	15.58	26.02	0	270.83	41.33	0	82.59	
18/12/2024 20:10	10.84	0	110.36	15.25	15.97	0	28.38	15.62	26.68	0	271.58	42.07	0	74.76	
18/12/2024 20:15	10.24	0	106.34	15.28	16.27	0	27.88	15.62	25.36	0	262.7	42.82	0	73.39	
18/12/2024 20:20	10.14	0	109.68	15.25	15.61	0	31.44	15.58	24.93	0	269.75	40.8	0	81.6	
18/12/2024 20:25	10.3	0	109.42	15.25	16.05	0	28.41	15.64	25.31	0	268.97	42.38	0	75.02	
18/12/2024 20:30	10.31	0	106.04	15.29	16.3	0	28.54	15.67	25.65	0	262.43	43.29	0	75.8	
18/12/2024 20:35	10.09	0	109.68	15.26	15.91	0	30.6	15.6	24.85	0	270.2	41.77	0	79.94	
18/12/2024 20:40	10.44	0	109.34	15.26	15.89	0	28.3	15.59	25.72	0	269.45	41.63	0	74.14	
18/12/2024 20:45	9.98	0	104.84	15.28	16.14	0	28.25	15.62	24.7	0	259.04	42.48	0	74.35	
18/12/2024 20:50	10.22	0	109.46	15.26	15.77	0	31.15	15.58	25.17	0	269.55	41.23	0	80.93	
18/12/2024 20:55	10.36	0	108.72	15.26	15.85	0	27.96	15.66	25.52	0	267.84	42.03	0	74.12	
18/12/2024 21:00	10.39	0	106.58	15.29	16.46	0	28.07	15.68	25.81	0	263.59	43.84	0	74.77	
18/12/2024 21:05	9.94	0	110.5	15.25	15.84	0	31.87	15.58	24.45	0	271.89	41.5	0	82.84	
18/12/2024 21:10	9.8	0	110.69	15.25	16.06	0	28.7	15.54	24.08	0	272.09	41.62	0	74.37	
18/12/2024 21:15	9.95	0	106.04	15.28	16.03	0	28.8	15.56	24.62	0	261.99	41.76	0	75.03	
18/12/2024 21:20	10.09	0	110.65	15.26	15.6	0	32.62	15.51	24.86	0	272.53	40.3	0	84.22	
18/12/2024 21:25	9.5	0	111.05	15.25	16.23	0	29.2	15.5	23.37	0	273.12	41.78	0	75.17	
18/12/2024 21:30	10.38	0	107.04	15.28	16.54	0	28.88	15.53	25.72	0	264.66	42.76	0	74.7	
18/12/2024 21:35	10.39	0	110.17	15.26	15.92	0	31.98	15.48	25.6	0	271.43	40.88	0	81.75	
18/12/2024 21:40	10.5	0	110.27	15.25	16.32	0	29.19	15.48	25.85	0	271.5	41.87	0	74.9	
18/12/2024 21:45	10.26	0	106.9	15.28	16.57	0	29.3	15.51	25.42	0	264.2	42.69	0	75.5	
18/12/2024 21:50	10.25	0	109.5	15.26	15.91	0	31.98	15.46	25.26	0	269.72	40.72	0	81.53	
18/12/2024 21:55	9.77	0	109.19	15.25	16.47	0	28.57	15.47	24.02	0	268.55	42.18	0	73.14	
18/12/2024 22:00	10.22	0	106.81	15.28	16.39	0	28.92	15.5	25.31	0	263.96	42.19	0	74.43	
18/12/2024 22:05	10.23	0	110	15.26	15.74	0	32.29	15.46	25.21	0	271.13	40.25	0	82.24	
18/12/2024 22:10	10.08	0	109.84	15.26	16.42	0	28.64	15.47	24.83	0	270.61	42.02	0	73.3	
18/12/2024 22:15	10.33	0	106.71	15.28	16.36	0	28.69	15.49	25.6	0	263.83	42.04	0	73.75	
18/12/2024 22:20	10.5	0	107.52	15.26	15.9	0	31.98	15.45	25.89	0	265.08	40.57	0	81.31	
18/12/2024 22:25	10.97	0	105.19	15.26	16.73	0	29.19	15.45	27.04	0	259.35	42.67	0	74.46	
18/12/2024 22:30	10.29	0	103.91	15.28	16.92	0	29.9	15.46	25.48	0	256.95	43.27	0	76.45	
18/12/2024 22:35	10.89	0	110.32	15.26	16.34	0	32.99	15.43	26.86	0	271.99	41.59	0	83.68	
18/12/2024 22:40	10.86	0	110.27	15.25	16.75	0	29.43	15.46	26.74	0	271.5	42.79	0	75.19	
18/12/2024 22:45	10.17	0	104.66	15.28	17.02	0	29.24	15.48	25.19	0	258.68	43.66	0	74.98	
18/12/2024 22:50	10.6	0	108.01	15.26	16.36	0	32.21	15.44	26.13	0	266.19	41.7	0	81.76	
18/12/2024 22:55	10.14	0	107.78	15.25	16.83	0	28.79	15.45	24.97	0	265.38	42.89	0	73.37	
18/12/2024 23:00	10.47	0	104.5	15.28	17.18	0	29.46	15.47	25.93	0	258.39	43.94	0	75.36	
18/12/2024 23:05	10.46	0	109.38	15.26	16.5	0	32.65	15.44	25.79	0	269.63	42	0	82.8	
18/12/2024 23:10	10.16	0	109.3	15.25	16.71	0	28.84	15.47	25	0	269.04	42.75	0	73.8	
18/12/2024 23:15	10.58	0	105.9	15.29	16.84	0	28.87	15.48	26.25	0	262.03	43.23	0	74.11	
18/12/2024 23:20	10.45	0	109.57	15.26	16.3	0	31.97	15.45	25.77	0	270.19	41.64	0	81.35	
18/12/2024 23:25	10.39	0	109.7	15.26	16.71	0	28.52	15.48	25.61	0	270.34	42.81	0	73.08	
18/12/2024 23:30	10.54	0	106.47	15.29	17.08	0	28.72	15.51	26.13	0	263.28	44.03	0	74.03	
18/12/2024 23:35	10.48	0	109.59	15.26	16.52	0	30.5	15.47	25.84	0	270.25	42.33	0	77.97	
18/12/2024 23:40	10.53	0	109.58	15.26	16.62	0	28.82	15.48	25.95	0	270.03	42.6	0	73.85	
18/12/2024 23:45	10.73	0	106.39	15.28	17.22	0	28.63	15.5	26.58	0	262.95	44.32	0	73.68	
18/12/2024 23:50	10.69	0	109.7	15.26	16.62	0	32.22	15.46	26.34	0	270.37	42.49	0	82.02	
18/12/2024 23:55	10.94	0	109.63	15.26	16.74	0	28.84	15.48	26.95	0	270.15	42.93	0	73.93	
19/12/2024 00:00	10.52	0	106.16	15.28	17.09	0	29.48	15.51	26.07	0	262.41	44.06	0	75.99	
19/12/2024 00:05	10.41	0	109.86	15.26	16.65	0	33.58	15.47	25.64	0	270.57	42.65	0	85.92	
19/12/2024 00:10	10.25	0	109.88	15.25	16.65	0	28.78	15.48	25.22	0	270.39	42.7	0	73.81	
19/12/2024 00:15	10.77	0	106.29	15.28	16.8	0	28.9	15.5	26.67	0	262.64	43.24	0	74.39	
19/12/2024 00:20	10.93	0	109.88	15.26	16.39	0	32.05	15.46	26.92	0	270.59	41.9	0	81.59	
19/12/2024 00:25	11.11	0	109.91	15.25	16.8	0	28.78	15.46	27.34	0	270.46	42.93	0	73.51	
19/12/2024 00:30	10.87	0	106.45	15.28	16.98	0	28.86	15.48	26.9	0	263.01	43.52	0	74	
19/12/2024 00:35	10.72	0	109.35	15.26	16.48	0	32.84	15.44	26.41	0	269.28	42.02	0	83.64	
19/12/2024 00:40	10.33	0	109.33	15.25	16.98	0	28.17	15.44	25.39	0	268.82	43.23	0	71.73	
19/12/2024 00:45	11	0	105.06	15.28	16.78	0	28.92	15.46	27.2	0	259.62	42.85	0	73.88	
19/12/2024 00:50	10.51	0	109.61	15.25	16.15	0	32.95	15.43	25.87	0	269.88	41.04	0	83.37	
19/12/2024 00:55	10.59	0	109.53	15.25	16.83	0	29.25	15.46	26.08	0	269.62	43.02	0	74.77	
19/12/2024 01:00	10.9	0	106.53	15.28	16.88	0	28.85	15.48	26.99	0	263.31	43.25	0	73.94	
19/12/2024 01:05	10.86	0	109.32	15.26	16.48	0	31.69	15.45	26.75	0	269.29	42.1	0	80.65	
19/12/2024 01:10	10.88	0	109.36	15.26	16.63	0	28.63	15.5	26.79	0	269.42	42.77	0	73.64	
19/12/2024 01:15	10.94	0	105.49	15.28	17.03	0	28.57	15.51	27.1	0	260.74	43.9	0	73.65	
19/12/2024 01:20	10.95	0	109.76	15.26	16.46	0	31.89	15.47	26.97	0	270.43	42.17	0	81.34	
19/12/2024 01:25	10.97	0	109.45	15.25	16.44	0	28.95	15.49	27.01	0	269.5	42.24	0	74.39	
19/12/2024 01:30	10.87	0	106.43	15.28	17.05	0	29.17	15.51	26.95	0	263.16	44.01	0	75.27	
19/12/2024 01:35	10.78	0	109.77	15.26	16.55	0	31.44	15.48	26.57	0	270.49	42.49	0	80.46	
19/12/2024 01:40	10.83	0	109.34	15.26	16.69	0	29.09	15.51	26.67	0	269.3	43.04	0	75	
19/12/2024 01:45	10.65	0	108.55	15.28	16.82	0	29.25	15.53	26.36	0	268.36	43.51	0	75.64	
19/12/2024 01:50	10.72	0	110.28	15.26	16.31	0	30.82	15.48	26.4	0	271.65	41.91	0	78.97	
19/12/2024 01:55	10.89	0	110.23	15.25	16.54	0	29.17	15.49	26.8	0	271.27	42.52	0	74.98	
19/12/2024 02:00	10.81	0	106.												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
19/12/2024 03:00	10.53	0	108.68	15.28	16.4	0	29.86	15.54	26.05	0	268.36	42.52	0	77.44	
19/12/2024 03:05	10.64	0	111.02	15.25	15.83	0	33.27	15.5	26.18	0	273.24	40.77	0	85.27	
19/12/2024 03:10	10.75	0	110.13	15.25	16.49	0	29.67	15.51	26.45	0	271	42.53	0	76.5	
19/12/2024 03:15	10.49	0	107.22	15.27	16.58	0	29.56	15.52	25.96	0	264.59	42.85	0	76.4	
19/12/2024 03:20	10.51	0	111.25	15.25	16.24	0	30.9	15.49	25.86	0	273.78	41.75	0	79.29	
19/12/2024 03:25	10.27	0	111.47	15.25	16.53	0	29.41	15.51	25.25	0	274.16	42.68	0	75.91	
19/12/2024 03:30	10.69	0	106.92	15.28	16.83	0	29.1	15.52	26.47	0	264.06	43.52	0	75.22	
19/12/2024 03:35	10.87	0	110.48	15.25	16.31	0	32.36	15.49	26.75	0	271.84	41.96	0	82.86	
19/12/2024 03:40	10.86	0	110.55	15.25	16.54	0	29.16	15.52	26.7	0	271.81	42.76	0	75.37	
19/12/2024 03:45	10.92	0	106.42	15.28	16.34	0	29.64	15.53	27.06	0	262.89	42.32	0	76.75	
19/12/2024 03:50	10.9	0	110.31	15.25	16.01	0	32.41	15.49	26.82	0	271.35	41.16	0	82.99	
19/12/2024 03:55	10.88	0	110.33	15.25	16.42	0	29.39	15.51	26.73	0	271.2	42.33	0	75.75	
19/12/2024 04:00	10.61	0	107.87	15.27	16.64	0	29.46	15.52	26.24	0	266.31	42.97	0	76.07	
19/12/2024 04:05	10.58	0	110.19	15.25	16.04	0	32.71	15.49	26.04	0	271.09	41.25	0	83.73	
19/12/2024 04:10	10.58	0	110.22	15.25	16.48	0	28.95	15.53	26	0	270.93	42.67	0	74.95	
19/12/2024 04:15	10.8	0	106.7	15.28	16.68	0	28.73	15.54	26.73	0	263.43	43.29	0	74.56	
19/12/2024 04:20	10.74	0	110.23	15.25	16.19	0	31.71	15.5	26.42	0	271.26	41.72	0	81.35	
19/12/2024 04:25	10.78	0	110.42	15.25	16.41	0	29.3	15.53	26.5	0	271.43	42.45	0	75.82	
19/12/2024 04:30	10.71	0	106.67	15.28	16.27	0	29.7	15.53	26.5	0	263.29	42.15	0	76.94	
19/12/2024 04:35	10.75	0	110.02	15.25	15.78	0	33.01	15.5	26.44	0	270.66	40.65	0	84.59	
19/12/2024 04:40	10.67	0	109.69	15.25	16.34	0	28.78	15.54	26.25	0	269.78	42.41	0	74.66	
19/12/2024 04:45	10.87	0	106.89	15.28	16.54	0	29.27	15.56	26.92	0	263.96	43.01	0	76.15	
19/12/2024 04:50	10.75	0	111.2	15.25	15.88	0	34.19	15.5	26.45	0	273.5	40.94	0	87.52	
19/12/2024 04:55	10.77	0	111.39	15.25	16.44	0	29.25	15.52	26.47	0	273.89	42.49	0	75.6	
19/12/2024 05:00	10.7	0	106.19	15.27	16.85	0	29.4	15.53	26.45	0	262.1	43.63	0	76.11	
19/12/2024 05:05	10.82	0	110.7	15.25	16.27	0	32.58	15.49	26.6	0	272.16	41.84	0	83.39	
19/12/2024 05:10	10.89	0	110.41	15.24	16.37	0	29.19	15.52	26.76	0	271.32	42.34	0	75.49	
19/12/2024 05:15	10.74	0	105.95	15.27	16.36	0	28.77	15.53	26.54	0	261.35	42.33	0	74.45	
19/12/2024 05:20	10.72	0	110.38	15.25	15.84	0	32.32	15.49	26.37	0	271.44	40.72	0	82.64	
19/12/2024 05:25	10.61	0	110.91	15.24	16.48	0	29.12	15.51	26.07	0	272.55	42.49	0	75.1	
19/12/2024 05:30	10.59	0	107.27	15.27	16.78	0	29.16	15.53	26.19	0	264.5	43.39	0	75.42	
19/12/2024 05:35	10.71	0	110.59	15.24	16.34	0	30.58	15.49	26.32	0	271.72	42.01	0	78.42	
19/12/2024 05:40	10.83	0	110.56	15.24	16.56	0	28.74	15.52	26.58	0	271.4	42.81	0	74.29	
19/12/2024 05:45	10.69	0	105.52	15.27	16.45	0	29.1	15.54	26.41	0	260.36	42.69	0	75.51	
19/12/2024 05:50	10.64	0	109.85	15.25	15.9	0	32.98	15.49	26.16	0	270.02	40.91	0	84.37	
19/12/2024 05:55	10.44	0	109.7	15.24	16.45	0	28.94	15.51	25.64	0	269.44	42.43	0	74.63	
19/12/2024 06:00	10.78	0	106.32	15.27	16.33	0	28.85	15.53	26.66	0	262.12	42.24	0	74.65	
19/12/2024 06:05	10.78	0	108.93	15.24	16.06	0	31.64	15.49	26.5	0	267.71	41.3	0	80.96	
19/12/2024 06:10	10.89	0	108.58	15.24	16.73	0	27.42	15.52	26.75	0	266.68	43.22	0	70.83	
19/12/2024 06:15	11.15	0	104.07	15.28	16.46	0	27.44	15.54	27.62	0	256.93	42.64	0	71.1	
19/12/2024 06:20	10.9	0	109.74	15.25	16.04	0	31.18	15.49	26.81	0	269.9	41.28	0	79.83	
19/12/2024 06:25	10.88	0	110.05	15.25	16.5	0	28.13	15.52	26.75	0	270.66	42.63	0	72.66	
19/12/2024 06:30	10.83	0	106.12	15.27	16.91	0	28.7	15.54	26.77	0	261.72	43.85	0	74.45	
19/12/2024 06:35	10.94	0	108.86	15.25	16.35	0	31.6	15.51	26.89	0	267.68	42.19	0	81.12	
19/12/2024 06:40	11.08	0	108.34	15.25	16.55	0	27.72	15.56	27.23	0	266.32	43.07	0	72.11	
19/12/2024 06:45	11	0	105.36	15.27	16.67	0	27.46	15.57	27.21	0	259.94	43.49	0	71.63	
19/12/2024 06:50	10.96	0	108.77	15.24	16.13	0	30.92	15.51	26.93	0	267.23	41.68	0	79.42	
19/12/2024 06:55	11.16	0	107.97	15.24	16.53	0	27.43	15.51	27.39	0	265.11	42.66	0	70.8	
19/12/2024 07:00	10.9	0	105.88	15.27	16.85	0	27.99	15.54	26.94	0	261.14	43.69	0	72.56	
19/12/2024 07:05	10.94	0	108.7	15.24	16.42	0	30.73	15.49	26.86	0	266.95	42.27	0	78.69	
19/12/2024 07:10	11.06	0	108.08	15.23	16.84	0	27.08	15.51	27.13	0	265.08	43.44	0	69.84	
19/12/2024 07:15	11.15	0	105.37	15.27	17.02	0	27.61	15.53	27.55	0	259.71	44.06	0	71.48	
19/12/2024 07:20	11.22	0	108.97	15.24	16.42	0	31.25	15.49	27.54	0	267.57	42.27	0	79.98	
19/12/2024 07:25	11.44	0	109.19	15.23	16.71	0	27.63	15.52	28.06	0	267.88	43.16	0	71.36	
19/12/2024 07:30	11.08	0	105.47	15.26	16.78	0	27.83	15.54	27.37	0	259.77	43.56	0	72.21	
19/12/2024 07:35	11.06	0	109.23	15.24	16.35	0	31.02	15.5	27.15	0	268.08	42.13	0	79.49	
19/12/2024 07:40	11.17	0	109.45	15.23	16.76	0	27.36	15.52	27.41	0	268.53	43.27	0	70.66	
19/12/2024 07:45	10.8	0	105.34	15.26	16.82	0	27.93	15.54	26.65	0	259.19	43.58	0	72.39	
19/12/2024 07:50	10.81	0	108.55	15.23	16.45	0	31.33	15.5	26.53	0	266.3	42.37	0	80.26	
19/12/2024 07:55	10.53	0	108.7	15.23	16.66	0	27.14	15.55	25.82	0	266.47	43.28	0	70.49	
19/12/2024 08:00	10.79	0	106.12	15.26	16.5	0	26.9	15.56	26.61	0	261.11	42.97	0	70.07	
19/12/2024 08:05	10.99	0	108.32	15.23	16.06	0	30.15	15.52	26.95	0	265.64	41.54	0	77.52	
19/12/2024 08:10	11.17	0	108.38	15.23	16.62	0	27.02	15.56	27.39	0	265.74	43.29	0	70.38	
19/12/2024 08:15	10.92	0	103.42	15.26	17.11	0	27.13	15.58	26.95	0	254.78	44.67	0	70.81	
19/12/2024 08:20	10.8	0	108.1	15.24	16.38	0	30.41	15.55	26.52	0	265.44	42.61	0	78.58	
19/12/2024 08:25	10.58	0	108.16	15.23	16.51	0	26.54	15.64	25.95	0	265.35	43.68	0	70.19	
19/12/2024 08:30	11.06	0	104.72	15.28	16.74	0	26.84	15.67	27.4	0	258.32	44.5	0	71.37	
19/12/2024 08:35	10.77	0	108.22	15.24	16.3	0	30	15.6	26.45	0	265.83	42.81	0	78.21	
19/12/2024 08:40	10.67	0	108.02	15.24	16.64	0	27	15.59	26.19	0	265.08	43.57	0	70.69	
19/12/2024 08:45	10.98	0	104.65	15.27	16.85	0	26.82	15.59	27.18	0	258.07	44.13	0	70.26	
19/12/2024 08:50	11.11	0	108.17	15.24	16.38	0	28.67	15.56	27.28	0	265.62	42.65	0	74.39	
19/12/2024 08:55	11.14	0	108.06	15.24	16.68	0	26.67	15.59	27.34	0	265.19	43.68	0	69.81	
19/12/2024 09:00	11.02	0	104.18	15.27	16.76	0	26.88	15.61	27.25	0	256.8	44.06	0	70.68	
19/12/2024 09:05	10.87	0	108.11	15.24	16.28	0	30.09	15.57	26.68	0	265.42	42.47	0	77.97	
19/12/2024 09:10	11.11	0	108.77	15.23	16.63	0	26.17	15.63	27.25	0	266.77	43.86	0	68.99	
19/12/2024 09:15	10.94	0	103.01	15.28	16.86	0	26.74	15.63	27.13	0	254.19	44.49	0	70.53	
19/12/2024 09:20	10.97	0	107.38	15.25	16.26	0	29.66	15.6	26.96	0	263.95	42.73	0	77.38	
19/12/2024 09:25	11	0	108.28	15.24	16.55	0	26.02	15.71	27.02	0	265.95	44.31	0	69.66	
19/12/2															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
19/12/2024 10:30	10.97	0	105.23	15.27	16.85	0	25.79	15.62	27.14	0	259.82	44.35	0	67.88	
19/12/2024 10:35	11.14	0	106.7	15.25	16.43	0	29.4	15.57	27.39	0	262.42	42.93	0	76.25	
19/12/2024 10:40	11.47	0	106.92	15.25	16.93	0	25.96	15.59	28.21	0	262.97	44.3	0	67.93	
19/12/2024 10:45	11.09	0	103.82	15.28	17.07	0	26.19	15.6	27.47	0	256.24	44.76	0	68.66	
19/12/2024 10:50	10.95	0	107.69	15.24	16.4	0	29.95	15.55	26.9	0	264.65	42.65	0	77.3	
19/12/2024 10:55	11	0	107.09	15.24	16.66	0	26.24	15.57	27.02	0	263.03	43.41	0	68.38	
19/12/2024 11:00	10.88	0	104.56	15.27	17.12	0	27.04	15.56	26.91	0	257.82	44.6	0	70.45	
19/12/2024 11:05	10.97	0	107.92	15.24	16.45	0	30.31	15.54	26.95	0	265.06	42.67	0	78.16	
19/12/2024 11:10	11.02	0	107.73	15.24	16.48	0	26.91	15.58	27.03	0	264.39	43.07	0	70.33	
19/12/2024 11:15	10.72	0	104.34	15.27	16.63	0	27.07	15.6	26.54	0	257.17	43.6	0	70.97	
19/12/2024 11:20	11.09	0	107.54	15.24	16.28	0	30.45	15.57	27.24	0	263.99	42.45	0	79.3	
19/12/2024 11:25	11.39	0	107	15.23	16.64	0	26.18	15.6	27.95	0	262.51	43.65	0	68.65	
19/12/2024 11:30	10.82	0	105.18	15.26	16.93	0	26.39	15.61	26.69	0	258.66	44.45	0	69.3	
19/12/2024 11:35	10.9	0	109.59	15.23	16.39	0	29.96	15.56	26.72	0	268.73	42.71	0	77.51	
19/12/2024 11:40	11.22	0	110.61	15.23	16.66	0	26.2	15.6	27.52	0	271.37	43.69	0	68.68	
19/12/2024 11:45	11.07	0	104.98	15.26	16.97	0	26.27	15.64	27.34	0	258.3	44.82	0	69.37	
19/12/2024 11:50	11.32	0	108.75	15.23	16.6	0	28.16	15.59	27.72	0	266.41	43.47	0	73.37	
19/12/2024 11:55	11.88	0	109.66	15.22	16.68	0	26.28	15.6	29.08	0	268.51	43.72	0	68.88	
19/12/2024 12:00	10.98	0	103.68	15.25	16.84	0	26.12	15.57	27.09	0	254.75	43.94	0	68.16	
19/12/2024 12:05	10.79	0	108.25	15.21	16.22	0	29.91	15.55	26.38	0	264.57	42.21	0	77.22	
19/12/2024 12:10	10.89	0	108.66	15.21	16.61	0	25.77	15.62	26.59	0	265.26	43.69	0	67.78	
19/12/2024 12:15	10.96	0	102.22	15.24	16.76	0	26.17	15.58	26.93	0	250.61	43.8	0	68.37	
19/12/2024 12:20	11.12	0	106.61	15.21	16.41	0	29.5	15.52	27.14	0	260.22	42.46	0	75.8	
19/12/2024 12:25	11.41	0	105.75	15.2	16.98	0	25.74	15.51	27.83	0	258.02	43.83	0	66.44	
19/12/2024 12:30	11.02	0	102.71	15.23	17.1	0	25.4	15.5	27.05	0	251.48	43.98	0	65.33	
19/12/2024 12:35	10.58	0	106.37	15.19	16.53	0	26.78	15.47	25.78	0	259.11	42.39	0	68.46	
19/12/2024 12:40	10.48	0	105.59	15.19	16.88	0	25.91	15.52	25.5	0	256.87	43.63	0	66.98	
19/12/2024 12:45	10.79	0	102.78	15.22	17.12	0	26.52	15.51	26.47	0	251.31	44.18	0	68.44	
19/12/2024 12:50	10.83	0	106.11	15.2	16.56	0	28.17	15.48	26.42	0	258.77	42.5	0	72.06	
19/12/2024 12:55	10.69	0	106.36	15.19	16.9	0	26.3	15.5	26.03	0	259.01	43.47	0	67.64	
19/12/2024 13:00	11.17	0	103.22	15.23	17.11	0	26.64	15.5	27.43	0	252.66	44.01	0	68.53	
19/12/2024 13:05	10.28	0	105.83	15.2	16.6	0	28.21	15.5	25.05	0	257.98	42.75	0	72.38	
19/12/2024 13:10	10.7	0	105.83	15.2	16.67	0	25.29	15.58	26.08	0	257.86	43.57	0	66.08	
19/12/2024 13:15	10.76	0	103.58	15.23	16.54	0	26.18	15.57	26.42	0	253.51	43.17	0	68.32	
19/12/2024 13:20	10.83	0	107.08	15.2	15.91	0	29.06	15.6	26.4	0	260.94	41.78	0	75.7	
19/12/2024 13:25	11.08	0	107.28	15.19	16.22	0	24.71	15.82	26.98	0	261.26	44.39	0	67.62	
19/12/2024 13:30	10.47	0	103.35	15.25	16.21	0	25.07	15.89	25.9	0	253.58	44.93	0	69.5	
19/12/2024 13:35	10.52	0	107.49	15.19	15.63	0	27.78	15.91	25.61	0	261.78	43.63	0	76.39	
19/12/2024 13:40	11.3	0	108.66	15.19	14.76	0	22.15	16.4	27.51	0	264.61	45.68	0	68.47	
19/12/2024 13:45	10.79	0	103.6	15.27	14.8	0	22.03	16.38	26.81	0	254.46	45.49	0	67.73	
19/12/2024 13:50	10.49	0	108.01	15.19	14.65	0	25.68	16.27	25.53	0	262.85	44.19	0	75.54	
19/12/2024 13:55	11.08	0	108.7	15.19	14.57	0	21.64	16.53	26.96	0	264.5	46.45	0	68.87	
19/12/2024 14:00	10.43	0	103.95	15.29	14.88	0	21.13	16.66	26.09	0	255.83	48.79	0	69.28	
19/12/2024 14:05	10.5	0	107.22	15.2	14.79	0	23.73	16.38	25.58	0	261.31	45.96	0	72.23	
19/12/2024 14:10	10.59	0	106.89	15.19	14.69	0	22.36	16.33	25.8	0	260.31	44.74	0	68.02	
19/12/2024 14:15	10.29	0	102.09	15.3	14.75	0	23.26	16.32	25.82	0	251.8	44.75	0	70.53	
19/12/2024 14:20	10.45	0	106.67	15.19	14.69	0	24.26	16.18	25.46	0	259.88	43.35	0	71.26	
19/12/2024 14:25	10.41	0	105.78	15.19	14.91	0	22.95	16.28	25.33	0	257.46	44.95	0	69.09	
19/12/2024 14:30	10.43	0	103.73	15.26	14.7	0	22.45	16.35	25.88	0	254.56	44.92	0	68.62	
19/12/2024 14:35	10.83	0	107.62	15.2	14.69	0	26.54	16.16	26.4	0	262.39	43.27	0	76.32	
19/12/2024 14:40	11.14	0	108.27	15.2	14.76	0	22.61	16.39	27.16	0	263.94	45.58	0	69.7	
19/12/2024 14:45	10.79	0	103.74	15.29	14.36	0	21.42	16.64	26.92	0	255.36	46.88	0	69.96	
19/12/2024 14:50	10.48	0	106.94	15.21	14.27	0	25.42	16.42	25.59	0	261.1	44.57	0	76.95	
19/12/2024 14:55	10.55	0	106.34	15.2	14.02	0	20.74	16.7	25.73	0	259.4	46.6	0	68.79	
19/12/2024 15:00	10.29	0	103.88	15.32	13.73	0	19.75	16.97	25.92	0	256.7	48.54	0	69.83	
19/12/2024 15:05	10.59	0	107.38	15.2	13.86	0	24.92	16.71	25.85	0	262.07	46.31	0	82.73	
19/12/2024 15:10	10.77	0	107.52	15.2	13.68	0	19.82	16.89	26.27	0	262.4	47.75	0	68.86	
19/12/2024 15:15	10.21	0	102.14	15.31	13	0	18.02	17.33	25.7	0	252.96	50.68	0	70.23	
19/12/2024 15:20	10.4	0	109.27	15.21	13.4	0	23.37	16.85	25.4	0	266.96	46.95	0	77.37	
19/12/2024 15:25	10.44	0	109.55	15.21	13.68	0	20.49	16.77	25.48	0	267.43	46.29	0	69.1	
19/12/2024 15:30	9.92	0	104.39	15.35	13.12	0	18.92	17.17	25.37	0	259.72	48.87	0	70.48	
19/12/2024 15:35	10.44	0	108.75	15.21	13.43	0	23.68	16.79	25.5	0	265.54	46.01	0	77.34	
19/12/2024 15:40	10.64	0	108.88	15.2	13.45	0	19.81	16.92	25.96	0	265.65	47.36	0	69.42	
19/12/2024 15:45	10.27	0	104.14	15.38	12.62	0	17.6	17.41	26.35	0	259.69	50.22	0	70.02	
19/12/2024 15:50	10.47	0	109.37	15.22	13.12	0	23.14	16.95	25.6	0	267.41	46.92	0	77.99	
19/12/2024 15:55	11.11	0	109.63	15.22	13.58	0	19.95	16.9	27.18	0	268.21	47.42	0	69.29	
19/12/2024 16:00	10.28	0	104.72	15.33	12.93	0	18.21	17.24	25.98	0	258.88	49.15	0	69.22	
19/12/2024 16:05	10.19	0	108.82	15.22	13.35	0	24.41	16.86	24.92	0	266.19	46.48	0	84.07	
19/12/2024 16:10	10.02	0	108.66	15.21	13.74	0	20.67	16.78	24.48	0	265.55	46.58	0	69.86	
19/12/2024 16:15	10.29	0	105.07	15.35	13.47	0	18.95	17.19	26.13	0	260.8	50.5	0	71.04	
19/12/2024 16:20	10.06	0	108.75	15.22	13.61	0	23.77	16.81	24.62	0	266.06	47.04	0	78.04	
19/12/2024 16:25	9.97	0	108.52	15.21	13.45	0	19.72	16.94	24.37	0	265.28	47.49	0	69.29	
19/12/2024 16:30	9.77	0	103.52	15.39	12.47	0	18.25	17.33	25.16	0	257.85	48.56	0	71.09	
19/12/2024 16:35	10.75	0	108.93	15.23	13	0	22	16.91	26.33	0	266.88	45.88	0	74.9	
19/12/2024 16:40	11.36	0	109.09	15.23	13.96	0	21.22	16.66	27.85	0	267.43	45.86	0	69.59	
19/12/2024 16:45	10.3	0	103.29	15.31	13.57	0	20.61	16.86	25.82	0	256.15	46.72	0	70.92	
19/12/2024 16:50	10.38	0	108.95	15.23	13.84	0	23.82	16.51	25.44	0	266.97	44.19	0	74.29	
19/12/2024 16:55	10.63	0	108.89	15.23	14.71	0	22.62	16.39	26.02	0	266.71	45.46	0	69.7	
19/12/2024 17:00	10.5	0													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
19/12/2024 18:00	9.95	0	104.11	15.3	14.47	0	22.06	16.63	24.89	0	258.2	47.08	0	71.77	
19/12/2024 18:05	10.65	0	108.96	15.23	14.62	0	26.15	16.27	26.13	0	267.31	44.32	0	77.37	
19/12/2024 18:10	10.7	0	108.56	15.23	15.39	0	25.56	15.96	26.23	0	266.05	43.38	0	71.99	
19/12/2024 18:15	10.15	0	105.36	15.29	15.25	0	24.63	16.12	25.27	0	259.95	44.32	0	71.61	
19/12/2024 18:20	10.72	0	109.82	15.24	15.17	0	28.28	15.92	26.31	0	269.68	42.53	0	78.11	
19/12/2024 18:25	11.19	0	109.83	15.24	16.5	0	27.66	15.48	27.47	0	269.67	42.3	0	70.92	
19/12/2024 18:30	10.27	0	106.95	15.25	17.32	0	27.78	15.37	25.31	0	263.2	43.51	0	69.81	
19/12/2024 18:35	10.55	0	109.27	15.24	16.77	0	31.48	15.37	25.91	0	268.28	42.18	0	78.97	
19/12/2024 18:40	10.5	0	108.28	15.24	16.65	0	27.91	15.49	25.77	0	265.73	42.76	0	71.66	
19/12/2024 18:45	10.19	0	105.41	15.26	16.83	0	28.29	15.51	25.15	0	259.72	43.43	0	72.98	
19/12/2024 18:50	10.63	0	109.25	15.25	16.3	0	31.45	15.48	26.13	0	268.54	41.85	0	80.34	
19/12/2024 18:55	10.8	0	109.56	15.24	16.55	0	27.75	15.51	26.53	0	269.25	42.73	0	71.62	
19/12/2024 19:00	10.76	0	105.36	15.26	16.55	0	28.01	15.55	26.54	0	259.77	42.97	0	72.73	
19/12/2024 19:05	10.2	0	109.35	15.24	15.95	0	31.1	15.5	25.03	0	268.38	41.1	0	79.72	
19/12/2024 19:10	9.66	0	110.02	15.23	16.56	0	27.47	15.54	23.68	0	269.76	42.93	0	71.19	
19/12/2024 19:15	10.95	0	104.95	15.28	17	0	27.04	15.55	27.11	0	258.98	44.18	0	70.29	
19/12/2024 19:20	10.51	0	108.31	15.24	16.47	0	30.04	15.52	25.8	0	265.89	42.57	0	77.18	
19/12/2024 19:25	10.33	0	108.75	15.23	16.69	0	26.58	15.55	25.32	0	266.66	43.4	0	69.11	
19/12/2024 19:30	10.56	0	104.94	15.27	16.89	0	26.49	15.57	26.08	0	258.53	44.04	0	69.06	
19/12/2024 19:35	10.66	0	108.5	15.24	16.4	0	28.93	15.51	26.19	0	266.59	42.39	0	74.42	
19/12/2024 19:40	10.78	0	108.3	15.24	16.66	0	26.59	15.51	26.48	0	265.99	42.98	0	68.59	
19/12/2024 19:45	10.76	0	101.71	15.28	16.75	0	25.79	15.54	26.62	0	250.87	43.45	0	66.89	
19/12/2024 19:50	10.72	0	107.71	15.24	16.23	0	28.9	15.5	26.34	0	264.54	41.85	0	74.13	
19/12/2024 19:55	10.5	0	107.41	15.24	16.5	0	27.11	15.54	25.77	0	263.66	42.81	0	70.3	
19/12/2024 20:00	10.76	0	104.19	15.27	16.71	0	27.31	15.56	26.63	0	257.04	43.46	0	71.04	
19/12/2024 20:05	10.74	0	108.91	15.24	16.27	0	29.72	15.51	26.38	0	267.46	42.01	0	76.41	
19/12/2024 20:10	10.5	0	109.94	15.23	16.57	0	27.03	15.53	25.75	0	269.57	42.9	0	69.98	
19/12/2024 20:15	10.94	0	103.95	15.27	16.75	0	27.06	15.56	27.09	0	256.42	43.58	0	70.4	
19/12/2024 20:20	10.66	0	107.6	15.24	16.21	0	30.59	15.49	26.19	0	264.39	41.68	0	78.22	
19/12/2024 20:25	10.5	0	106.95	15.24	16.81	0	27.33	15.46	25.78	0	262.62	42.99	0	69.88	
19/12/2024 20:30	10.84	0	104.21	15.27	16.91	0	27.49	15.48	26.8	0	256.93	43.37	0	70.51	
19/12/2024 20:35	11.21	0	107.88	15.25	16.41	0	30.78	15.43	27.55	0	265.24	41.75	0	77.98	
19/12/2024 20:40	11.25	0	107.45	15.24	16.75	0	27.95	15.4	27.63	0	263.92	42.36	0	70.67	
19/12/2024 20:45	10.99	0	105.05	15.26	17.14	0	28.57	15.43	27.12	0	258.85	43.53	0	72.56	
19/12/2024 20:50	11.06	0	108.2	15.24	16.63	0	32.43	15.4	27.17	0	265.8	42.06	0	81.93	
19/12/2024 20:55	10.97	0	107.8	15.24	16.82	0	28.02	15.4	26.93	0	264.61	42.5	0	70.81	
19/12/2024 21:00	11.06	0	102.89	15.26	16.78	0	27.97	15.42	27.3	0	253.57	42.58	0	70.96	
19/12/2024 21:05	10.89	0	107.94	15.24	16.34	0	31.51	15.39	26.75	0	265.12	41.26	0	79.3	
19/12/2024 21:10	11	0	107.91	15.24	16.87	0	28.01	15.42	27	0	264.88	42.78	0	71.02	
19/12/2024 21:15	10.79	0	103.11	15.27	17.31	0	28.59	15.45	26.66	0	254.33	44.12	0	72.85	
19/12/2024 21:20	10.75	0	108.21	15.24	16.68	0	30.81	15.42	26.43	0	265.94	42.36	0	78.03	
19/12/2024 21:25	10.47	0	107.38	15.24	16.71	0	27.81	15.46	25.71	0	263.65	42.69	0	71.05	
19/12/2024 21:30	10.71	0	103.07	15.26	16.76	0	27.57	15.48	26.44	0	254.1	42.96	0	70.68	
19/12/2024 21:35	10.87	0	107.63	15.24	16.24	0	30.84	15.45	26.69	0	264.4	41.44	0	78.34	
19/12/2024 21:40	11.08	0	107.2	15.24	16.65	0	27.58	15.48	27.19	0	263.16	42.68	0	70.69	
19/12/2024 21:45	11.15	0	104.84	15.27	17.19	0	27.72	15.49	27.55	0	258.57	44.2	0	71.28	
19/12/2024 21:50	10.79	0	108.61	15.25	16.8	0	31.9	15.45	26.54	0	267.07	42.89	0	81.05	
19/12/2024 21:55	10.84	0	109.41	15.25	16.63	0	27.71	15.48	26.66	0	268.94	42.61	0	70.99	
19/12/2024 22:00	10.96	0	104.85	15.27	17.17	0	27.55	15.49	27.09	0	258.65	44.12	0	70.8	
19/12/2024 22:05	10.76	0	108.68	15.24	16.64	0	29.07	15.46	26.42	0	266.9	42.56	0	74.13	
19/12/2024 22:10	10.22	0	108.81	15.23	16.68	0	27.44	15.48	25.06	0	266.81	42.81	0	70.4	
19/12/2024 22:15	10.96	0	104.53	15.27	17.23	0	28.25	15.49	27.1	0	257.72	44.25	0	72.54	
19/12/2024 22:20	10.92	0	108.15	15.24	16.7	0	29.63	15.44	26.82	0	265.56	42.56	0	75.33	
19/12/2024 22:25	10.94	0	107.77	15.23	16.84	0	27.99	15.41	26.82	0	264.25	42.66	0	70.9	
19/12/2024 22:30	11.08	0	104.81	15.26	17.11	0	27.66	15.43	27.34	0	258.16	43.52	0	70.33	
19/12/2024 22:35	11.07	0	108.36	15.24	16.54	0	31.56	15.4	27.19	0	266.13	41.85	0	79.51	
19/12/2024 22:40	11.22	0	108.64	15.24	16.87	0	27.92	15.41	27.53	0	266.61	42.7	0	70.65	
19/12/2024 22:45	11	0	107.29	15.26	17.07	0	28.45	15.43	27.12	0	264.24	43.38	0	72.31	
19/12/2024 22:50	10.89	0	108.59	15.24	16.55	0	31.59	15.4	26.72	0	266.54	41.84	0	79.59	
19/12/2024 22:55	10.86	0	108.52	15.24	16.97	0	28.22	15.41	26.65	0	266.3	42.97	0	71.47	
19/12/2024 23:00	10.93	0	104.62	15.26	16.79	0	27.61	15.43	26.96	0	257.54	42.7	0	70.2	
19/12/2024 23:05	10.9	0	108.28	15.24	16.36	0	30.75	15.41	26.76	0	265.74	41.45	0	77.63	
19/12/2024 23:10	10.94	0	108	15.23	16.89	0	27.76	15.45	26.82	0	264.82	43.06	0	70.78	
19/12/2024 23:15	10.96	0	104	15.26	17.08	0	27.82	15.47	27.03	0	256.18	43.71	0	71.21	
19/12/2024 23:20	10.82	0	108.45	15.24	16.4	0	31.4	15.44	26.58	0	266.33	41.77	0	79.63	
19/12/2024 23:25	10.91	0	108.7	15.24	16.68	0	27.79	15.46	26.77	0	266.84	42.65	0	71.04	
19/12/2024 23:30	10.92	0	104.78	15.27	16.54	0	28.03	15.49	26.97	0	258.18	42.47	0	71.98	
19/12/2024 23:35	10.98	0	108.23	15.24	16.08	0	31.94	15.45	26.96	0	265.6	41.01	0	81.07	
19/12/2024 23:40	11.03	0	108.09	15.23	16.66	0	27.98	15.47	27.05	0	265.05	42.62	0	71.59	
19/12/2024 23:45	10.79	0	104.43	15.26	16.57	0	27.76	15.48	26.6	0	257.21	42.49	0	71.22	
19/12/2024 23:50	11.01	0	108.07	15.24	16.15	0	30.87	15.45	27.03	0	265.39	41.24	0	78.47	
19/12/2024 23:55	10.84	0	107.36	15.24	16.76	0	27.75	15.47	26.61	0	263.47	42.89	0	71.02	
20/12/2024 00:00	10.96	0	104.42	15.27	16.73	0	27.61	15.49	27.09	0	257.33	42.99	0	70.94	
20/12/2024 00:05	10.97	0	108.14	15.24	16.37	0	28.75	15.46	26.92	0	265.4	41.86	0	73.39	
20/12/2024 00:10	10.97	0	108.28	15.23	16.87	0	27.39	15.47	26.9	0	265.51	43.16	0	70.07	
20/12/2024 00:15	10.99	0	102.54	15.26	17.03	0	27.4	15.49	27.11	0	252.47	43.7	0	70.33	
20/12/2024 00:20	11.08	0	108.64	15.23	16.68	0	31.09	15.45	27.17	0	266.51	42.55	0	78.94	
20/12/2024 00:25	11.28	0	108.88	15.23	16.88	0	27.29	15.49	27.66	0	266.97	43.36	0	70.08	
20/12/2024 00:30</															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
20/12/2024 01:30	10.97	0	105.24	15.26	16.72	0	27.74	15.54	27.08	0	259.02	43.36	0	71.93	
20/12/2024 01:35	11.06	0	108.19	15.23	16.36	0	30.86	15.49	27.13	0	265.31	42.05	0	78.91	
20/12/2024 01:40	11.22	0	108.36	15.23	16.87	0	28.41	15.49	27.49	0	265.48	43.36	0	73	
20/12/2024 01:45	11	0	106.08	15.25	17.04	0	27.86	15.52	27.11	0	260.93	44	0	71.94	
20/12/2024 01:50	10.97	0	108.62	15.23	16.59	0	31.76	15.47	26.91	0	266.44	42.52	0	80.92	
20/12/2024 01:55	11.16	0	108.13	15.23	17.18	0	26.55	15.51	27.34	0	264.98	44.29	0	68.41	
20/12/2024 02:00	11.34	0	104.02	15.26	17.64	0	25.85	15.53	27.98	0	256.01	45.63	0	66.89	
20/12/2024 02:05	11.54	0	108.08	15.23	17.06	0	27.65	15.49	28.3	0	265.13	43.88	0	70.88	
20/12/2024 02:10	11.41	0	108.45	15.23	16.96	0	26.53	15.53	27.97	0	265.93	43.92	0	68.67	
20/12/2024 02:15	11.33	0	103.09	15.26	17.22	0	26.1	15.55	27.95	0	253.94	44.77	0	67.87	
20/12/2024 02:20	11.56	0	108.01	15.23	16.75	0	29.38	15.51	28.34	0	264.93	43.19	0	75.34	
20/12/2024 02:25	11.77	0	107.98	15.23	16.92	0	26.78	15.52	28.84	0	264.71	43.68	0	69.13	
20/12/2024 02:30	11.31	0	103.69	15.27	16.81	0	27.18	15.54	27.95	0	255.43	43.55	0	70.42	
20/12/2024 02:35	11.25	0	107.62	15.23	16.53	0	28.76	15.49	27.61	0	264.02	42.51	0	73.75	
20/12/2024 02:40	11.33	0	107.08	15.23	16.99	0	27.12	15.51	27.77	0	262.49	43.8	0	69.89	
20/12/2024 02:45	11.33	0	103.06	15.27	16.89	0	27.13	15.54	28.02	0	253.94	43.76	0	70.3	
20/12/2024 02:50	11.38	0	108.54	15.23	16.51	0	32.4	15.48	27.92	0	266.25	42.39	0	82.56	
20/12/2024 02:55	11.56	0	108.94	15.23	16.87	0	27.39	15.49	28.34	0	267.05	43.32	0	70.34	
20/12/2024 03:00	11.32	0	104.67	15.27	17.08	0	27.65	15.51	27.97	0	257.85	44.07	0	71.35	
20/12/2024 03:05	11	0	108.97	15.23	16.46	0	31.2	15.48	26.98	0	267.33	42.22	0	79.61	
20/12/2024 03:10	10.94	0	108.92	15.23	16.81	0	27.31	15.5	26.83	0	267.23	43.27	0	70.29	
20/12/2024 03:15	11.19	0	105.5	15.26	16.83	0	27.57	15.53	27.63	0	259.82	43.53	0	71.31	
20/12/2024 03:20	11.11	0	108.91	15.23	16.36	0	30.96	15.48	27.24	0	266.99	42.03	0	79.11	
20/12/2024 03:25	11.06	0	108.59	15.22	16.76	0	27.56	15.51	27.08	0	265.84	43.26	0	71.13	
20/12/2024 03:30	11.18	0	104.7	15.26	16.79	0	27.5	15.54	27.6	0	257.64	43.56	0	71.38	
20/12/2024 03:35	11.26	0	108.82	15.23	16.51	0	31.36	15.5	27.62	0	266.98	42.54	0	80.71	
20/12/2024 03:40	11.33	0	109.08	15.23	16.87	0	27.7	15.51	27.78	0	267.46	43.49	0	71.4	
20/12/2024 03:45	11.09	0	106.22	15.25	16.94	0	27.89	15.53	27.34	0	261.19	43.83	0	72.16	
20/12/2024 03:50	11.35	0	109.57	15.23	16.5	0	31.04	15.49	27.84	0	268.83	42.42	0	79.38	
20/12/2024 03:55	11.58	0	109.73	15.23	16.79	0	27.43	15.51	28.39	0	269.07	43.33	0	70.8	
20/12/2024 04:00	11.2	0	106.03	15.26	17.11	0	27.59	15.54	27.64	0	260.95	44.4	0	71.61	
20/12/2024 04:05	10.98	0	109.23	15.23	16.58	0	30.56	15.5	26.94	0	267.95	42.75	0	78.37	
20/12/2024 04:10	10.97	0	109.58	15.23	16.64	0	27.17	15.53	26.91	0	268.84	43.03	0	70.26	
20/12/2024 04:15	11.22	0	104.74	15.26	16.91	0	27.25	15.54	27.71	0	257.97	43.88	0	70.72	
20/12/2024 04:20	11.17	0	108.87	15.23	16.46	0	30.57	15.5	27.41	0	267.05	42.41	0	78.32	
20/12/2024 04:25	11.28	0	108.72	15.23	16.78	0	27.22	15.51	27.65	0	266.44	43.28	0	70.21	
20/12/2024 04:30	11.12	0	106.04	15.26	16.94	0	27.22	15.53	27.43	0	260.95	43.89	0	70.5	
20/12/2024 04:35	11.17	0	108.96	15.23	16.46	0	30.66	15.49	27.38	0	267.14	42.32	0	78.41	
20/12/2024 04:40	11.34	0	109.23	15.23	16.76	0	27.31	15.5	27.81	0	267.77	43.15	0	70.32	
20/12/2024 04:45	11.19	0	105.73	15.26	16.86	0	27.42	15.53	27.6	0	260.17	43.63	0	70.95	
20/12/2024 04:50	11.05	0	109.15	15.23	16.31	0	30.46	15.49	27.11	0	267.73	41.95	0	77.97	
20/12/2024 04:55	11.08	0	108.73	15.23	16.77	0	27.4	15.51	27.15	0	266.47	43.24	0	70.64	
20/12/2024 05:00	11.15	0	105.07	15.27	16.81	0	27.43	15.55	27.57	0	258.93	43.66	0	71.25	
20/12/2024 05:05	11.04	0	109.19	15.23	16.31	0	30.76	15.5	27.08	0	267.84	42.04	0	78.83	
20/12/2024 05:10	11.14	0	109.28	15.23	16.7	0	27.21	15.51	27.3	0	267.81	43.09	0	70.22	
20/12/2024 05:15	11.17	0	105.03	15.26	16.93	0	27	15.53	27.58	0	258.5	43.81	0	69.87	
20/12/2024 05:20	11.1	0	109.38	15.24	16.34	0	31.86	15.48	27.26	0	268.51	41.98	0	81.27	
20/12/2024 05:25	11.14	0	109.53	15.24	16.82	0	27.01	15.51	27.34	0	268.8	43.4	0	69.67	
20/12/2024 05:30	11.29	0	105.22	15.26	16.96	0	27.16	15.52	27.87	0	258.94	43.86	0	70.22	
20/12/2024 05:35	11.17	0	108.9	15.23	16.54	0	29.45	15.49	27.38	0	266.86	42.52	0	75.43	
20/12/2024 05:40	11.33	0	108.66	15.22	16.8	0	27.34	15.52	27.73	0	265.99	43.39	0	70.61	
20/12/2024 05:45	11.28	0	106.38	15.26	17.13	0	27.01	15.54	27.81	0	261.9	44.46	0	70.1	
20/12/2024 05:50	11.24	0	108.08	15.23	16.69	0	30.2	15.5	27.55	0	264.98	43	0	77.37	
20/12/2024 05:55	11.33	0	108.17	15.23	16.8	0	26.79	15.51	27.76	0	265.1	43.31	0	69.04	
20/12/2024 06:00	11.28	0	104.56	15.26	16.98	0	27.37	15.53	27.86	0	257.4	43.96	0	70.86	
20/12/2024 06:05	11.41	0	108.18	15.23	16.63	0	30	15.49	27.97	0	265.18	42.76	0	76.76	
20/12/2024 06:10	11.45	0	108.16	15.23	16.9	0	27.18	15.49	28.06	0	264.98	43.46	0	69.87	
20/12/2024 06:15	11.33	0	102.27	15.25	17.03	0	27.19	15.5	27.89	0	251.3	43.81	0	69.95	
20/12/2024 06:20	11.25	0	108.23	15.23	16.54	0	30.52	15.46	27.56	0	265.09	42.31	0	77.66	
20/12/2024 06:25	11.41	0	108.22	15.22	17.02	0	26.86	15.48	27.93	0	264.99	43.63	0	68.87	
20/12/2024 06:30	11.54	0	104.51	15.25	17.21	0	26.87	15.49	28.44	0	256.89	44.21	0	69.02	
20/12/2024 06:35	11.28	0	107.9	15.23	16.67	0	30.56	15.45	27.63	0	264.32	42.59	0	77.67	
20/12/2024 06:40	11.22	0	107.5	15.22	17.07	0	27.17	15.48	27.46	0	263.16	43.76	0	69.66	
20/12/2024 06:45	11.39	0	103.31	15.26	17.02	0	26.53	15.49	28.13	0	254.23	43.7	0	68.13	
20/12/2024 06:50	11.46	0	108.53	15.24	16.58	0	30.21	15.46	28.13	0	266.37	42.37	0	76.83	
20/12/2024 06:55	11.42	0	108.45	15.23	17.01	0	26.84	15.47	28.02	0	266.08	43.55	0	68.7	
20/12/2024 07:00	11.49	0	104.57	15.24	17.22	0	26.93	15.48	28.27	0	256.72	44.16	0	69.08	
20/12/2024 07:05	11.37	0	107.84	15.22	16.69	0	30.14	15.45	27.83	0	263.96	42.57	0	76.51	
20/12/2024 07:10	11.17	0	107.95	15.22	16.99	0	27.17	15.47	27.33	0	264.12	43.46	0	69.51	
20/12/2024 07:15	11.33	0	104.36	15.26	17.18	0	26.99	15.48	27.96	0	256.87	44.11	0	69.28	
20/12/2024 07:20	11.36	0	107.59	15.23	16.65	0	30.41	15.45	27.85	0	263.73	42.49	0	77.21	
20/12/2024 07:25	11.22	0	107.34	15.22	17.19	0	26.9	15.45	27.46	0	262.78	43.86	0	68.62	
20/12/2024 07:30	11.11	0	104.56	15.25	17.15	0	27.27	15.47	27.33	0	256.77	43.89	0	69.79	
20/12/2024 07:35	10.83	0	108.24	15.23	16.54	0	30.73	15.44	26.54	0	265.28	42.12	0	77.92	
20/12/2024 07:40	10.83	0	107.8	15.23	16.89	0	27.47	15.46	26.54	0	264.18	43.15	0	70.19	
20/12/2024 07:45	11.12	0	103.65	15.25	17.05	0	27.33	15.48	27.42	0	254.83	43.69	0	70.03	
20/12/2024 07:50	11.24	0	107.93	15.22	16.6	0	30.3	15.44	27.5	0	264.07	42.27	0	76.81	
20/12/2024 07:55	11.47	0	108.03	15.21	16.9	0	26.91	15.46	28.03	0	264.02	43.16	0	68.7	
20/12/															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
20/12/2024 09:00	11.3	0	103.14	15.25	17.11	0	26.2	15.53	27.83	0	253.37	44.27	0	67.79	
20/12/2024 09:05	11.37	0	106.32	15.22	16.68	0	29.27	15.49	27.84	0	260.31	42.89	0	74.83	
20/12/2024 09:10	11.56	0	106.34	15.22	17.06	0	25.9	15.51	28.29	0	260.19	43.97	0	66.75	
20/12/2024 09:15	11.38	0	101.06	15.25	17.52	0	26.24	15.53	28.01	0	248.26	45.35	0	67.91	
20/12/2024 09:20	11.28	0	107.34	15.22	17.07	0	28.84	15.49	27.62	0	262.72	43.87	0	73.74	
20/12/2024 09:25	11.19	0	108.17	15.22	17.12	0	25.72	15.51	27.36	0	264.59	44.12	0	66.29	
20/12/2024 09:30	11.42	0	104	15.25	17.83	0	26.05	15.52	28.13	0	255.58	46.08	0	67.34	
20/12/2024 09:35	11.51	0	106.13	15.22	17.19	0	29.28	15.48	28.18	0	259.89	44.16	0	74.8	
20/12/2024 09:40	11.69	0	106.13	15.22	17.03	0	25.7	15.51	28.61	0	259.79	43.9	0	66.23	
20/12/2024 09:45	11.51	0	102.7	15.25	16.89	0	26.08	15.53	28.38	0	252.47	43.76	0	67.54	
20/12/2024 09:50	11.56	0	106.1	15.22	16.58	0	28.41	15.5	28.31	0	259.79	42.71	0	72.87	
20/12/2024 09:55	11.91	0	106.69	15.22	16.98	0	25.36	15.55	29.13	0	261.03	44.15	0	65.94	
20/12/2024 10:00	11.66	0	102.66	15.26	17.62	0	25.55	15.55	28.76	0	252.51	45.82	0	66.45	
20/12/2024 10:05	11.44	0	106.01	15.22	17.12	0	28.9	15.51	28.01	0	259.65	44.2	0	74.15	
20/12/2024 10:10	11.56	0	105.95	15.22	17.06	0	25.72	15.54	28.29	0	259.23	44.22	0	66.66	
20/12/2024 10:15	11.4	0	101.38	15.25	17.35	0	25.9	15.56	28.08	0	249.25	45.13	0	67.4	
20/12/2024 10:20	11.52	0	105.8	15.22	16.88	0	27.86	15.52	28.2	0	259.07	43.61	0	71.71	
20/12/2024 10:25	11.53	0	106.09	15.22	17.16	0	25.77	15.53	28.21	0	259.57	44.43	0	66.72	
20/12/2024 10:30	11.53	0	102.25	15.25	17.14	0	25.88	15.53	28.45	0	251.39	44.39	0	67.05	
20/12/2024 10:35	11.42	0	106.63	15.23	16.74	0	28.16	15.49	27.98	0	261.34	43.09	0	72.17	
20/12/2024 10:40	11.41	0	106.69	15.22	17.17	0	25.86	15.51	27.93	0	261.24	44.3	0	66.71	
20/12/2024 10:45	11.35	0	103.06	15.25	17.33	0	26.11	15.51	27.96	0	253.34	44.72	0	67.4	
20/12/2024 10:50	11.51	0	106.21	15.23	16.88	0	29.28	15.47	28.22	0	260.38	43.2	0	74.56	
20/12/2024 10:55	11.72	0	105.8	15.23	17.49	0	26.3	15.45	28.7	0	259.13	44.57	0	67.03	
20/12/2024 11:00	11.71	0	102.33	15.25	17.37	0	26.22	15.47	28.86	0	251.67	44.44	0	67.07	
20/12/2024 11:05	11.37	0	105.95	15.22	17.04	0	30.56	15.43	27.84	0	259.44	43.31	0	77.58	
20/12/2024 11:10	11.53	0	105.97	15.22	17.47	0	26.07	15.41	28.21	0	259.27	44.23	0	66.01	
20/12/2024 11:15	11.62	0	102.61	15.25	17.55	0	25.71	15.43	28.59	0	252.1	44.6	0	65.33	
20/12/2024 11:20	11.45	0	106.08	15.22	16.95	0	28.94	15.4	28.04	0	259.76	42.85	0	72.89	
20/12/2024 11:25	11.36	0	106.22	15.22	17.58	0	26.16	15.41	27.78	0	259.74	44.5	0	66.21	
20/12/2024 11:30	11.76	0	101.48	15.25	17.63	0	26.12	15.42	28.95	0	249.21	44.73	0	66.27	
20/12/2024 11:35	11.78	0	105.65	15.22	17.07	0	29.42	15.4	28.84	0	258.66	43.18	0	74.16	
20/12/2024 11:40	12.08	0	105.52	15.22	17.51	0	25.66	15.45	29.58	0	258.37	44.66	0	65.46	
20/12/2024 11:45	11.55	0	102.42	15.24	17.99	0	26.43	15.46	28.4	0	251.33	46	0	67.56	
20/12/2024 11:50	11.58	0	105.53	15.22	17.33	0	29.83	15.43	28.33	0	258.12	44.07	0	75.46	
20/12/2024 11:55	11.83	0	105.22	15.21	17.64	0	25.64	15.43	28.91	0	257.15	44.86	0	65.2	
20/12/2024 12:00	12.1	0	101.71	15.24	18.27	0	26.25	15.44	29.76	0	249.64	46.56	0	66.88	
20/12/2024 12:05	11.92	0	105.22	15.2	17.75	0	27.98	15.42	29.09	0	256.77	45.03	0	70.79	
20/12/2024 12:10	12.14	0	105.19	15.22	17.63	0	25.33	15.42	29.62	0	256.65	44.71	0	64.25	
20/12/2024 12:15	11.65	0	101.54	15.22	18.32	0	25.68	15.42	28.56	0	248.34	46.52	0	65.21	
20/12/2024 12:20	11.68	0	105.5	15.2	17.64	0	28.84	15.41	28.48	0	257.19	44.67	0	72.73	
20/12/2024 12:25	11.63	0	106.59	15.2	17.63	0	25.19	15.43	28.33	0	259.8	44.84	0	64.06	
20/12/2024 12:30	11.96	0	101.72	15.22	17.9	0	24.86	15.44	29.28	0	248.61	45.61	0	63.33	
20/12/2024 12:35	11.69	0	104.93	15.19	17.3	0	28.32	15.43	28.44	0	255.27	43.98	0	71.62	
20/12/2024 12:40	11.75	0	105.03	15.18	17.41	0	25.53	15.47	28.56	0	255.29	44.57	0	65.36	
20/12/2024 12:45	11.31	0	101.94	15.21	17.67	0	25.69	15.46	27.67	0	248.76	45.15	0	65.62	
20/12/2024 12:50	11.4	0	105.6	15.19	17.08	0	29.16	15.44	27.73	0	256.88	43.52	0	73.83	
20/12/2024 12:55	11.28	0	105.25	15.18	17.42	0	25.3	15.46	27.42	0	255.82	44.5	0	64.63	
20/12/2024 13:00	11.4	0	100.79	15.21	17.34	0	25.22	15.45	27.93	0	246.09	44.26	0	64.35	
20/12/2024 13:05	11.46	0	104.69	15.19	16.92	0	29.36	15.43	27.86	0	254.62	42.99	0	74.51	
20/12/2024 13:10	11.08	0	105.92	15.18	17.22	0	26.06	15.45	26.91	0	257.31	43.89	0	66.42	
20/12/2024 13:15	11.08	0	100.77	15.21	17.83	0	25.8	15.45	27.14	0	245.87	45.45	0	65.77	
20/12/2024 13:20	10.97	0	104.94	15.18	16.88	0	29.58	15.46	26.67	0	255.05	43.15	0	75.07	
20/12/2024 13:25	10.41	0	104.11	15.17	17.11	0	24.65	15.61	25.25	0	252.57	44.94	0	64.72	
20/12/2024 13:30	11.13	0	101.82	15.21	17.04	0	25.65	15.57	27.24	0	248.4	44.43	0	66.9	
20/12/2024 13:35	10.89	0	105.17	15.18	16.48	0	28.68	15.56	26.49	0	255.69	42.94	0	74.12	
20/12/2024 13:40	10.97	0	105.69	15.18	16.47	0	23.95	15.73	26.65	0	256.81	44.29	0	64.4	
20/12/2024 13:45	11.32	0	99.3	15.23	16.49	0	24.17	15.73	27.86	0	242.69	44.35	0	65	
20/12/2024 13:50	11.67	0	105.4	15.18	16.17	0	27.81	15.67	28.34	0	256.06	43.02	0	73.16	
20/12/2024 13:55	12.06	0	104.8	15.18	16.19	0	24.07	15.84	29.3	0	254.51	44.54	0	66.18	
20/12/2024 14:00	11.13	0	101.24	15.24	15.74	0	24.33	15.88	27.46	0	247.71	43.56	0	67.36	
20/12/2024 14:05	10.93	0	106.31	15.18	15.62	0	25.85	15.76	26.56	0	258.28	42.3	0	69.63	
20/12/2024 14:10	10.66	0	105.75	15.17	15.75	0	23.19	16.04	25.85	0	256.55	45.06	0	66.3	
20/12/2024 14:15	10.26	0	101.06	15.27	15.42	0	22.24	16.22	25.52	0	247.77	45.81	0	66.08	
20/12/2024 14:20	10.76	0	105.85	15.19	15.25	0	26.38	16.02	26.19	0	257.52	43.63	0	73.84	
20/12/2024 14:25	10.47	0	105.36	15.18	16.07	0	22.75	15.95	25.44	0	256.02	45.19	0	63.87	
20/12/2024 14:30	11.19	0	102.5	15.25	15.96	0	22.53	16.05	27.64	0	251.15	45.75	0	64.59	
20/12/2024 14:35	10.91	0	106.22	15.19	15.65	0	26.06	15.94	26.57	0	258.75	44.04	0	72.03	
20/12/2024 14:40	10.86	0	106.22	15.19	15.84	0	22.53	16.07	26.42	0	258.46	45.69	0	64.89	
20/12/2024 14:45	11.02	0	103.51	15.26	15.23	0	22.92	16.26	27.31	0	254.31	45.66	0	68.71	
20/12/2024 14:50	10.72	0	106.45	15.21	15.08	0	26.45	16.1	26.19	0	259.92	43.87	0	75.37	
20/12/2024 14:55	10.39	0	106.75	15.21	15.5	0	22.74	16.18	25.37	0	260.61	45.7	0	66.92	
20/12/2024 15:00	10.92	0	103.79	15.31	15.37	0	22.88	16.25	27.31	0	257.19	45.96	0	68.41	
20/12/2024 15:05	10.9	0	107.91	15.28	15.21	0	27.03	16.08	26.93	0	266.69	44.04	0	76.67	
20/12/2024 15:10	11.02	0	108.3	15.28	15.94	0	24.02	16.05	27.24	0	267.84	45.69	0	68.78	
20/12/2024 15:15	10.69	0	104.55	15.34	16.01	0	23.85	16.16	26.87	0	260.49	46.94	0	69.93	
20/12/2024 15:20	10.84	0	108.11	15.3	15.71	0	28.11	15.97	26.93	0	268.48	44.51	0	78.16	
20/12/2024 15:25	10.81	0	108.31	15.3	16.05	0	24.81	15.91	26.84	0	268.85	44.73	0	69.14	
20/12/2024 15:30															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
20/12/2024 16:30	10.92	0	104.99	15.36	16.34	0	25.43	15.94	27.47	0	262.45	45.78	0	71.27	
20/12/2024 16:35	10.94	0	108.78	15.31	15.9	0	29.49	15.82	27.2	0	270.53	43.65	0	79.85	
20/12/2024 16:40	11.42	0	109.88	15.31	16.45	0	25.48	15.8	28.41	0	273.34	44.87	0	69.46	
20/12/2024 16:45	10.52	0	105.68	15.34	16.12	0	25.57	15.86	26.39	0	263.82	44.46	0	70.52	
20/12/2024 16:50	10.57	0	108.2	15.31	15.78	0	29.09	15.77	26.27	0	269	42.81	0	78.13	
20/12/2024 16:55	11.17	0	107.31	15.31	16.18	0	26.1	15.74	27.77	0	266.74	43.59	0	70.27	
20/12/2024 17:00	11.17	0	102.59	15.33	16.17	0	26.25	15.8	27.94	0	255.45	44.07	0	71.54	
20/12/2024 17:05	12.16	0	101.19	15.25	15.91	0	29.16	15.72	29.94	0	249.07	42.73	0	77.64	
20/12/2024 17:10	12.41	0	100.72	15.25	16.33	0	26.17	15.73	30.51	0	247.72	43.89	0	70.33	
20/12/2024 17:15	12.06	0	100.5	15.29	16.69	0	25.86	15.74	29.9	0	248.63	44.95	0	69.67	
20/12/2024 17:20	11.92	0	102.83	15.25	16.24	0	29.16	15.67	29.32	0	252.9	43.27	0	76.98	
20/12/2024 17:25	11.86	0	102.14	15.24	16.53	0	26.59	15.69	29.14	0	251.01	44.11	0	70.9	
20/12/2024 17:30	11.34	0	101.75	15.32	16.58	0	27.06	15.7	28.26	0	253.19	44.33	0	72.33	
20/12/2024 17:35	11.06	0	107.71	15.31	16.07	0	30.63	15.62	27.52	0	268.02	42.41	0	80.25	
20/12/2024 17:40	11.31	0	108.2	15.32	16.17	0	26.78	15.64	28.17	0	269.4	42.71	0	70.74	
20/12/2024 17:45	11.03	0	106.6	15.34	16.39	0	26.78	15.67	27.6	0	265.92	43.56	0	71.19	
20/12/2024 17:50	10.34	0	110.09	15.31	16.01	0	31.1	15.61	25.7	0	273.54	42.1	0	81.18	
20/12/2024 17:55	10.83	0	109.58	15.31	16.33	0	27.17	15.65	26.91	0	272.37	43.28	0	71.99	
20/12/2024 18:00	10.81	0	106.94	15.34	16.54	0	27.32	15.68	27.05	0	266.83	44.07	0	72.78	
20/12/2024 18:05	10.77	0	110.43	15.31	16.29	0	31.41	15.63	26.79	0	274.64	43.02	0	82.84	
20/12/2024 18:10	10.91	0	110.39	15.31	16.48	0	27.74	15.63	27.11	0	274.39	43.51	0	73.21	
20/12/2024 18:15	10.94	0	107.31	15.34	16.31	0	27.72	15.67	27.37	0	267.86	43.36	0	73.71	
20/12/2024 18:20	10.51	0	110.67	15.31	16.04	0	28.63	15.62	26.12	0	275.03	42.28	0	75.32	
20/12/2024 18:25	11.06	0	111.02	15.31	16.75	0	27.83	15.62	27.5	0	275.94	44.07	0	73.19	
20/12/2024 18:30	10.56	0	106.86	15.33	16.79	0	27.78	15.63	26.42	0	266.5	44.28	0	73.28	
20/12/2024 18:35	10.97	0	109.71	15.31	16.37	0	31.05	15.58	27.3	0	272.96	42.79	0	80.71	
20/12/2024 18:40	11.19	0	108.86	15.31	16.78	0	27.61	15.57	27.82	0	270.66	43.8	0	72.05	
20/12/2024 18:45	10.71	0	104.88	15.33	16.83	0	27.94	15.6	26.77	0	261.66	44.14	0	73.26	
20/12/2024 18:50	10.67	0	110.64	15.31	16.29	0	31.22	15.55	26.52	0	274.88	42.39	0	80.8	
20/12/2024 18:55	10.47	0	110.52	15.3	16.81	0	27.73	15.57	25.98	0	274.24	43.81	0	72.26	
20/12/2024 19:00	10.53	0	106.86	15.33	17.28	0	27.71	15.59	26.31	0	266.25	45.26	0	72.59	
20/12/2024 19:05	10.95	0	109.96	15.3	16.7	0	30.98	15.56	27.21	0	273.16	43.49	0	80.26	
20/12/2024 19:10	11	0	109.86	15.3	16.89	0	27.5	15.58	27.3	0	272.61	44.12	0	71.83	
20/12/2024 19:15	11	0	105.55	15.33	17.28	0	27.92	15.6	27.49	0	263.06	45.33	0	73.23	
20/12/2024 19:20	10.79	0	110.65	15.3	16.64	0	31.83	15.55	26.79	0	274.76	43.31	0	82.37	
20/12/2024 19:25	10.91	0	111.23	15.3	17.03	0	28.74	15.55	27.07	0	276.1	44.24	0	74.62	
20/12/2024 19:30	10.91	0	106.37	15.32	17.34	0	28.32	15.57	27.22	0	264.74	45.24	0	73.88	
20/12/2024 19:35	10.84	0	108.9	15.3	16.85	0	30.28	15.54	26.89	0	270.08	43.71	0	78.29	
20/12/2024 19:40	10.59	0	108.92	15.28	17.05	0	27.74	15.55	26.22	0	269.61	44.31	0	72.1	
20/12/2024 19:45	11.15	0	106.38	15.32	16.8	0	27.8	15.58	27.82	0	264.89	43.88	0	72.61	
20/12/2024 19:50	10.74	0	109.14	15.3	16.33	0	31.16	15.54	26.65	0	270.77	42.4	0	80.49	
20/12/2024 19:55	10.78	0	109.13	15.3	17.06	0	27.51	15.57	26.74	0	270.64	44.5	0	71.72	
20/12/2024 20:00	10.63	0	104.06	15.32	17.26	0	27.59	15.58	26.51	0	258.97	45.1	0	72.08	
20/12/2024 20:05	10.85	0	109.52	15.3	16.82	0	30.44	15.55	26.93	0	271.69	43.7	0	78.7	
20/12/2024 20:10	11.16	0	109.72	15.29	17.08	0	27.49	15.56	27.66	0	272.03	44.46	0	71.55	
20/12/2024 20:15	10.84	0	106.45	15.32	16.68	0	27.48	15.57	27.07	0	265.02	43.51	0	71.69	
20/12/2024 20:20	10.83	0	109.76	15.3	16.4	0	31.35	15.53	26.89	0	272.46	42.47	0	80.79	
20/12/2024 20:25	10.91	0	109.92	15.3	16.93	0	27.76	15.55	27.06	0	272.69	44.02	0	72.15	
20/12/2024 20:30	10.81	0	106.82	15.32	17	0	28.27	15.56	26.96	0	265.89	44.26	0	73.61	
20/12/2024 20:35	11.02	0	109.85	15.3	16.53	0	29.67	15.53	27.36	0	272.79	42.86	0	76.74	
20/12/2024 20:40	10.97	0	109.97	15.3	16.89	0	27.96	15.55	27.2	0	272.73	43.9	0	72.67	
20/12/2024 20:45	10.76	0	105.99	15.32	17	0	27.81	15.56	26.87	0	263.88	44.28	0	72.46	
20/12/2024 20:50	11.2	0	109.71	15.3	16.62	0	30.69	15.53	27.82	0	272.43	43.04	0	79.11	
20/12/2024 20:55	11.58	0	110.22	15.3	17.15	0	26.74	15.53	28.75	0	273.66	44.42	0	69.25	
20/12/2024 21:00	11.43	0	106.07	15.32	17.2	0	26.65	15.55	28.51	0	264.15	44.67	0	69.22	
20/12/2024 21:05	10.87	0	109.64	15.3	16.7	0	28.54	15.52	26.95	0	271.9	43.19	0	73.62	
20/12/2024 21:10	10.89	0	109.53	15.29	17.09	0	26.97	15.55	26.99	0	271.49	44.4	0	70.06	
20/12/2024 21:15	11.12	0	105.93	15.32	16.9	0	27.33	15.57	27.75	0	263.7	44.06	0	71.25	
20/12/2024 21:20	10.99	0	109.4	15.29	16.56	0	29	15.53	27.26	0	271.26	42.89	0	74.94	
20/12/2024 21:25	11.22	0	109.19	15.29	17.12	0	27.59	15.53	27.81	0	270.64	44.33	0	71.44	
20/12/2024 21:30	10.35	0	106.17	15.31	17.14	0	27.24	15.54	25.8	0	263.81	44.46	0	70.65	
20/12/2024 21:35	10.54	0	109.92	15.29	16.52	0	30.59	15.51	26.12	0	272.46	42.65	0	78.65	
20/12/2024 21:40	10.55	0	110.44	15.29	16.95	0	27.61	15.55	26.15	0	273.82	44.07	0	71.78	
20/12/2024 21:45	10.73	0	105.93	15.32	17.41	0	27.23	15.56	26.77	0	263.61	45.29	0	70.85	
20/12/2024 21:50	10.89	0	110.31	15.3	16.85	0	30.57	15.52	27.03	0	273.67	43.59	0	78.71	
20/12/2024 21:55	11	0	110.72	15.3	16.95	0	27.23	15.54	27.28	0	274.59	44.01	0	70.66	
20/12/2024 22:00	10.56	0	105.79	15.31	16.97	0	27.14	15.56	26.29	0	263.06	44.17	0	70.65	
20/12/2024 22:05	10.92	0	110.82	15.3	16.39	0	31.57	15.52	27.09	0	274.96	42.41	0	81.21	
20/12/2024 22:10	11.14	0	110.31	15.3	16.86	0	27.54	15.54	27.64	0	273.66	43.74	0	71.45	
20/12/2024 22:15	10.73	0	106.98	15.32	16.78	0	27.82	15.56	26.76	0	266.23	43.69	0	72.43	
20/12/2024 22:20	10.92	0	109.97	15.3	16.29	0	30.97	15.52	27.1	0	273.03	42.15	0	79.76	
20/12/2024 22:25	10.77	0	109.2	15.29	16.97	0	27.48	15.55	26.69	0	270.76	44.09	0	71.38	
20/12/2024 22:30	10.92	0	108.5	15.32	17.37	0	27.23	15.56	27.25	0	270.37	45.22	0	70.92	
20/12/2024 22:35	10.97	0	110.54	15.3	16.86	0	29.58	15.53	27.23	0	274.49	43.65	0	76.32	
20/12/2024 22:40	11.22	0	110.86	15.3	16.91	0	27.68	15.53	27.83	0	275.02	43.8	0	71.67	
20/12/2024 22:45	11.33	0	107.09	15.33	17.16	0	27.28	15.55	28.29	0	266.74	44.6	0	70.93	
20/12/2024 22:50	10.59	0	110.25	15.3	16.63	0	30.15	15.53	26.29	0	273.67	43.03	0	77.7	
20/12/2024 22:55	11	0	110.44	15.3	17.03	0	27.69	15.55	27.28	0	273.89	44.24	0	71.91	
20/12/2024 23:00	10.95	0	10												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
21/12/2024 00:00	11.08	0	106.01	15.32	17.1	0	29.02	15.55	27.66	0	263.76	44.39	0	75.34	
21/12/2024 00:05	10.96	0	111.36	15.29	16.69	0	32.01	15.51	27.16	0	275.91	43.09	0	82.31	
21/12/2024 00:10	11.03	0	111.81	15.29	16.92	0	28.94	15.54	27.32	0	276.92	43.86	0	75.02	
21/12/2024 00:15	10.85	0	108.03	15.31	17.02	0	29.48	15.55	27.01	0	268.34	44.2	0	76.58	
21/12/2024 00:20	10.67	0	111.26	15.29	16.38	0	33.34	15.51	26.44	0	275.56	42.28	0	85.63	
21/12/2024 00:25	10.72	0	111.97	15.28	16.96	0	29.52	15.54	26.52	0	277.07	43.98	0	76.56	
21/12/2024 00:30	10.8	0	107.84	15.31	17.29	0	28.71	15.56	26.86	0	267.99	45.04	0	74.79	
21/12/2024 00:35	10.91	0	111.07	15.29	16.73	0	34.05	15.53	27.03	0	275.27	43.32	0	87.92	
21/12/2024 00:40	10.8	0	111.44	15.29	16.87	0	29.15	15.54	26.75	0	276.06	43.77	0	75.63	
21/12/2024 00:45	10.88	0	107.64	15.31	17.1	0	29.83	15.56	27.11	0	267.53	44.5	0	77.64	
21/12/2024 00:50	11.07	0	110.83	15.29	16.57	0	33.25	15.52	27.42	0	274.46	42.82	0	85.49	
21/12/2024 00:55	11.22	0	110.27	15.28	16.88	0	29.05	15.54	27.76	0	272.86	43.79	0	75.36	
21/12/2024 01:00	11.05	0	107.31	15.31	16.86	0	28.16	15.56	27.52	0	266.72	43.86	0	73.26	
21/12/2024 01:05	10.83	0	111.55	15.29	16.44	0	31.41	15.52	26.82	0	276.32	42.52	0	80.83	
21/12/2024 01:10	10.63	0	111.91	15.28	17.03	0	28.31	15.53	26.29	0	276.92	44.08	0	73.27	
21/12/2024 01:15	10.55	0	107.61	15.31	17.02	0	28.51	15.55	26.26	0	267.13	44.24	0	74.13	
21/12/2024 01:20	10.62	0	110.33	15.29	16.44	0	32.04	15.51	26.28	0	273.17	42.47	0	82.35	
21/12/2024 01:25	10.53	0	110.52	15.28	16.7	0	28.28	15.53	26.07	0	273.55	43.22	0	73.18	
21/12/2024 01:30	11.39	0	105.49	15.32	17.16	0	28.43	15.55	28.44	0	262.42	44.56	0	73.83	
21/12/2024 01:35	11.07	0	110.86	15.29	16.81	0	32.21	15.52	27.44	0	274.7	43.45	0	83.23	
21/12/2024 01:40	11	0	111.39	15.29	17.05	0	28.25	15.53	27.24	0	275.79	44.16	0	73.2	
21/12/2024 01:45	11.14	0	109.23	15.31	17.42	0	29.28	15.56	27.75	0	271.59	45.29	0	76.15	
21/12/2024 01:50	11.19	0	110.38	15.29	16.88	0	32.19	15.52	27.71	0	273.4	43.62	0	82.82	
21/12/2024 01:55	11.22	0	110.08	15.28	17.12	0	28.18	15.53	27.76	0	272.39	44.27	0	72.9	
21/12/2024 02:00	11.37	0	106.13	15.32	17.25	0	29.38	15.54	28.34	0	263.8	44.77	0	76.24	
21/12/2024 02:05	11.4	0	110.35	15.29	16.82	0	31.88	15.51	28.26	0	273.53	43.45	0	81.98	
21/12/2024 02:10	11.64	0	110.58	15.29	17.16	0	27.08	15.53	28.85	0	274.01	44.42	0	70.08	
21/12/2024 02:15	11.29	0	105.31	15.31	17.42	0	28.82	15.55	28.11	0	261.83	45.27	0	74.87	
21/12/2024 02:20	11.18	0	110.49	15.29	17.03	0	29.4	15.52	27.71	0	273.92	44.03	0	75.91	
21/12/2024 02:25	11.06	0	110.34	15.29	17.14	0	27.52	15.52	27.41	0	273.43	44.27	0	71.08	
21/12/2024 02:30	11.21	0	107.25	15.31	17.29	0	27.73	15.53	27.91	0	266.36	44.74	0	71.75	
21/12/2024 02:35	11.24	0	110.11	15.29	16.88	0	30.73	15.5	27.84	0	272.75	43.49	0	78.84	
21/12/2024 02:40	11.28	0	110.08	15.28	17.27	0	27.06	15.52	27.92	0	272.47	44.66	0	69.95	
21/12/2024 02:45	11.22	0	105.11	15.31	17.1	0	27.49	15.54	27.9	0	261.01	44.35	0	71.3	
21/12/2024 02:50	11.34	0	110.51	15.29	16.69	0	29.82	15.51	28.09	0	273.68	43.08	0	76.74	
21/12/2024 02:55	11.5	0	110.73	15.28	17.02	0	27.87	15.53	28.47	0	274.09	44.04	0	72.11	
21/12/2024 03:00	11.15	0	106.61	15.31	16.69	0	28.11	15.54	27.75	0	264.65	43.26	0	72.86	
21/12/2024 03:05	11.06	0	110.76	15.28	16.18	0	32.51	15.5	27.38	0	274.12	41.68	0	83.28	
21/12/2024 03:10	11.14	0	110.7	15.28	16.92	0	28.01	15.52	27.55	0	273.79	43.7	0	72.32	
21/12/2024 03:15	11.27	0	106.58	15.32	17.03	0	28.5	15.54	28.12	0	265.14	44.18	0	73.95	
21/12/2024 03:20	10.99	0	111.09	15.29	16.63	0	32.24	15.51	27.21	0	275.18	42.93	0	83.15	
21/12/2024 03:25	10.86	0	111.25	15.28	16.87	0	28.06	15.52	26.87	0	275.29	43.56	0	72.45	
21/12/2024 03:30	11.13	0	107.35	15.31	17.18	0	27.95	15.53	27.7	0	266.79	44.48	0	72.35	
21/12/2024 03:35	11.29	0	109.1	15.29	16.85	0	30.8	15.5	27.99	0	270.43	43.38	0	78.97	
21/12/2024 03:40	11.28	0	108.86	15.29	17.32	0	25.96	15.51	27.94	0	269.6	44.63	0	66.91	
21/12/2024 03:45	11.65	0	103.26	15.31	17.57	0	25.47	15.52	29.02	0	256.52	45.43	0	65.86	
21/12/2024 03:50	11.5	0	107.25	15.29	17.19	0	27.71	15.5	28.48	0	265.7	44.26	0	71.14	
21/12/2024 03:55	11.53	0	107.56	15.29	17.43	0	26.04	15.51	28.57	0	266.47	44.96	0	67.16	
21/12/2024 04:00	11.38	0	104.5	15.31	17.63	0	26.25	15.52	28.32	0	259.63	45.57	0	67.85	
21/12/2024 04:05	11.44	0	107.79	15.29	17.09	0	29.51	15.49	28.32	0	266.91	43.99	0	75.59	
21/12/2024 04:10	11.44	0	107.44	15.28	17.46	0	25.54	15.52	28.31	0	265.93	45.14	0	66.03	
21/12/2024 04:15	11.58	0	102.95	15.32	17.65	0	25.79	15.55	28.88	0	256	45.87	0	67.04	
21/12/2024 04:20	11.67	0	106.57	15.29	17.2	0	28.59	15.51	28.91	0	263.99	44.43	0	73.5	
21/12/2024 04:25	11.73	0	106.73	15.28	17.48	0	25.46	15.52	29.03	0	264.05	45.14	0	65.75	
21/12/2024 04:30	11.7	0	103.28	15.31	17.44	0	25.43	15.54	29.13	0	256.47	45.22	0	65.95	
21/12/2024 04:35	11.91	0	105.95	15.29	17.14	0	27.06	15.51	29.51	0	262.56	44.26	0	69.66	
21/12/2024 04:40	12.17	0	105.02	15.29	17.57	0	24.27	15.54	30.15	0	260.08	45.53	0	62.88	
21/12/2024 04:45	12.02	0	100.08	15.31	17.86	0	24.22	15.55	29.91	0	248.85	46.43	0	62.97	
21/12/2024 04:50	12.15	0	105.98	15.29	17.45	0	27.92	15.52	30.1	0	262.51	45.09	0	71.76	
21/12/2024 04:55	12.09	0	105.63	15.29	17.76	0	25.21	15.52	29.95	0	261.59	45.89	0	65.14	
21/12/2024 05:00	11.9	0	102.17	15.31	17.75	0	25.43	15.54	29.65	0	253.97	46.07	0	65.99	
21/12/2024 05:05	11.76	0	105.14	15.28	17.29	0	28.56	15.5	29.11	0	260.25	44.57	0	73.27	
21/12/2024 05:10	11.78	0	104.17	15.28	17.77	0	24.33	15.51	29.13	0	257.56	45.82	0	62.74	
21/12/2024 05:15	11.86	0	102.68	15.31	17.93	0	24.36	15.53	29.5	0	255.01	46.42	0	63.05	
21/12/2024 05:20	11.73	0	105.85	15.29	17.42	0	28.22	15.5	29.07	0	262.33	44.9	0	72.33	
21/12/2024 05:25	11.69	0	106.25	15.29	17.99	0	25.23	15.53	28.95	0	263.14	46.55	0	65.25	
21/12/2024 05:30	11.86	0	101.38	15.32	17.99	0	25.26	15.55	29.55	0	252.1	46.74	0	65.62	
21/12/2024 05:35	11.93	0	104.15	15.29	17.52	0	28.07	15.51	29.54	0	257.93	45.26	0	72.13	
21/12/2024 05:40	12	0	103.08	15.28	17.7	0	23.97	15.52	29.69	0	255.07	45.77	0	61.97	
21/12/2024 05:45	11.98	0	100.84	15.31	17.95	0	24.14	15.55	29.84	0	250.61	46.6	0	62.68	
21/12/2024 05:50	12.05	0	105.34	15.29	17.43	0	27.62	15.51	29.89	0	261.17	45	0	70.93	
21/12/2024 05:55	12.09	0	106.25	15.29	17.67	0	24.68	15.52	29.96	0	263.21	45.66	0	63.76	
21/12/2024 06:00	12.03	0	102.53	15.31	17.69	0	24.81	15.54	29.91	0	254.57	45.87	0	64.33	
21/12/2024 06:05	12.07	0	104.8	15.29	17.37	0	25.59	15.51	29.89	0	259.61	44.83	0	65.94	
21/12/2024 06:10	11.92	0	104.78	15.28	17.7	0	23.96	15.53	29.5	0	259.29	45.83	0	62.04	
21/12/2024 06:15	12.22	0	99.25	15.32	17.8	0	23.87	15.56	30.51	0	246.9	46.32	0	62.1	
21/12/2024 06:20	12	0	104.56	15.29	17.41	0	28.05	15.52	29.73	0	258.99	45.04	0	72.46	
21/12/2024 06:25	11.78	0	104.09	15.28	17.59	0	24.27	15.52	29.16	0	257.66	45.43	0	62.69	



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
21/12/2024 07:30	12.49	0	98.55	15.31	17.95	0	23.49	15.54	31.11	0	244.88	46.59	0	60.97	
21/12/2024 07:35	12.33	0	102.18	15.29	17.49	0	26.49	15.51	30.53	0	252.99	45.14	0	68.03	
21/12/2024 07:40	12.41	0	101.84	15.28	17.8	0	23.09	15.52	30.7	0	252.02	45.98	0	59.65	
21/12/2024 07:45	12.37	0	98.61	15.32	17.99	0	23.26	15.53	30.84	0	245.25	46.57	0	60.2	
21/12/2024 07:50	11.95	0	102.8	15.29	17.49	0	26.07	15.5	29.63	0	254.79	45.08	0	66.91	
21/12/2024 07:55	11.75	0	103.66	15.29	17.75	0	23.85	15.52	29.1	0	256.72	45.87	0	61.63	
21/12/2024 08:00	12.06	0	98.45	15.32	17.83	0	23.14	15.53	30.07	0	244.82	46.17	0	59.91	
21/12/2024 08:05	12.02	0	103.33	15.29	17.37	0	26.61	15.5	29.79	0	256.12	44.73	0	68.18	
21/12/2024 08:10	12.02	0	104.03	15.29	17.73	0	23.32	15.52	29.75	0	257.57	45.84	0	60.29	
21/12/2024 08:15	11.57	0	100.18	15.31	17.72	0	23.79	15.54	28.78	0	248.71	45.93	0	61.66	
21/12/2024 08:20	11.97	0	102.8	15.29	17.27	0	26.82	15.51	29.69	0	254.9	44.61	0	68.94	
21/12/2024 08:25	11.89	0	102.27	15.29	17.65	0	23.56	15.55	29.48	0	253.55	45.85	0	61.21	
21/12/2024 08:30	12.01	0	98.64	15.32	17.91	0	23.79	15.57	29.98	0	245.38	46.74	0	62.09	
21/12/2024 08:35	11.97	0	103.55	15.29	17.52	0	26.66	15.54	29.66	0	256.6	45.46	0	68.82	
21/12/2024 08:40	12.14	0	103.83	15.29	17.43	0	24.07	15.56	30.07	0	257.14	45.32	0	62.61	
21/12/2024 08:45	11.99	0	99.86	15.32	17.64	0	23.68	15.56	29.9	0	248.39	45.96	0	61.69	
21/12/2024 08:50	12.16	0	103.6	15.3	17.26	0	26.97	15.53	30.17	0	257	44.71	0	69.51	
21/12/2024 08:55	12.69	0	103.73	15.3	17.68	0	23.97	15.56	31.47	0	257.27	45.98	0	62.34	
21/12/2024 09:00	11.76	0	99.32	15.32	17.68	0	23.99	15.57	29.32	0	247.11	46.07	0	62.52	
21/12/2024 09:05	11.9	0	102.8	15.3	17.3	0	26.47	15.53	29.52	0	255.02	44.77	0	68.22	
21/12/2024 09:10	11.98	0	102.47	15.29	17.92	0	23.26	15.52	29.7	0	253.92	46.36	0	60.16	
21/12/2024 09:15	12.08	0	99.22	15.32	18.19	0	23.03	15.54	30.1	0	246.85	47.16	0	59.72	
21/12/2024 09:20	12.15	0	101.44	15.3	17.68	0	26.24	15.52	30.18	0	251.89	45.71	0	67.51	
21/12/2024 09:25	12.31	0	101.3	15.3	17.69	0	23.38	15.57	30.54	0	251.29	46.13	0	60.99	
21/12/2024 09:30	12.06	0	98.83	15.33	17.92	0	22.98	15.58	30.11	0	246.22	46.83	0	60.06	
21/12/2024 09:35	11.72	0	102.77	15.3	17.32	0	26.24	15.54	29.09	0	255.1	44.98	0	67.77	
21/12/2024 09:40	11.53	0	102.7	15.3	17.69	0	23.55	15.56	28.61	0	254.78	46.02	0	61.24	
21/12/2024 09:45	11.66	0	99.1	15.33	17.93	0	23.71	15.57	29.12	0	246.92	46.8	0	61.88	
21/12/2024 09:50	11.9	0	102.71	15.3	17.62	0	27.44	15.54	29.55	0	255.07	45.74	0	70.79	
21/12/2024 09:55	11.92	0	102.33	15.3	17.83	0	22.76	15.58	29.6	0	254.06	46.61	0	59.5	
21/12/2024 10:00	11.86	0	98.56	15.33	18.27	0	23.08	15.59	29.65	0	245.72	47.84	0	60.43	
21/12/2024 10:05	11.63	0	102.93	15.3	17.76	0	26.19	15.55	28.87	0	255.6	46.2	0	67.74	
21/12/2024 10:10	11.78	0	103.02	15.3	17.79	0	23.36	15.56	29.22	0	255.49	46.29	0	60.76	
21/12/2024 10:15	11.73	0	99.53	15.33	17.48	0	24.5	15.57	29.29	0	247.91	45.6	0	63.92	
21/12/2024 10:20	11.65	0	102.78	15.31	17.29	0	28.02	15.55	28.95	0	255.35	44.92	0	72.73	
21/12/2024 10:25	12.38	0	102.91	15.31	17.81	0	23.48	15.57	30.77	0	255.86	46.45	0	61.22	
21/12/2024 10:30	12.16	0	99.48	15.33	18.17	0	22.79	15.58	30.39	0	248.21	47.5	0	59.57	
21/12/2024 10:35	11.5	0	102.09	15.3	17.57	0	26.25	15.55	28.57	0	253.54	45.73	0	67.88	
21/12/2024 10:40	11.53	0	103.05	15.3	17.76	0	23.35	15.57	28.61	0	255.71	46.35	0	60.92	
21/12/2024 10:45	11.59	0	99.33	15.33	17.84	0	23.24	15.59	28.99	0	247.72	46.67	0	60.79	
21/12/2024 10:50	11.64	0	102.86	15.31	17.35	0	25.46	15.55	28.93	0	255.66	45.14	0	65.97	
21/12/2024 10:55	11.52	0	102.95	15.3	17.84	0	23.68	15.56	28.61	0	255.76	46.43	0	61.61	
21/12/2024 11:00	11.47	0	98.74	15.33	17.74	0	23.44	15.57	28.7	0	246.2	46.25	0	61.1	
21/12/2024 11:05	11.63	0	102.06	15.3	17.41	0	24.73	15.55	28.88	0	253.34	45.23	0	64.07	
21/12/2024 11:10	11.58	0	102.55	15.3	17.91	0	22.79	15.56	28.72	0	254.39	46.62	0	59.31	
21/12/2024 11:15	11.93	0	98.79	15.33	18.29	0	22.99	15.58	29.81	0	246.18	47.79	0	60.07	
21/12/2024 11:20	11.93	0	102.14	15.3	17.65	0	26.67	15.54	29.62	0	253.69	45.85	0	68.84	
21/12/2024 11:25	12.31	0	102.05	15.3	17.85	0	22.98	15.57	30.56	0	253.29	46.51	0	59.89	
21/12/2024 11:30	12.13	0	95.59	15.32	18.27	0	23.11	15.57	30.26	0	238.07	47.67	0	60.3	
21/12/2024 11:35	11.68	0	102.08	15.3	17.75	0	25.19	15.55	28.97	0	253.21	46.12	0	65.22	
21/12/2024 11:40	11.55	0	101.33	15.29	17.7	0	23.43	15.54	28.63	0	251.23	45.94	0	60.82	
21/12/2024 11:45	11.68	0	98.23	15.32	18.05	0	23.05	15.55	29.14	0	244.47	46.88	0	59.86	
21/12/2024 11:50	12.11	0	101.36	15.3	17.55	0	25.9	15.54	30.07	0	251.7	45.52	0	66.85	
21/12/2024 11:55	12.42	0	100.7	15.3	17.41	0	23.25	15.6	30.82	0	249.89	45.64	0	60.93	
21/12/2024 12:00	11.54	0	98.33	15.32	17.55	0	23.36	15.58	28.81	0	244.59	45.84	0	61	
21/12/2024 12:05	11.18	0	102.97	15.29	17.1	0	26.33	15.56	27.7	0	255.03	44.51	0	68.17	
21/12/2024 12:10	10.69	0	103.47	15.28	17.52	0	23.68	15.59	26.43	0	255.9	45.86	0	61.99	
21/12/2024 12:15	11.02	0	100.34	15.31	17.68	0	23.8	15.57	27.44	0	249.08	46.16	0	62.11	
21/12/2024 12:20	11.12	0	103.31	15.29	17.05	0	27.64	15.53	27.56	0	256.04	44.22	0	71.24	
21/12/2024 12:25	11.08	0	102.67	15.28	17.35	0	24.4	15.55	27.42	0	254.14	45.1	0	63.43	
21/12/2024 12:30	11.15	0	100.76	15.32	17.27	0	25.06	15.55	27.82	0	250.57	44.9	0	65.16	
21/12/2024 12:35	11.4	0	104.74	15.29	16.84	0	28	15.53	28.26	0	259.62	43.65	0	72.21	
21/12/2024 12:40	11.77	0	104.48	15.29	17.28	0	24.58	15.55	29.14	0	258.77	44.93	0	63.93	
21/12/2024 12:45	11.11	0	101.42	15.31	17.37	0	25.69	15.55	27.66	0	251.85	45.16	0	66.8	
21/12/2024 12:50	10.99	0	103.32	15.29	16.9	0	27.92	15.55	27.23	0	255.9	43.94	0	72.25	
21/12/2024 12:55	11.05	0	102.97	15.28	17.17	0	23.44	15.65	27.34	0	254.87	45.47	0	62.06	
21/12/2024 13:00	11.21	0	98.8	15.32	17.51	0	23.6	15.66	28.02	0	245.72	46.42	0	62.55	
21/12/2024 13:05	11.08	0	103.61	15.29	16.94	0	26.52	15.63	27.44	0	256.51	44.72	0	69.51	
21/12/2024 13:10	11.08	0	103.72	15.28	17.1	0	23.44	15.71	27.41	0	256.59	45.76	0	62.75	
21/12/2024 13:15	10.94	0	99.75	15.31	17.34	0	23.78	15.67	27.28	0	247.76	46.11	0	63.26	
21/12/2024 13:20	10.92	0	103.15	15.29	16.84	0	26.82	15.65	27.03	0	255.41	44.6	0	70.47	
21/12/2024 13:25	10.73	0	103.94	15.28	17.15	0	23.53	15.69	26.57	0	257.27	45.74	0	62.74	
21/12/2024 13:30	10.91	0	100.4	15.31	17.48	0	25.06	15.67	27.19	0	249.38	46.47	0	66.62	
21/12/2024 13:35	10.92	0	103.78	15.29	16.89	0	27.68	15.64	27.05	0	257.02	44.68	0	72.69	
21/12/2024 13:40	10.83	0	103.94	15.28	17.09	0	23.03	15.72	26.79	0	257.2	45.9	0	61.85	
21/12/2024 13:45	11.68	0	100.39	15.32	17.86	0	23.42	15.72	29.15	0	249.56	47.94	0	62.87	
21/12/2024 13:50	11.03	0	103.58	15.28	17.11	0	26.39	15.72	27.31	0	256.39	45.93	0	70.19	
21/12/2024 13:55	11.44	0	103.03	15.29	16.71	0	22.56	15.85	28.33	0	255.17	46	0	62.08	
21/12/2024 14:00	10.95	0	98.76												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
21/12/2024 15:00	10.95	0	99.72	15.38	16.03	0	20.21	16.29	27.77	0	249.7	48.31	0	60.89	
21/12/2024 15:05	11.13	0	104.33	15.3	15.83	0	23.66	16.11	27.63	0	258.92	46.21	0	67.65	
21/12/2024 15:10	11.06	0	104.78	15.29	15.92	0	21.83	16.14	27.43	0	259.79	46.54	0	63.8	
21/12/2024 15:15	10.58	0	101.32	15.36	15.48	0	20.77	16.43	26.68	0	252.77	48.16	0	64.61	
21/12/2024 15:20	11.09	0	104.23	15.3	15.43	0	23.82	16.23	27.53	0	258.73	46.16	0	69.81	
21/12/2024 15:25	11.42	0	103.89	15.3	15.78	0	21.95	16.16	28.34	0	257.8	46.4	0	64.44	
21/12/2024 15:30	10.9	0	99.86	15.35	15.36	0	21.65	16.31	27.41	0	249.92	46.53	0	65.62	
21/12/2024 15:35	10.87	0	104.11	15.3	15.28	0	26.05	16.15	26.99	0	258.54	44.9	0	76.13	
21/12/2024 15:40	10.69	0	103.77	15.3	15.92	0	21.13	16.19	26.52	0	257.49	47.06	0	62.43	
21/12/2024 15:45	11.01	0	100.15	15.39	15.5	0	20.41	16.38	28.04	0	251.36	47.69	0	62.79	
21/12/2024 15:50	11.18	0	104.13	15.3	15.41	0	24.3	16.19	27.77	0	258.68	45.67	0	70.31	
21/12/2024 15:55	11.52	0	103.66	15.31	16.04	0	21.86	16.1	28.62	0	257.65	46.53	0	63.34	
21/12/2024 16:00	11.03	0	100.67	15.36	16.13	0	20.91	16.29	27.85	0	251.6	48.59	0	63	
21/12/2024 16:05	11.22	0	104.59	15.3	15.81	0	25	16.13	27.87	0	259.79	46.3	0	71.5	
21/12/2024 16:10	12.28	0	104.42	15.3	15.56	0	21.33	16.26	30.51	0	259.41	46.7	0	63.89	
21/12/2024 16:15	11.08	0	101.97	15.39	14.99	0	20.12	16.66	28.13	0	255.52	49.17	0	66	
21/12/2024 16:20	10.88	0	105.48	15.31	14.84	0	25.04	16.37	27.04	0	262.06	46.04	0	74.76	
21/12/2024 16:25	10.69	0	105.36	15.3	15.64	0	21.41	16.29	26.54	0	261.59	47.21	0	64.51	
21/12/2024 16:30	10.77	0	101.92	15.37	15.05	0	20.18	16.52	27.24	0	255.2	47.78	0	64.09	
21/12/2024 16:35	10.94	0	104.32	15.31	15.06	0	26.07	16.32	27.19	0	259.33	45.93	0	78.49	
21/12/2024 16:40	11.5	0	104.27	15.3	15.71	0	21.23	16.24	28.57	0	259.02	46.98	0	63.37	
21/12/2024 16:45	10.95	0	100.33	15.38	15.44	0	19.06	16.66	27.75	0	250.83	50.56	0	62.41	
21/12/2024 16:50	10.99	0	104.46	15.31	15.34	0	23.8	16.36	27.32	0	259.65	47.47	0	70.96	
21/12/2024 16:55	11.36	0	104.42	15.31	15.64	0	21.63	16.29	28.23	0	259.48	47.2	0	65.19	
21/12/2024 17:00	10.65	0	101.45	15.36	14.87	0	20.44	16.64	26.91	0	253.77	48.52	0	66.68	
21/12/2024 17:05	12.03	0	98.57	15.25	14.96	0	23.43	16.37	29.61	0	242.62	46.28	0	70.88	
21/12/2024 17:10	11.61	0	98.89	15.24	15.44	0	21.88	16.24	28.53	0	243.02	46.17	0	65.34	
21/12/2024 17:15	11.8	0	95.52	15.35	14.92	0	20.71	16.56	29.77	0	237.52	47.76	0	66.33	
21/12/2024 17:20	12.12	0	100.1	15.26	14.94	0	24.5	16.28	29.84	0	246.51	45.3	0	72.39	
21/12/2024 17:25	11.64	0	99.64	15.25	15.93	0	23.09	16.01	28.61	0	244.93	45.37	0	65.68	
21/12/2024 17:30	11.85	0	94.77	15.34	15.3	0	22.21	16.28	29.75	0	235.31	46.07	0	66.87	
21/12/2024 17:35	11.69	0	101.19	15.27	15.26	0	26.43	16.09	28.87	0	249.91	44.32	0	76.63	
21/12/2024 17:40	10.89	0	103.36	15.28	15.86	0	23.04	15.91	26.96	0	255.84	44.25	0	64.22	
21/12/2024 17:45	10.32	0	102.04	15.35	15.33	0	22.1	16.08	25.94	0	254.45	44.2	0	63.73	
21/12/2024 17:50	10.89	0	106.48	15.31	15.29	0	26.81	15.91	27.05	0	264.61	42.74	0	74.76	
21/12/2024 17:55	10.61	0	105.97	15.3	16.27	0	24.89	15.7	26.32	0	262.88	43.5	0	66.52	
21/12/2024 18:00	10.82	0	101.59	15.36	16.35	0	24.31	15.82	27.23	0	253.77	44.76	0	66.55	
21/12/2024 18:05	10.83	0	106.92	15.31	15.82	0	28.14	15.73	26.92	0	265.82	42.66	0	75.06	
21/12/2024 18:10	10.69	0	106.81	15.3	16.62	0	25.02	15.68	26.54	0	265.2	44.31	0	66.67	
21/12/2024 18:15	10.62	0	102.22	15.34	16.83	0	24.73	15.75	26.62	0	255.15	45.44	0	66.79	
21/12/2024 18:20	10.93	0	105.77	15.31	16.33	0	28.46	15.68	27.18	0	263.04	43.57	0	75.22	
21/12/2024 18:25	11.09	0	106.11	15.31	16.77	0	24.35	15.68	27.58	0	263.82	44.68	0	64.87	
21/12/2024 18:30	11.33	0	101.58	15.34	16.7	0	23.63	15.73	28.38	0	253.57	44.93	0	63.57	
21/12/2024 18:35	11.27	0	103.88	15.31	16.44	0	27.36	15.65	28.01	0	258.24	43.61	0	71.96	
21/12/2024 18:40	12.13	0	103.58	15.31	17.32	0	23.29	15.62	30.15	0	257.53	45.64	0	61.34	
21/12/2024 18:45	11.41	0	100.47	15.34	17.24	0	23.49	15.65	28.56	0	250.56	45.63	0	62.18	
21/12/2024 18:50	11.11	0	104.66	15.3	16.66	0	28.32	15.59	27.6	0	259.96	43.7	0	73.57	
21/12/2024 18:55	11.2	0	105.08	15.3	17.19	0	25.19	15.59	27.82	0	260.89	44.97	0	65.89	
21/12/2024 19:00	11.02	0	100.65	15.33	17.36	0	25.14	15.63	27.57	0	250.92	45.74	0	66.26	
21/12/2024 19:05	11.28	0	104.74	15.3	16.96	0	26.62	15.58	28	0	260.09	44.38	0	69.41	
21/12/2024 19:10	11.77	0	105.03	15.3	16.89	0	26	15.59	29.2	0	260.7	44.19	0	68.01	
21/12/2024 19:15	11.43	0	103.15	15.32	17.36	0	25.63	15.62	28.53	0	256.81	45.68	0	67.46	
21/12/2024 19:20	10.8	0	105.45	15.3	16.86	0	27.07	15.58	26.78	0	261.61	44.11	0	70.63	
21/12/2024 19:25	10.88	0	104.64	15.29	16.9	0	26.66	15.61	26.96	0	259.44	44.44	0	70.09	
21/12/2024 19:30	10.8	0	101.52	15.33	16.86	0	26.65	15.66	27.03	0	252.9	44.71	0	70.67	
21/12/2024 19:35	11.13	0	105.86	15.3	16.46	0	30.24	15.57	27.61	0	262.62	42.96	0	78.41	
21/12/2024 19:40	11.06	0	106.17	15.3	17.2	0	27.29	15.44	27.44	0	263.31	43.82	0	69.51	
21/12/2024 19:45	10.84	0	99.47	15.32	17.34	0	26.73	15.47	27	0	247.43	44.36	0	68.38	
21/12/2024 19:50	11.37	0	105.34	15.31	16.68	0	29.73	15.53	28.25	0	261.78	43.21	0	76.77	
21/12/2024 19:55	11.48	0	105.47	15.3	16.22	0	25.14	15.91	28.51	0	261.79	45.16	0	69.98	
21/12/2024 20:00	11.12	0	102.48	15.34	16.12	0	24.87	15.95	27.89	0	255.81	45.3	0	69.87	
21/12/2024 20:05	11.18	0	105.58	15.3	15.84	0	26.02	15.91	27.77	0	262.27	44.21	0	72.14	
21/12/2024 20:10	11	0	106.22	15.3	15.89	0	23.31	16.1	27.3	0	263.65	46.09	0	67.53	
21/12/2024 20:15	11.19	0	102.08	15.35	16.12	0	23.77	16.16	28.15	0	254.91	47.3	0	69.75	
21/12/2024 20:20	11.4	0	105.12	15.3	15.66	0	27.38	16.1	28.31	0	261.09	45.45	0	78.04	
21/12/2024 20:25	11.61	0	105.25	15.3	15.43	0	22.55	16.34	28.82	0	261.32	47.08	0	68.71	
21/12/2024 20:30	11.04	0	101.08	15.38	15.21	0	21.91	16.43	28	0	253.16	47.32	0	68.17	
21/12/2024 20:35	10.92	0	105.05	15.3	15.07	0	26.78	16.25	27.12	0	260.85	45.3	0	78.08	
21/12/2024 20:40	10.8	0	105.16	15.3	15.29	0	22.35	16.36	26.78	0	260.79	46.9	0	68.46	
21/12/2024 20:45	11.13	0	100.99	15.38	15.17	0	20.69	16.47	28.21	0	252.94	47.62	0	64.95	
21/12/2024 20:50	11.3	0	104.66	15.3	15.05	0	22.45	16.33	28.06	0	259.98	45.96	0	67.83	
21/12/2024 20:55	11.39	0	104.83	15.3	15.27	0	21.54	16.43	28.27	0	260.13	47.62	0	67.09	
21/12/2024 21:00	10.95	0	101.37	15.37	15.22	0	20.68	16.55	27.68	0	253.42	48.67	0	66.14	
21/12/2024 21:05	10.95	0	105.4	15.3	14.92	0	24.94	16.39	27.18	0	261.71	46.33	0	75.13	
21/12/2024 21:10	10.63	0	106.11	15.3	14.94	0	21.21	16.54	26.35	0	263.16	47.74	0	67.62	
21/12/2024 21:15	10.91	0	101.03	15.39	14.86	0	20.51	16.7	27.74	0	253.28	49.17	0	67.86	
21/12/2024 21:20	11.33	0	103.83	15.31	14.79	0	24.34	16.49	28.15	0	258.11	46.98	0	74.95	
21/12/2024 21:25	11.48	0	102.61	15.3	14.97	0	21.33	16.54	28.53	0	254.9	47.8	0	67.93	
21/12/2024 21:30	11.19	0	100.52												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
21/12/2024 22:30	10.94	0	99.24	15.37	14.75	0	21.61	16.59	27.67	0	248.67	47.59	0	69.71	
21/12/2024 22:35	11.45	0	105.01	15.31	14.63	0	25.2	16.46	28.45	0	260.93	46.01	0	77.05	
21/12/2024 22:40	11.59	0	105.5	15.3	14.66	0	21.5	16.65	28.79	0	262.01	48.06	0	70.44	
21/12/2024 22:45	11.13	0	100.68	15.42	14.57	0	20.63	16.77	28.6	0	253.43	49.04	0	69.4	
21/12/2024 22:50	11.23	0	105.22	15.31	14.4	0	24.58	16.57	27.92	0	261.54	46.64	0	76.73	
21/12/2024 22:55	11.47	0	104.78	15.3	14.32	0	19.43	16.87	28.48	0	260.23	49.56	0	67.05	
21/12/2024 23:00	11.22	0	100.73	15.41	14.54	0	18.98	16.91	28.66	0	253.01	50.7	0	66.2	
21/12/2024 23:05	11.26	0	104.64	15.31	14.36	0	25.49	16.71	27.98	0	260.11	48.23	0	80.08	
21/12/2024 23:10	11.09	0	105.11	15.3	13.86	0	19.59	17.02	27.56	0	261.12	49.78	0	70.19	
21/12/2024 23:15	10.69	0	103.07	15.4	13.83	0	19.71	17.12	27.3	0	258.6	50.82	0	72.44	
21/12/2024 23:20	10.87	0	106.84	15.3	13.81	0	23.88	16.88	26.99	0	265.26	48.24	0	79.82	
21/12/2024 23:25	11.03	0	106.86	15.3	13.85	0	19.67	17.05	27.37	0	265.09	50.22	0	70.94	
21/12/2024 23:30	10.62	0	102.7	15.4	13.52	0	18.97	17.12	27.15	0	257.68	49.79	0	69.84	
21/12/2024 23:35	10.79	0	105.97	15.3	13.57	0	22.23	16.92	26.77	0	263.04	47.82	0	75.41	
21/12/2024 23:40	11.05	0	106.19	15.3	13.78	0	19.01	17.03	27.4	0	263.43	49.69	0	68.32	
21/12/2024 23:45	10.76	0	101.78	15.41	13.95	0	19.41	17	27.55	0	255.65	49.71	0	69.14	
21/12/2024 23:50	11.04	0	106.51	15.3	14.1	0	22.03	16.75	27.39	0	264.16	47.64	0	72.55	
21/12/2024 23:55	11.19	0	107.23	15.29	14.45	0	20.33	16.69	27.72	0	265.73	47.84	0	67.23	
22/12/2024 00:00	10.68	0	102.49	15.39	14.54	0	20.82	16.69	27.2	0	256.9	48.04	0	68.8	
22/12/2024 00:05	10.89	0	105.75	15.29	14.43	0	25.02	16.49	27	0	262.08	45.84	0	76.69	
22/12/2024 00:10	11	0	105.36	15.29	14.77	0	20.71	16.62	27.26	0	261.08	48.04	0	67.25	
22/12/2024 00:15	10.82	0	102.41	15.36	15.1	0	20.6	16.59	27.32	0	255.71	48.7	0	66.42	
22/12/2024 00:20	10.96	0	105.8	15.29	14.81	0	24.95	16.43	27.16	0	262.28	46.37	0	75.51	
22/12/2024 00:25	10.8	0	106.81	15.29	14.45	0	20.3	16.67	26.75	0	264.68	47.65	0	66.86	
22/12/2024 00:30	10.83	0	102.04	15.39	14.39	0	20.26	16.76	27.6	0	255.79	48.35	0	68.05	
22/12/2024 00:35	11.06	0	105.61	15.3	14.18	0	24.49	16.6	27.44	0	262.08	46.2	0	76.65	
22/12/2024 00:40	11.08	0	105.75	15.29	14.09	0	19.46	16.87	27.47	0	262.19	48.75	0	67.23	
22/12/2024 00:45	10.73	0	102.74	15.37	14.36	0	20.64	16.82	27.17	0	256.75	48.93	0	70.34	
22/12/2024 00:50	10.74	0	105.87	15.3	14.3	0	24.53	16.62	26.66	0	262.69	46.77	0	77.54	
22/12/2024 00:55	10.75	0	106.03	15.29	14.28	0	20.73	16.66	26.65	0	262.89	46.88	0	67.88	
22/12/2024 01:00	10.49	0	103.54	15.36	14.4	0	20.26	16.71	26.53	0	258.73	47.77	0	67.24	
22/12/2024 01:05	11.08	0	105.32	15.3	14.26	0	23.88	16.56	27.48	0	261.21	45.97	0	74.53	
22/12/2024 01:10	11.31	0	104.75	15.29	14.41	0	20	16.73	28.05	0	259.71	48.15	0	66.68	
22/12/2024 01:15	11.04	0	101.56	15.38	14.6	0	20.69	16.77	28	0	253.88	49.13	0	69.61	
22/12/2024 01:20	11.07	0	104.79	15.3	14.52	0	23.79	16.64	27.47	0	259.95	47.59	0	75.53	
22/12/2024 01:25	11.17	0	104.14	15.29	14.4	0	19.62	16.8	27.7	0	258.2	48.92	0	66.48	
22/12/2024 01:30	11.02	0	101.19	15.38	14.4	0	19.19	16.88	27.95	0	252.84	49.76	0	66.33	
22/12/2024 01:35	11.32	0	104.69	15.3	14.28	0	22.87	16.75	28.1	0	259.74	48.14	0	74.13	
22/12/2024 01:40	11.3	0	104.41	15.3	13.83	0	18.15	17.07	28.02	0	259.01	50.4	0	65.93	
22/12/2024 01:45	11.16	0	100.77	15.4	13.5	0	18.34	17.19	28.49	0	252.48	50.6	0	68.75	
22/12/2024 01:50	11.34	0	104.88	15.29	13.67	0	22.8	16.89	28.13	0	260.1	47.9	0	76.09	
22/12/2024 01:55	11.42	0	105.31	15.29	14.07	0	18.78	16.95	28.32	0	261.11	49.7	0	66.17	
22/12/2024 02:00	11.1	0	101.11	15.39	14.05	0	18.36	17.08	28.25	0	253.03	51.15	0	66.85	
22/12/2024 02:05	11.29	0	104.76	15.29	13.91	0	22.43	16.89	27.97	0	259.5	48.77	0	74.72	
22/12/2024 02:10	11.5	0	104.61	15.28	13.43	0	17.52	17.22	28.46	0	258.86	51.11	0	66.31	
22/12/2024 02:15	11.01	0	101.21	15.4	13.8	0	17.77	17.25	28.19	0	253.77	52.61	0	67.72	
22/12/2024 02:20	10.98	0	105.53	15.29	13.76	0	23.06	16.96	27.22	0	261.66	49.35	0	77.37	
22/12/2024 02:25	10.89	0	105.59	15.29	13.77	0	18.77	17.01	26.98	0	261.59	49.28	0	67.05	
22/12/2024 02:30	10.77	0	103.02	15.39	13.41	0	18.92	17.06	27.43	0	258.91	48.54	0	68.46	
22/12/2024 02:35	11.01	0	106.37	15.3	13.43	0	23.05	16.84	27.3	0	263.81	46.48	0	76.21	
22/12/2024 02:40	10.86	0	106.55	15.29	13.54	0	18.39	17.09	26.9	0	263.95	49.68	0	67.17	
22/12/2024 02:45	10.78	0	102.75	15.38	13.55	0	18.91	17.08	27.39	0	257	49.35	0	68.86	
22/12/2024 02:50	11.04	0	106.08	15.3	13.37	0	23.57	16.91	27.39	0	263.19	47.04	0	78.42	
22/12/2024 02:55	10.84	0	106.52	15.29	13.3	0	17.77	17.21	26.86	0	263.87	50.38	0	67.04	
22/12/2024 03:00	10.8	0	101.89	15.41	12.89	0	17.32	17.29	27.65	0	255.61	49.65	0	66.74	
22/12/2024 03:05	11.16	0	105.44	15.3	13.07	0	21.97	17.04	27.69	0	261.69	47.66	0	75.56	
22/12/2024 03:10	11.28	0	104.91	15.3	13.02	0	16.95	17.36	27.99	0	260.32	51.42	0	66.68	
22/12/2024 03:15	10.9	0	101.61	15.42	12.99	0	17.03	17.42	28.01	0	255.41	51.89	0	68.02	
22/12/2024 03:20	11.11	0	104.89	15.3	13.04	0	21.16	17.18	27.56	0	260.23	49.38	0	75.4	
22/12/2024 03:25	11.16	0	104.22	15.3	13.17	0	16.6	17.37	27.67	0	258.47	52.27	0	65.52	
22/12/2024 03:30	11.04	0	99.96	15.47	13.32	0	16.45	17.49	28.92	0	253.15	54.34	0	67.1	
22/12/2024 03:35	11.38	0	104.92	15.29	13.62	0	20.91	17.15	28.21	0	260.03	51.28	0	74.01	
22/12/2024 03:40	11.33	0	104.72	15.28	13.99	0	18.67	16.98	28.04	0	259.2	49.78	0	66.28	
22/12/2024 03:45	11.01	0	101.76	15.39	14.02	0	18.32	17.07	28.02	0	254.67	50.83	0	66.42	
22/12/2024 03:50	11.22	0	104.64	15.29	13.93	0	22.03	16.91	27.83	0	259.42	48.89	0	73.85	
22/12/2024 03:55	11.19	0	103.7	15.29	13.04	0	17.11	17.36	27.71	0	256.9	51.46	0	67.29	
22/12/2024 04:00	10.83	0	100.63	15.42	12.96	0	17	17.42	27.86	0	252.82	51.72	0	67.87	
22/12/2024 04:05	11.56	0	105.07	15.3	13.26	0	21.61	17.07	28.68	0	260.66	48.82	0	75.17	
22/12/2024 04:10	11.64	0	104.95	15.29	13.85	0	18.73	17.04	28.86	0	260.22	50.08	0	67.5	
22/12/2024 04:15	11.12	0	100.38	15.37	13.56	0	18.33	17.14	28.17	0	252.23	50.17	0	67.78	
22/12/2024 04:20	11.46	0	105.6	15.29	13.61	0	21.14	16.94	28.43	0	261.84	48.17	0	72.39	
22/12/2024 04:25	11.61	0	105.78	15.29	13.64	0	17.8	17.18	28.75	0	261.98	51.29	0	66.66	
22/12/2024 04:30	11.16	0	101.53	15.41	13.5	0	17.81	17.27	28.61	0	254.75	51.62	0	68.13	
22/12/2024 04:35	11.37	0	106.01	15.29	13.7	0	22.2	16.97	28.17	0	262.73	48.99	0	75.43	
22/12/2024 04:40	11.38	0	106.56	15.29	13.98	0	19.01	16.96	28.17	0	263.91	49.54	0	67.2	
22/12/2024 04:45	11.09	0	102.13	15.39	13.95	0	18.54	17.09	28.21	0	255.46	50.93	0	67.69	
22/12/2024 04:50	11.31	0	106.12	15.3	14.04	0	23.12	16.81	28.07	0	263.29	48.27	0	75.73	
22/12/2024 04:55	11.39	0	105.98	15.3	14.31	0	19.61	16.86	28.25	0	262.85	49.34	0	67.47	
22/12/2024 05:00	11.12	0	102.21	1											



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
22/12/2024 06:00	13.14	0	91.75	15.38	14.79	0	13.83	17.28	33.37	0	230.89	56.74	0	53.04	
22/12/2024 06:05	13.29	0	93.28	15.3	14.88	0	17.6	16.99	32.95	0	231.34	53.43	0	59.61	
22/12/2024 06:10	13.39	0	93.17	15.29	14.82	0	13.93	17.05	33.2	0	231.01	53.8	0	50.4	
22/12/2024 06:15	12.7	0	89.73	15.43	14.66	0	13.53	17.17	32.61	0	226.06	54.58	0	50.37	
22/12/2024 06:20	13.25	0	93.92	15.3	14.76	0	17.35	16.95	32.88	0	233.13	52.36	0	58.13	
22/12/2024 06:25	13.34	0	93.84	15.3	14.7	0	13.69	17.14	33.1	0	232.8	54.71	0	50.77	
22/12/2024 06:30	12.87	0	90.58	15.4	14.76	0	14.31	17.22	32.82	0	226.84	55.76	0	54.04	
22/12/2024 06:35	13.01	0	94.32	15.29	14.87	0	16.03	17	32.24	0	233.73	53.46	0	56.23	
22/12/2024 06:40	12.84	0	94.16	15.29	14.37	0	13.59	17.2	31.81	0	233.19	54.36	0	51.2	
22/12/2024 06:45	12.68	0	90.73	15.42	13.85	0	13.61	17.31	32.48	0	227.99	53.71	0	52.77	
22/12/2024 06:50	13.53	0	95.18	15.3	14.19	0	18.65	17.03	33.59	0	236.34	51.55	0	62.98	
22/12/2024 06:55	13.91	0	95.47	15.3	14.39	0	14.16	17.2	34.5	0	236.83	54.42	0	53.28	
22/12/2024 07:00	12.74	0	91.26	15.43	14.65	0	13.91	17.28	32.73	0	229.8	56.33	0	53.48	
22/12/2024 07:05	12.97	0	94.51	15.3	14.72	0	18.22	17.02	32.18	0	234.41	53.36	0	61.67	
22/12/2024 07:10	13.28	0	94.25	15.29	14.54	0	13.91	17.19	32.93	0	233.68	54.92	0	52.3	
22/12/2024 07:15	12.89	0	90.72	15.4	14.47	0	14.19	17.3	32.89	0	227.5	55.84	0	54.72	
22/12/2024 07:20	13.14	0	94.05	15.3	14.6	0	17.56	17.08	32.6	0	233.28	53.53	0	60.81	
22/12/2024 07:25	13.17	0	94.36	15.29	14.22	0	13.79	17.26	32.65	0	233.89	54.63	0	52.75	
22/12/2024 07:30	12.8	0	90.49	15.47	14.17	0	14	17.37	33.3	0	229.88	55.86	0	55.21	
22/12/2024 07:35	13.04	0	94.54	15.3	14.33	0	17.59	17.13	32.34	0	234.53	53.45	0	61.65	
22/12/2024 07:40	13.2	0	95.34	15.3	14.35	0	13.67	17.26	32.75	0	236.52	55.12	0	52.24	
22/12/2024 07:45	12.92	0	90.99	15.4	13.88	0	13.7	17.4	32.97	0	227.92	55.08	0	54.37	
22/12/2024 07:50	13.17	0	95.33	15.29	14.12	0	16.09	17.18	32.63	0	236.31	53.11	0	58.44	
22/12/2024 07:55	12.91	0	95.38	15.29	13.73	0	12.9	17.48	31.97	0	236.27	56.32	0	52.54	
22/12/2024 08:00	12.56	0	91.37	15.41	13.87	0	12.81	17.5	32.1	0	229	56.8	0	52.44	
22/12/2024 08:05	13.08	0	94.31	15.29	14.06	0	16.53	17.27	32.43	0	233.84	54.47	0	59.54	
22/12/2024 08:10	13.25	0	94.56	15.29	13.96	0	13	17.39	32.82	0	234.26	55.75	0	51.61	
22/12/2024 08:15	12.63	0	88.29	15.4	13.85	0	13.11	17.51	32.25	0	221.41	56.83	0	53.79	
22/12/2024 08:20	13.04	0	94.32	15.3	14.15	0	15.09	17.23	32.37	0	234.05	54.29	0	56.05	
22/12/2024 08:25	13.16	0	94.41	15.3	13.99	0	13.06	17.35	32.63	0	234.13	55.13	0	51.2	
22/12/2024 08:30	12.95	0	89.22	15.38	14.09	0	13.2	17.38	32.87	0	224.98	55.64	0	52.14	
22/12/2024 08:35	12.98	0	94.38	15.29	14.15	0	16.87	17.19	32.17	0	233.87	53.54	0	59.64	
22/12/2024 08:40	13.03	0	94.72	15.29	13.62	0	12.68	17.51	32.27	0	234.58	56.36	0	52.16	
22/12/2024 08:45	12.53	0	90.1	15.4	13.5	0	12.44	17.67	31.95	0	226.77	58.18	0	53.6	
22/12/2024 08:50	13.06	0	95.45	15.29	13.9	0	15.31	17.34	32.38	0	236.64	55.14	0	57.79	
22/12/2024 08:55	13.2	0	95.81	15.29	13.59	0	13.23	17.48	32.71	0	237.36	55.61	0	53.83	
22/12/2024 09:00	12.61	0	94.33	15.4	13.64	0	13.02	17.54	32.2	0	238.27	56.4	0	53.84	
22/12/2024 09:05	12.9	0	95.28	15.29	13.93	0	15.48	17.3	32	0	236.28	54.3	0	57.7	
22/12/2024 09:10	12.78	0	94.94	15.29	13.52	0	13.08	17.51	31.67	0	235.25	55.9	0	53.77	
22/12/2024 09:15	12.65	0	91.78	15.44	13.26	0	12.51	17.72	32.66	0	230.93	58.05	0	54.75	
22/12/2024 09:20	12.89	0	95.59	15.3	13.64	0	15.94	17.43	31.96	0	237.06	55.53	0	60.39	
22/12/2024 09:25	12.72	0	95.66	15.29	13.17	0	12.42	17.7	31.5	0	236.9	57.92	0	54.21	
22/12/2024 09:30	12.46	0	91.91	15.44	13.05	0	12	17.9	32.22	0	230.83	60.48	0	55.61	
22/12/2024 09:35	12.95	0	95.34	15.3	13.42	0	14.16	17.59	32.12	0	236.56	57.39	0	57.99	
22/12/2024 09:40	12.98	0	95.25	15.29	13.08	0	12.19	17.77	32.18	0	236.09	58.62	0	54.26	
22/12/2024 09:45	12.54	0	91.9	15.43	13.15	0	11.84	17.97	32.43	0	230.74	62.4	0	56.2	
22/12/2024 09:50	12.9	0	95.55	15.3	13.64	0	16.32	17.54	32.01	0	237.03	58.07	0	63.01	
22/12/2024 09:55	12.94	0	95.69	15.29	13.64	0	12.86	17.57	32.06	0	237.11	57.52	0	53.92	
22/12/2024 10:00	12.41	0	91.16	15.46	13.44	0	12.38	17.67	32.19	0	230.24	57.82	0	53.25	
22/12/2024 10:05	13.12	0	95.33	15.3	13.76	0	15.02	17.39	32.55	0	236.56	55.15	0	57.36	
22/12/2024 10:10	13.13	0	95.72	15.29	13.71	0	12.88	17.53	32.52	0	237.19	57.05	0	53.24	
22/12/2024 10:15	12.52	0	91.14	15.47	13.86	0	12.69	17.63	32.68	0	231.26	58.94	0	53.97	
22/12/2024 10:20	13.13	0	95.2	15.3	14.27	0	14.52	17.32	32.59	0	236.31	56.08	0	55.56	
22/12/2024 10:25	13.2	0	95.44	15.29	14.57	0	14.03	17.23	32.74	0	236.63	55.61	0	53.32	
22/12/2024 10:30	12.65	0	91.45	15.42	14.82	0	13.98	17.23	32.38	0	229.65	56.12	0	52.94	
22/12/2024 10:35	12.95	0	94.81	15.3	14.94	0	18.03	16.95	32.17	0	235.51	53.28	0	60.45	
22/12/2024 10:40	13.23	0	95.08	15.3	14.57	0	13.89	17.17	32.86	0	236.06	54.68	0	51.85	
22/12/2024 10:45	12.64	0	91.14	15.39	14.61	0	14.03	17.28	32.11	0	230	56.13	0	53.88	
22/12/2024 10:50	12.75	0	95.27	15.3	14.69	0	15.6	17.09	31.66	0	236.47	54.01	0	56.11	
22/12/2024 10:55	12.75	0	94.69	15.3	14.19	0	13.59	17.31	31.63	0	234.9	55.39	0	52.81	
22/12/2024 11:00	12.08	0	90.12	15.39	14.13	0	14	17.34	30.78	0	227.41	55.26	0	54.73	
22/12/2024 11:05	12.99	0	94.73	15.3	14.4	0	16.39	17.1	32.26	0	235.27	53.06	0	58.27	
22/12/2024 11:10	13.64	0	94.75	15.3	14.63	0	14.31	17.15	33.89	0	235.38	54.58	0	53.17	
22/12/2024 11:15	12.5	0	92.03	15.44	14.48	0	14.69	17.18	32.2	0	232.17	54.03	0	54.83	
22/12/2024 11:20	12.65	0	96.74	15.3	14.51	0	18.14	17.03	31.42	0	240.26	52.49	0	62.12	
22/12/2024 11:25	12.31	0	97.11	15.3	14.04	0	13.88	17.39	30.55	0	240.97	56.04	0	55.03	
22/12/2024 11:30	12.23	0	91.66	15.4	13.82	0	13.93	17.5	31.26	0	231.98	56.55	0	57.01	
22/12/2024 11:35	12.69	0	95.98	15.3	13.91	0	17.67	17.27	31.53	0	238.44	53.98	0	64	
22/12/2024 11:40	12.8	0	95.73	15.3	13.33	0	12.91	17.69	31.75	0	237.56	58.36	0	56.01	
22/12/2024 11:45	12.22	0	93.13	15.44	13.78	0	12.96	17.75	31.66	0	234.38	60.92	0	57.29	
22/12/2024 11:50	12.41	0	96.99	15.31	13.94	0	16.38	17.51	30.86	0	241.16	58.14	0	63.35	
22/12/2024 11:55	12.3	0	97.38	15.3	13.4	0	13.08	17.73	30.55	0	241.9	59.46	0	57.59	
22/12/2024 12:00	11.97	0	94.38	15.43	12.94	0	12.72	17.88	30.9	0	237.02	59.66	0	58.64	
22/12/2024 12:05	12.13	0	99.08	15.3	13.21	0	15.36	17.61	30.14	0	246.09	56.8	0	62.42	
22/12/2024 12:10	11.88	0	99.14	15.3	12.7	0	12.9	17.88	29.48	0	246.15	59.33	0	59.6	
22/12/2024 12:15	11.62	0	95.54	15.43	13.19	0	13.88	17.72	29.97	0	239.9	57.67	0	60.64	
22/12/2024 12:20	12.27	0	98.72	15.3	13.55	0	19.13	17.3	30.46	0	245.01	53.49	0	69.28	
22/12/2024 12:25	12.41	0	98.14	15.3	14.6	0	15.52	17.09	30.78	0	243.46	53.5	0	56.68	
22/12/2024 12:30	12.11	0	94.17	15.38	15.17	0	16.29	16.94	30.67	0	236.73	53.27	0	57.2	



Date & Time	Stack1_NO <sub>2</sub>	Stack1_SO <sub>2</sub>	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO <sub>2</sub>	Stack2_SO <sub>2</sub>	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO <sub>x</sub>	ck1_SO <sub>2</sub>	ck1_CO	ck2_NO <sub>x</sub>	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
22/12/2024 13:30	11.21	0	97.77	15.43	12.08	0	12.72	18.02	29.04	0	245.47	58.37	0	61.49	
22/12/2024 13:35	12.12	0	101.89	15.3	12.26	0	15.93	17.83	30.07	0	252.69	56.4	0	67.62	
22/12/2024 13:40	12.09	0	102.59	15.29	10.84	0	9.64	18.77	29.96	0	254.16	77.16	0	64.45	
22/12/2024 13:45	10.84	0	96.53	15.58	10.19	0	8.63	19.07	30.12	0	250.12	77.31	0	65.46	
22/12/2024 13:50	11.45	0	101.18	15.3	10.99	0	13.82	18.49	28.41	0	251.04	68.51	0	71.48	
22/12/2024 13:55	11.14	0	100.94	15.29	11.35	0	10.77	18.52	27.6	0	250.05	69.56	0	63.67	
22/12/2024 14:00	11.2	0	99.6	15.44	10.86	0	10.58	18.67	29.29	0	255.45	67.73	0	65.94	
22/12/2024 14:05	11.45	0	101.91	15.3	11.34	0	15.78	18.21	28.41	0	252.91	61.54	0	73.4	
22/12/2024 14:10	11.48	0	102.05	15.3	10.69	0	9.31	18.9	28.5	0	253.22	82.55	0	66.23	
22/12/2024 14:15	11.11	0	98.06	15.56	10	0	7.8	19.34	30.69	0	253	89.31	0	69.61	
22/12/2024 14:20	11.57	0	102.7	15.3	10.7	0	12.83	18.81	28.7	0	254.91	78.09	0	74.87	
22/12/2024 14:25	12.25	0	102.5	15.29	9.79	0	7.34	19.38	30.37	0	254.14	123.29	0	73.07	
22/12/2024 14:30	11.07	0	96.56	15.66	9.09	0	5.56	19.97	35.57	0	256.99	136.34	0	83.34	
22/12/2024 14:35	11.69	0	102.48	15.3	10	0	11.26	19.29	29.04	0	254.53	111.24	0	85.58	
22/12/2024 14:40	12.09	0	102.72	15.3	9.53	0	5.71	19.8	30.03	0	255.03	179	0	74.15	
22/12/2024 14:45	10.75	0	98.97	15.55	8.57	0	2.55	20.68	41.77	0	278.31	547.65	0	162.33	
22/12/2024 14:50	11.21	0	102.83	15.3	9.39	0	7.23	19.94	27.84	0	255.37	407.58	0	139.95	
22/12/2024 14:55	11.61	0	102.58	15.3	9.2	0	4.26	20.18	28.81	0	254.54	171.99	0	51.1	
22/12/2024 15:00	10.91	0	96.91	15.57	8.94	0	0.75	21.17	26.65	0	239.93	0	0	0	
22/12/2024 15:05	11.63	0	102.44	15.31	9.59	0	7.54	20.22	28.93	0	254.77	18.36	0	28.3	
22/12/2024 15:10	12.28	0	102.13	15.31	9.43	0	4.66	20.09	30.53	0	253.91	77.75	0	39.32	
22/12/2024 15:15	10.92	0	100.69	15.56	9.02	0	0.67	21.15	52.43	0	404.6	0	0	0	
22/12/2024 15:20	11.98	0	103.42	15.32	10.01	0	9.09	19.99	29.84	0	257.51	17.31	0	30.1	
22/12/2024 15:25	12.33	0	103.55	15.31	9.47	0	6.69	19.58	30.65	0	257.45	227.97	0	94.18	
22/12/2024 15:30	10.78	0	99.13	15.6	8.23	0	3.53	20.38	34.44	0	255.82	219.48	0	94.06	
22/12/2024 15:35	11.44	0	104.9	15.31	9.01	0	9.79	19.64	28.46	0	260.96	168.36	0	92.99	
22/12/2024 15:40	11.41	0	105.48	15.31	8.99	0	4.19	20.27	28.36	0	262.27	127.58	0	49.24	
22/12/2024 15:45	10.43	0	101.5	15.63	8.13	0	0.57	21.18	25.88	0	259.18	0	0	0	
22/12/2024 15:50	11.23	0	107.04	15.31	8.99	0	8.36	20.16	27.92	0	266.05	18.19	0	31.51	
22/12/2024 15:55	11.48	0	107.22	15.3	9.38	0	5.83	19.94	28.52	0	266.28	354.86	0	128.08	
22/12/2024 16:00	10.15	0	103.04	15.63	8.74	0	2.67	20.77	76.64	0	274.6	1047.57	0	316.24	
22/12/2024 16:05	10.83	0	107.87	15.31	9.46	0	9.63	19.91	26.92	0	268.15	824.11	0	272.04	
22/12/2024 16:10	10.94	0	107.55	15.3	9.32	0	5.57	19.99	27.16	0	267.02	84.25	0	47.88	
22/12/2024 16:15	10.26	0	102.24	15.56	8.54	0	0.56	21.18	39.8	0	360.17	0	0	0	
22/12/2024 16:20	10.71	0	108.2	15.31	9.76	0	9.81	19.88	26.66	0	269.26	14.93	0	31.25	
22/12/2024 16:25	10.44	0	108.17	15.31	10.81	0	12.23	18.62	25.96	0	269.02	70.31	0	75.52	
22/12/2024 16:30	10	0	103.65	15.52	10.08	0	10.3	19.09	27.12	0	263.38	77.23	0	78.88	
22/12/2024 16:35	10.88	0	107.48	15.31	10.37	0	15.53	18.8	27.06	0	267.2	71.8	0	105.89	
22/12/2024 16:40	11.17	0	106.7	15.3	9.43	0	7.08	19.68	27.74	0	264.93	322.73	0	122.82	
22/12/2024 16:45	10.33	0	101.21	15.54	8.76	0	3.95	20.46	34.51	0	287.91	275.03	0	123.76	
22/12/2024 16:50	11.14	0	108.28	15.31	9.6	0	11.19	19.62	27.71	0	269.33	209.33	0	117.4	
22/12/2024 16:55	11.52	0	108.08	15.31	9.26	0	5.4	20.04	28.62	0	268.64	1190.32	0	259.34	
22/12/2024 17:00	10.42	0	102.37	15.51	8.36	0	2.61	20.74	28.7	0	281.45	840.76	0	247.23	
22/12/2024 17:05	11.33	0	106.62	15.3	9.2	0	11.13	19.93	28.14	0	264.7	469.79	0	455.08	
22/12/2024 17:10	11.31	0	105.7	15.27	9.53	0	6.26	19.84	27.94	0	261.06	1273.44	0	358.74	
22/12/2024 17:15	11.56	0	95.79	15.68	8.42	0	1.54	20.95	31.34	0	263.13	292.35	0	58.85	
22/12/2024 17:20	12.83	0	100.23	15.26	9.77	0	8.96	19.91	31.6	0	246.9	15.66	0	27.38	
22/12/2024 17:25	13.17	0	100.53	15.26	10.04	0	9.19	19.16	32.44	0	247.6	98.54	0	77.68	
22/12/2024 17:30	11.63	0	96.08	15.57	8.89	0	6.33	19.9	33.43	0	249.43	123.89	0	87.88	
22/12/2024 17:35	12.77	0	101.34	15.27	9.82	0	12.4	19.2	31.54	0	250.35	100.21	0	90.04	
22/12/2024 17:40	12.86	0	102.39	15.29	9.69	0	8.04	19.4	31.87	0	253.79	124.99	0	81.44	
22/12/2024 17:45	10.45	0	101.13	15.57	8.51	0	3.93	20.36	33.88	0	259.21	218.53	0	100.39	
22/12/2024 17:50	11.52	0	106.23	15.31	9.7	0	11.4	19.39	28.63	0	264.07	171.98	0	98.79	
22/12/2024 17:55	11.59	0	106.28	15.3	11.37	0	12.88	18.33	28.78	0	263.81	64.41	0	70.5	
22/12/2024 18:00	10.9	0	102.69	15.51	10.4	0	10.68	18.9	29.21	0	260.94	72.38	0	74.29	
22/12/2024 18:05	11.33	0	107.37	15.31	11.38	0	16.8	18.21	28.15	0	266.79	63.59	0	79.98	
22/12/2024 18:10	11.75	0	106.94	15.3	12.24	0	16.07	17.84	29.19	0	265.66	56.76	0	73.35	
22/12/2024 18:15	11.36	0	100.32	15.44	11.78	0	14.57	18.21	29.49	0	252.9	60.77	0	75.17	
22/12/2024 18:20	11.12	0	107.03	15.3	12.38	0	19.94	17.67	27.62	0	265.72	55.54	0	81.11	
22/12/2024 18:25	10.94	0	107.52	15.29	14.26	0	19.12	16.99	27.1	0	266.42	51.01	0	68.11	
22/12/2024 18:30	11.27	0	102.97	15.4	13.91	0	18.17	17.26	28.78	0	257.82	53.13	0	69.4	
22/12/2024 18:35	11.1	0	106.52	15.3	14.09	0	22.98	16.89	27.56	0	264.35	49.72	0	76.79	
22/12/2024 18:40	11.28	0	107.11	15.29	15.12	0	20.89	16.54	27.97	0	265.56	48.29	0	66.6	
22/12/2024 18:45	11.23	0	102.93	15.37	15.32	0	20.86	16.64	28.46	0	257.37	50.01	0	68.08	
22/12/2024 18:50	11.2	0	106.3	15.3	15.07	0	25.09	16.44	27.77	0	263.66	47.33	0	76.26	
22/12/2024 18:55	11.13	0	106.23	15.29	15.12	0	21.16	16.5	27.58	0	263.32	47.84	0	66.83	
22/12/2024 19:00	10.73	0	101.08	15.36	15.06	0	20.94	16.62	27.14	0	253.14	48.97	0	68.07	
22/12/2024 19:05	11.34	0	106.27	15.3	14.95	0	23.43	16.48	28.13	0	263.72	47.21	0	72.52	
22/12/2024 19:10	11.33	0	106.19	15.3	15.12	0	20.79	16.59	28.11	0	263.5	48.85	0	67.05	
22/12/2024 19:15	10.94	0	101.97	15.39	15.04	0	21.01	16.66	27.9	0	255.89	49.28	0	68.84	
22/12/2024 19:20	11.2	0	105.85	15.3	14.93	0	22.99	16.54	27.77	0	262.53	47.84	0	72.32	
22/12/2024 19:25	11.17	0	105.52	15.29	15.04	0	19.98	16.7	27.68	0	261.47	49.94	0	66.18	
22/12/2024 19:30	11.19	0	102.35	15.37	15.09	0	19.83	16.75	28.34	0	255.65	50.5	0	66.39	
22/12/2024 19:35	11.55	0	105.39	15.3	15.04	0	23.7	16.57	28.66	0	261.53	48.55	0	73.89	
22/12/2024 19:40	11.72	0	105.11	15.29	17.36	0	24.72	15.61	29.05	0	260.53	45.67	0	65	
22/12/2024 19:45	11.77	0	102.16	15.32	18.43	0	25.52	15.45	29.33	0	254.08	47.01	0	65.12	
22/12/2024 19:50	11.64	0	106.06	15.3	17.56	0	28.45	15.54	28.88	0	263.13	45.55	0	73.52	
22/12/2024 19:55	11.95	0	106.61	15.3	16.54	0	22.99	15.97	29.64	0	264.4	46.68	0	64.87	



Date & Time	Stack1_NO <sub>2</sub>	Stack1_SO <sub>2</sub>	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO <sub>2</sub>	Stack2_SO <sub>2</sub>	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO <sub>x</sub>	ck1_SO <sub>2</sub>	ck1_CO	ck2_NO <sub>x</sub>	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
22/12/2024 21:00	11.76	0	100.3	15.39	16.04	0	20.53	16.4	29.96	0	251.58	49.56	0	63.41	
22/12/2024 21:05	11.65	0	104.84	15.3	15.92	0	22.8	16.24	28.92	0	260.25	47.69	0	67.37	
22/12/2024 21:10	11.78	0	104.47	15.3	16.2	0	21.86	16.2	29.23	0	259.23	47.96	0	64.68	
22/12/2024 21:15	11.53	0	102.53	15.35	16.35	0	22.17	16.19	29.02	0	255.89	48.25	0	65.44	
22/12/2024 21:20	11.61	0	106.54	15.3	15.98	0	26.89	16.07	28.8	0	264.33	46.2	0	75.88	
22/12/2024 21:25	11.64	0	106.08	15.3	16.09	0	22.55	16.22	28.87	0	263.08	47.8	0	66.93	
22/12/2024 21:30	11.37	0	103.08	15.36	16.04	0	21.96	16.32	28.72	0	257.52	48.63	0	66.61	
22/12/2024 21:35	11.4	0	107.52	15.3	15.78	0	25.98	16.16	28.28	0	266.67	46.53	0	74.77	
22/12/2024 21:40	11.5	0	108.2	15.29	16.1	0	22.58	16.2	28.5	0	268.2	47.67	0	66.77	
22/12/2024 21:45	11.22	0	102.72	15.34	15.69	0	22.29	16.28	28.18	0	256.62	47.17	0	67.01	
22/12/2024 21:50	11.53	0	106.41	15.29	15.6	0	24.27	16.19	28.6	0	263.87	46.18	0	71.04	
22/12/2024 21:55	11.58	0	105.92	15.29	15.71	0	20.9	16.41	28.69	0	262.47	48.72	0	64.7	
22/12/2024 22:00	11.52	0	101.53	15.36	15.68	0	19.42	16.5	29.07	0	253.7	49.58	0	61.4	
22/12/2024 22:05	11.7	0	103.44	15.29	15.73	0	24.03	16.34	29	0	256.41	48.16	0	73.25	
22/12/2024 22:10	11.64	0	103.03	15.29	16.25	0	19.86	16.31	28.84	0	255.24	49.27	0	60.2	
22/12/2024 22:15	11.62	0	99.29	15.35	16.16	0	19.53	16.39	29.27	0	247.49	49.85	0	60.24	
22/12/2024 22:20	11.83	0	102.9	15.3	16.09	0	22.48	16.26	29.36	0	255.26	48.36	0	66.1	
22/12/2024 22:25	11.64	0	102.91	15.29	16.15	0	19.64	16.3	28.86	0	255.14	48.9	0	59.42	
22/12/2024 22:30	11.84	0	100.04	15.35	16.06	0	20.21	16.3	29.77	0	249.58	48.56	0	61.1	
22/12/2024 22:35	11.98	0	102.63	15.3	15.95	0	23.79	16.17	29.7	0	254.56	46.99	0	68.5	
22/12/2024 22:40	11.92	0	102.45	15.29	16.61	0	19.87	16.18	29.55	0	253.95	48.99	0	58.58	
22/12/2024 22:45	12.06	0	98.18	15.35	16.66	0	19.95	16.2	30.35	0	244.93	49.22	0	58.96	
22/12/2024 22:50	12.23	0	101.45	15.3	16.36	0	23.54	16.1	30.34	0	251.61	47.54	0	66.94	
22/12/2024 22:55	12.22	0	101.19	15.29	16.52	0	19.83	16.18	30.29	0	250.88	48.73	0	58.44	
22/12/2024 23:00	11.87	0	100.33	15.34	16.98	0	19.78	16.17	29.75	0	250.42	49.87	0	58.07	
22/12/2024 23:05	12.14	0	101.79	15.29	16.63	0	24.21	16.11	30.08	0	252.26	48.32	0	69.96	
22/12/2024 23:10	12.23	0	100.91	15.29	16.5	0	19.71	16.24	30.3	0	249.91	49.25	0	58.78	
22/12/2024 23:15	12.17	0	97.94	15.34	16.62	0	19.02	16.28	30.58	0	244.16	50.03	0	57.25	
22/12/2024 23:20	12.06	0	101.72	15.29	16.22	0	23.07	16.17	29.89	0	251.99	47.96	0	66.29	
22/12/2024 23:25	12.06	0	101.38	15.28	16.07	0	19	16.38	29.86	0	250.93	49.55	0	58.48	
22/12/2024 23:30	11.89	0	98.59	15.36	16.23	0	19.1	16.46	29.98	0	245.84	50.76	0	59.74	
22/12/2024 23:35	12.13	0	102.33	15.29	15.94	0	22.63	16.36	30.03	0	253.37	48.99	0	67.5	
22/12/2024 23:40	12.28	0	101.69	15.28	15.54	0	18.49	16.59	30.38	0	251.56	50.21	0	59.64	
22/12/2024 23:45	11.89	0	98.07	15.41	15.26	0	17.88	16.78	30.43	0	246.66	51.44	0	60.28	
22/12/2024 23:50	11.91	0	102.66	15.29	15.06	0	21.66	16.6	29.52	0	254.4	48.99	0	67.82	
22/12/2024 23:55	11.67	0	102.36	15.29	15.21	0	18.38	16.68	28.9	0	253.43	50.25	0	60.6	
23/12/2024 00:00	11.64	0	98.61	15.39	15.48	0	18.05	16.81	29.66	0	247.04	52.61	0	61.32	
23/12/2024 00:05	11.74	0	103.26	15.29	15.49	0	22.43	16.53	29.08	0	255.81	49.84	0	69.25	
23/12/2024 00:10	11.72	0	103.83	15.28	15.97	0	20.38	16.19	29.01	0	257	47.21	0	60.22	
23/12/2024 00:15	11.36	0	100.86	15.35	15.86	0	20.32	16.28	28.58	0	251.68	47.72	0	61.16	
23/12/2024 00:20	11.69	0	102.94	15.29	15.72	0	25.69	16.17	28.99	0	255.21	46.34	0	74.85	
23/12/2024 00:25	11.75	0	102.59	15.29	16.18	0	20.42	16.2	29.1	0	254.09	47.88	0	60.33	
23/12/2024 00:30	11.65	0	98.58	15.35	16.1	0	20.02	16.23	29.29	0	245.67	47.88	0	59.52	
23/12/2024 00:35	11.8	0	101.67	15.3	15.79	0	23.88	16.12	29.26	0	252.15	46.06	0	68.09	
23/12/2024 00:40	11.83	0	101.63	15.29	16.39	0	19.9	16.19	29.31	0	251.83	48.37	0	58.69	
23/12/2024 00:45	11.77	0	98.26	15.34	16.32	0	20.25	16.27	29.57	0	244.62	48.95	0	60.74	
23/12/2024 00:50	11.7	0	102.26	15.29	15.98	0	23.84	16.15	28.99	0	253.28	46.92	0	68.36	
23/12/2024 00:55	11.47	0	102.94	15.28	16.26	0	19.91	16.2	28.37	0	254.65	48.17	0	58.93	
23/12/2024 01:00	11.52	0	98.77	15.35	16.37	0	19.71	16.23	28.99	0	246.21	48.68	0	58.61	
23/12/2024 01:05	11.8	0	102.99	15.29	16	0	24.17	16.11	29.25	0	255.29	46.65	0	68.61	
23/12/2024 01:10	11.84	0	103.8	15.29	16.26	0	20.45	16.2	29.35	0	257.21	48.14	0	60.52	
23/12/2024 01:15	11.82	0	100.01	15.36	16.37	0	20.12	16.25	29.87	0	250	48.99	0	60.19	
23/12/2024 01:20	11.84	0	103.44	15.29	16.1	0	23.84	16.13	29.3	0	256.1	47.1	0	68.13	
23/12/2024 01:25	11.75	0	103.27	15.28	16.37	0	20.26	16.18	29.06	0	255.39	48.26	0	59.65	
23/12/2024 01:30	11.73	0	100.1	15.34	16.2	0	19.91	16.2	29.43	0	249.12	47.88	0	58.86	
23/12/2024 01:35	11.73	0	103.91	15.29	16	0	22.14	16.1	29.08	0	257.61	46.49	0	63.45	
23/12/2024 01:40	11.52	0	104.58	15.29	16.38	0	20.36	16.13	28.52	0	259	47.81	0	59.42	
23/12/2024 01:45	11.71	0	99.98	15.34	16.55	0	20.29	16.17	29.4	0	249.05	48.61	0	59.61	
23/12/2024 01:50	11.8	0	103.95	15.3	16.33	0	22.14	16.06	29.26	0	257.79	47.03	0	63.19	
23/12/2024 01:55	12.22	0	104.25	15.29	16.54	0	20.8	16.04	30.29	0	258.4	47.35	0	59.53	
23/12/2024 02:00	11.89	0	101.01	15.33	16.73	0	21.67	15.99	29.74	0	251.25	47.37	0	61.34	
23/12/2024 02:05	11.67	0	103.99	15.29	16.36	0	25.3	15.91	28.88	0	257.47	45.7	0	69.52	
23/12/2024 02:10	11.55	0	103.11	15.28	16.71	0	21.69	15.96	28.58	0	255.22	47.03	0	61.02	
23/12/2024 02:15	11.78	0	100.29	15.34	16.75	0	21.6	15.97	29.59	0	250.05	47.19	0	60.84	
23/12/2024 02:20	11.75	0	104.92	15.29	16.42	0	23.13	15.9	29.11	0	259.87	45.7	0	64.04	
23/12/2024 02:25	11.84	0	104.86	15.28	16.41	0	21.88	16	29.31	0	259.48	46.57	0	62.06	
23/12/2024 02:30	11.69	0	100.83	15.34	16.38	0	21.76	16.03	29.3	0	251.17	46.74	0	62.09	
23/12/2024 02:35	11.86	0	103.91	15.29	16.13	0	25.05	15.96	29.39	0	257.54	45.51	0	69.55	
23/12/2024 02:40	11.92	0	103.42	15.29	16.55	0	21.5	16.03	29.52	0	256.06	47.29	0	61.39	
23/12/2024 02:45	11.6	0	98.84	15.33	16.67	0	21.47	16.07	29.05	0	246.21	47.97	0	61.79	
23/12/2024 02:50	11.52	0	104.69	15.29	16.41	0	24.16	15.98	28.53	0	259.33	46.48	0	67.5	
23/12/2024 02:55	11.61	0	104.16	15.29	16.53	0	21.38	16.04	28.75	0	257.95	47.3	0	61.15	
23/12/2024 03:00	11.45	0	100.5	15.33	16.58	0	21.38	16.06	28.64	0	250.52	47.66	0	61.45	
23/12/2024 03:05	11.63	0	104.97	15.29	16.23	0	25.16	15.98	28.81	0	259.96	46	0	70.01	
23/12/2024 03:10	11.36	0	105.61	15.28	16.38	0	20.98	16.07	28.12	0	261.41	47.23	0	60.43	
23/12/2024 03:15	11.73	0	101.42	15.34	16.7	0	21.14	16.14	29.45	0	252.68	48.78	0	61.72	
23/12/2024 03:20	11.85	0	105.12	15.29	16.43	0	24.78	16.01	29.35	0	260.34	46.88	0	69.34	
23/12/2024 03:25	11.95	0	105.25	15.28	16.85	0	21.49	15.92	29.56	0	260.3	47.09	0	60.06	
23/12/2024 03:30	1														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
23/12/2024 04:30	11.71	0	101.96	15.32	17.44	0	25.61	15.53	29.21	0	253.6	45.14	0	66.27	
23/12/2024 04:35	11.44	0	106.44	15.3	16.83	0	28.86	15.52	28.36	0	263.98	43.54	0	74.29	
23/12/2024 04:40	11.42	0	105.89	15.29	17.29	0	24.28	15.62	28.3	0	262.4	45.52	0	63.91	
23/12/2024 04:45	11.59	0	102.61	15.32	17.43	0	24.73	15.63	28.9	0	255.01	46.01	0	65.27	
23/12/2024 04:50	11.62	0	106.28	15.29	17.03	0	26.26	15.62	28.78	0	263.29	44.84	0	68.98	
23/12/2024 04:55	11.81	0	106.08	15.29	17.2	0	25.04	15.69	29.25	0	262.64	45.94	0	66.87	
23/12/2024 05:00	11.5	0	103.61	15.33	17.7	0	25.2	15.73	28.76	0	258.03	47.54	0	67.69	
23/12/2024 05:05	11.29	0	107.45	15.29	17.14	0	28.42	15.69	27.97	0	266.26	45.78	0	75.2	
23/12/2024 05:10	11.59	0	107.34	15.29	16.83	0	24.13	15.76	28.71	0	265.78	45.54	0	65.27	
23/12/2024 05:15	11.47	0	103.78	15.32	16.76	0	24.68	15.79	28.63	0	257.78	45.61	0	67.16	
23/12/2024 05:20	11.43	0	107.71	15.29	16.32	0	28.15	15.75	28.31	0	266.8	44.08	0	75.28	
23/12/2024 05:25	11.5	0	107.69	15.29	16.7	0	24.15	15.82	28.48	0	266.7	45.75	0	66.17	
23/12/2024 05:30	11.66	0	103.71	15.34	16.56	0	24.86	15.87	29.26	0	258.78	45.73	0	68.65	
23/12/2024 05:35	11.38	0	107.95	15.29	16.33	0	27.66	15.8	28.19	0	267.42	44.56	0	74.71	
23/12/2024 05:40	11.36	0	107.53	15.28	16.85	0	24.05	15.77	28.1	0	266.02	45.63	0	65.16	
23/12/2024 05:45	11.48	0	103.61	15.32	17.15	0	24.09	15.75	28.66	0	257.47	46.29	0	65.04	
23/12/2024 05:50	11.38	0	107.11	15.29	16.65	0	27.6	15.71	28.2	0	265.43	44.65	0	73.29	
23/12/2024 05:55	11.55	0	106.66	15.29	17.09	0	24.22	15.73	28.6	0	264.15	45.92	0	65.06	
23/12/2024 06:00	11.79	0	102.8	15.32	17.51	0	24.19	15.72	29.43	0	256.08	47	0	64.95	
23/12/2024 06:05	11.59	0	106.94	15.29	17.01	0	27.52	15.68	28.75	0	265.17	45.4	0	72.79	
23/12/2024 06:10	11.61	0	106.94	15.29	17.07	0	23.94	15.71	28.75	0	264.84	45.7	0	64.08	
23/12/2024 06:15	11.74	0	102.11	15.33	17.43	0	24.75	15.7	29.37	0	253.98	46.56	0	66.1	
23/12/2024 06:20	11.42	0	106.79	15.28	16.88	0	28.05	15.67	28.27	0	264.35	44.9	0	73.96	
23/12/2024 06:25	11.28	0	106.28	15.28	17.18	0	24.75	15.73	27.92	0	263.07	46.2	0	66.55	
23/12/2024 06:30	11.59	0	103.12	15.33	17.17	0	25.16	15.74	28.97	0	256.83	46.27	0	67.79	
23/12/2024 06:35	11.56	0	107.31	15.31	16.77	0	27.73	15.7	28.73	0	266.68	44.9	0	73.68	
23/12/2024 06:40	11.47	0	107.13	15.3	17.04	0	24.56	15.73	28.46	0	265.83	45.8	0	65.97	
23/12/2024 06:45	11.71	0	102.88	15.33	17.66	0	25.06	15.71	29.27	0	255.98	47.25	0	67.07	
23/12/2024 06:50	11.77	0	107.45	15.29	17.14	0	29.04	15.66	29.15	0	266.06	45.56	0	76.47	
23/12/2024 06:55	11.86	0	107.77	15.28	17.13	0	25.53	15.7	29.35	0	266.75	45.75	0	68.18	
23/12/2024 07:00	11.55	0	102.56	15.32	17.14	0	25.57	15.72	28.83	0	255.36	45.98	0	68.58	
23/12/2024 07:05	11.58	0	106.95	15.3	16.57	0	29.12	15.68	28.75	0	265.51	44.22	0	77.02	
23/12/2024 07:10	11.61	0	106.75	15.3	17.01	0	24.53	15.75	28.8	0	264.82	45.9	0	66.16	
23/12/2024 07:15	11.72	0	103.81	15.32	17.39	0	25.05	15.73	29.22	0	258.42	46.75	0	67.35	
23/12/2024 07:20	11.4	0	107.61	15.29	16.99	0	28.03	15.69	28.24	0	266.51	45.43	0	74.35	
23/12/2024 07:25	11.44	0	107.33	15.28	16.91	0	24.96	15.72	28.3	0	265.59	45.41	0	66.98	
23/12/2024 07:30	11.55	0	102.15	15.32	17.23	0	24.84	15.72	28.8	0	254.2	46.25	0	66.7	
23/12/2024 07:35	11.61	0	106.33	15.3	16.81	0	28.33	15.68	28.8	0	263.78	44.82	0	74.89	
23/12/2024 07:40	11.92	0	106.45	15.3	17.2	0	25.3	15.7	29.58	0	264.08	45.97	0	67.62	
23/12/2024 07:45	11.64	0	102.89	15.34	17.5	0	26.58	15.69	29.13	0	256.53	46.71	0	70.93	
23/12/2024 07:50	11.43	0	106.83	15.29	16.98	0	30.91	15.66	28.31	0	264.64	45.12	0	81.86	
23/12/2024 07:55	11.47	0	106.59	15.29	17	0	24.89	15.71	28.4	0	263.92	45.56	0	66.67	
23/12/2024 08:00	11.19	0	101.71	15.31	17.27	0	24.83	15.71	27.87	0	252.7	46.26	0	66.53	
23/12/2024 08:05	11.54	0	106.26	15.29	17.03	0	28.43	15.67	28.58	0	263.18	45.3	0	74.94	
23/12/2024 08:10	11.64	0	105.97	15.28	16.97	0	24.39	15.74	28.81	0	262.3	45.78	0	65.77	
23/12/2024 08:15	11.5	0	102.89	15.32	17.18	0	24.73	15.72	28.7	0	255.86	46.11	0	66.37	
23/12/2024 08:20	11.45	0	105.97	15.29	16.84	0	25.88	15.69	28.36	0	262.49	44.99	0	68.9	
23/12/2024 08:25	11.78	0	105.97	15.28	17.07	0	23.98	15.76	29.15	0	262.15	46.15	0	64.82	
23/12/2024 08:30	11.5	0	101.4	15.32	17.23	0	24.09	15.75	28.7	0	252.35	46.51	0	65	
23/12/2024 08:35	11.77	0	105.67	15.3	16.86	0	27.34	15.7	29.18	0	262.09	45.13	0	72.53	
23/12/2024 08:40	11.8	0	105.73	15.29	17.14	0	23.7	15.73	29.24	0	262.08	46.13	0	63.75	
23/12/2024 08:45	11.57	0	99.7	15.32	17.3	0	24.27	15.73	28.84	0	247.76	46.48	0	65.21	
23/12/2024 08:50	11.56	0	105.62	15.29	16.82	0	27	15.7	28.63	0	261.62	45.05	0	71.74	
23/12/2024 08:55	11.64	0	105.36	15.29	17.11	0	23.41	15.77	28.82	0	260.86	46.35	0	63.42	
23/12/2024 09:00	11.64	0	101.24	15.32	17.59	0	23.88	15.77	29.07	0	251.72	47.66	0	64.7	
23/12/2024 09:05	11.54	0	104.86	15.29	17.06	0	27.24	15.71	28.61	0	259.88	45.73	0	72.29	
23/12/2024 09:10	11.78	0	104.8	15.29	17.39	0	23.5	15.7	29.19	0	259.61	46.48	0	62.78	
23/12/2024 09:15	11.91	0	100.99	15.32	17.57	0	23.5	15.7	29.72	0	251	46.98	0	62.82	
23/12/2024 09:20	11.75	0	104.62	15.29	17.02	0	27.47	15.67	29.1	0	259.02	45.35	0	72.45	
23/12/2024 09:25	11.89	0	104.33	15.28	16.99	0	22.93	15.81	29.43	0	258.24	46.4	0	62.59	
23/12/2024 09:30	11.48	0	101.88	15.32	17.44	0	23.17	15.8	28.67	0	253.32	47.48	0	63.09	
23/12/2024 09:35	11.56	0	105.57	15.29	17.06	0	26.5	15.74	28.64	0	261.58	46	0	70.74	
23/12/2024 09:40	11.64	0	105.52	15.28	17.23	0	23.28	15.75	28.81	0	261.18	46.53	0	62.86	
23/12/2024 09:45	11.61	0	102.29	15.32	17.46	0	23.36	15.77	28.99	0	254.32	47.33	0	63.32	
23/12/2024 09:50	11.57	0	105.62	15.29	17.03	0	25.9	15.72	28.67	0	261.73	45.78	0	69.09	
23/12/2024 09:55	11.67	0	105.25	15.29	17.17	0	24.09	15.76	28.91	0	260.66	46.46	0	65.13	
23/12/2024 10:00	11.6	0	101.51	15.33	17.23	0	23.77	15.78	29.04	0	252.88	46.82	0	64.58	
23/12/2024 10:05	11.43	0	105.55	15.29	16.84	0	28.74	15.76	28.33	0	261.61	45.56	0	77.34	
23/12/2024 10:10	11.45	0	105.22	15.29	16.9	0	23.27	15.84	28.36	0	260.51	46.45	0	63.93	
23/12/2024 10:15	11.47	0	102.32	15.33	17.24	0	23.63	15.84	28.73	0	254.85	47.34	0	64.85	
23/12/2024 10:20	11.4	0	106.02	15.29	16.82	0	27.74	15.76	28.26	0	262.92	45.56	0	74.23	
23/12/2024 10:25	11.53	0	106.61	15.29	17.34	0	23.59	15.75	28.57	0	264.18	46.77	0	63.61	
23/12/2024 10:30	11.55	0	102.54	15.34	17.61	0	24.21	15.77	28.94	0	255.59	47.66	0	65.53	
23/12/2024 10:35	11.4	0	106.02	15.3	17.17	0	28.25	15.73	28.26	0	262.94	46.23	0	75.26	
23/12/2024 10:40	11.39	0	106.06	15.29	17.15	0	23.36	15.83	28.23	0	262.82	47.08	0	64.12	
23/12/2024 10:45	11.58	0	102.17	15.34	17.33	0	23.51	15.81	29.03	0	254.64	47.35	0	64.23	
23/12/2024 10:50	11.48	0	105.77	15.3	16.87	0	27.14	15.75	28.5	0	262.6	45.62	0	72.54	
23/12/2024 10:55	11.25	0	105.39	15.3	17.23	0	23.84	15.74	27.91	0	261.45	46.4	0	64.2	
23/12/2024 11:00	11.37	0													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
23/12/2024 12:00	12.17	0	97.64	15.33	17.81	0	20.38	15.83	30.42	0	243.08	48.83	0	55.89	
23/12/2024 12:05	11.65	0	101.87	15.29	17.36	0	23.38	15.81	28.86	0	252.4	47.43	0	63.2	
23/12/2024 12:10	11.67	0	102.64	15.29	16.89	0	21.45	15.93	28.9	0	254.13	47.3	0	60.08	
23/12/2024 12:15	11.38	0	100.82	15.33	17.17	0	22.79	15.93	28.53	0	250.96	48.06	0	63.79	
23/12/2024 12:20	11.24	0	105.27	15.29	16.85	0	27.06	15.84	27.84	0	260.73	46.4	0	73.37	
23/12/2024 12:25	11.28	0	106.05	15.28	16.98	0	23.46	15.82	27.92	0	262.49	46.44	0	64.16	
23/12/2024 12:30	11.16	0	102.22	15.32	16.95	0	23.48	15.82	27.9	0	254.15	46.35	0	64.2	
23/12/2024 12:35	11.3	0	106.65	15.29	16.41	0	27.1	15.76	27.97	0	264.09	44.5	0	72.62	
23/12/2024 12:40	11.56	0	106.17	15.28	16.79	0	23.92	15.81	28.61	0	262.73	45.85	0	65.3	
23/12/2024 12:45	11.12	0	102.76	15.32	16.99	0	24.24	15.77	27.74	0	255.22	46.03	0	65.66	
23/12/2024 12:50	11.45	0	106.07	15.29	16.61	0	27.68	15.71	28.36	0	262.6	44.58	0	73.54	
23/12/2024 12:55	11.95	0	105.67	15.28	17.15	0	23.68	15.68	29.58	0	261.49	45.67	0	63.05	
23/12/2024 13:00	11.67	0	100.66	15.32	17.49	0	24.39	15.64	29.13	0	250.04	46.22	0	64.45	
23/12/2024 13:05	11.15	0	106.07	15.28	17.06	0	27.01	15.6	27.58	0	262.46	44.83	0	70.56	
23/12/2024 13:10	11.25	0	106.61	15.28	17.19	0	24.7	15.62	27.82	0	263.66	45.21	0	64.99	
23/12/2024 13:15	11.25	0	102.25	15.31	16.83	0	25.62	15.62	27.98	0	253.92	44.27	0	67.4	
23/12/2024 13:20	11.05	0	106.9	15.28	16.32	0	28.96	15.61	27.33	0	264.51	42.89	0	75.58	
23/12/2024 13:25	11.56	0	107.16	15.28	16.94	0	24.9	15.69	28.58	0	264.87	45.2	0	66.44	
23/12/2024 13:30	10.92	0	103.28	15.31	17.03	0	25.47	15.66	27.21	0	256.31	45.21	0	67.61	
23/12/2024 13:35	11.08	0	106.61	15.28	16.54	0	28.71	15.66	27.4	0	263.75	43.87	0	75.57	
23/12/2024 13:40	11.86	0	106.58	15.28	17.03	0	23.79	15.77	29.35	0	263.73	46.12	0	64.41	
23/12/2024 13:45	10.99	0	102.38	15.31	16.9	0	24.07	15.71	27.37	0	254.4	45.24	0	64.41	
23/12/2024 13:50	10.89	0	106.38	15.28	16.43	0	28.61	15.72	26.93	0	263.13	44.13	0	76.52	
23/12/2024 13:55	11.25	0	106.61	15.28	16.65	0	23.37	15.88	27.81	0	263.52	46.1	0	64.68	
23/12/2024 14:00	11.35	0	101.76	15.33	16.85	0	23.14	15.86	28.45	0	253.22	46.46	0	63.8	
23/12/2024 14:05	10.5	0	106.6	15.28	16.31	0	26.91	15.9	25.98	0	263.67	45.38	0	73.7	
23/12/2024 14:10	10.3	0	106.95	15.27	15.29	0	20.91	16.48	25.44	0	264.22	48.23	0	65.82	
23/12/2024 14:15	10.94	0	103.52	15.34	15.84	0	20.49	16.52	27.55	0	258.18	50.26	0	65	
23/12/2024 14:20	10.99	0	106.55	15.28	15.38	0	23.85	16.43	27.21	0	263.71	48.1	0	72.39	
23/12/2024 14:25	10.83	0	106.56	15.28	14.42	0	19.19	16.83	26.76	0	263.4	49.54	0	65.73	
23/12/2024 14:30	10.47	0	104.75	15.38	13.95	0	17.73	17.24	26.71	0	263.85	53	0	67.38	
23/12/2024 14:35	10.94	0	106.66	15.29	13.96	0	23.15	16.92	27.1	0	264.32	49.77	0	77.05	
23/12/2024 14:40	10.94	0	107.42	15.28	14.32	0	18.45	16.96	27.07	0	265.89	50.8	0	65.19	
23/12/2024 14:45	10.67	0	101.82	15.36	13.93	0	17.69	17.12	26.96	0	255.76	51.28	0	65.1	
23/12/2024 14:50	11.12	0	106.22	15.3	13.97	0	22.1	16.86	27.59	0	263.53	48.63	0	73.05	
23/12/2024 14:55	11.25	0	105.86	15.29	14.35	0	18.81	16.85	27.89	0	262.47	49.52	0	64.69	
23/12/2024 15:00	10.82	0	101.82	15.44	13.6	0	16.26	17.48	28.08	0	256.77	55.49	0	66.23	
23/12/2024 15:05	10.79	0	105.93	15.29	13.86	0	19.78	17.14	26.75	0	262.65	52.57	0	70.94	
23/12/2024 15:10	11.64	0	105.53	15.29	17.19	0	24.38	15.57	28.85	0	261.58	44.82	0	63.58	
23/12/2024 15:15	11.18	0	102.68	15.31	17.75	0	25.06	15.47	27.85	0	255.26	45.44	0	64.17	
23/12/2024 15:20	10.76	0	106.89	15.29	17.13	0	27.05	15.47	26.66	0	264.93	43.86	0	69.1	
23/12/2024 15:25	10.97	0	107.05	15.28	17.36	0	25.16	15.56	27.15	0	264.97	45.22	0	65.5	
23/12/2024 15:30	10.79	0	104.07	15.3	17.59	0	24.89	15.58	26.81	0	257.82	45.97	0	65.05	
23/12/2024 15:35	10.33	0	108.73	15.26	16.67	0	28.3	15.66	25.46	0	268.03	44.28	0	74.62	
23/12/2024 15:40	10.91	0	109.56	15.27	15.34	0	22.46	16.28	26.92	0	270.44	46.27	0	67.65	
23/12/2024 15:45	10.54	0	105.2	15.35	14.57	0	21.64	16.54	26.57	0	261.81	46.4	0	68.9	
23/12/2024 15:50	10.37	0	109.04	15.29	14.54	0	24.65	16.33	25.71	0	270.25	44.51	0	73.97	
23/12/2024 15:55	9.58	0	108.94	15.29	15.62	0	24.49	16.03	23.71	0	269.72	44.62	0	69.94	
23/12/2024 16:00	10.08	0	105.84	15.36	16.04	0	24.65	16.07	25.42	0	264.35	46.15	0	70.93	
23/12/2024 16:05	9.92	0	109.88	15.31	15.66	0	27.3	15.98	24.64	0	273.03	44.36	0	76.38	
23/12/2024 16:10	9.88	0	109.59	15.3	15.39	0	24.16	16.1	24.52	0	272.18	44.65	0	70	
23/12/2024 16:15	9.9	0	105.17	15.36	15.89	0	23.93	16.23	24.94	0	263.65	47.31	0	71.24	
23/12/2024 16:20	10.67	0	110.17	15.32	15.46	0	28.51	16.21	26.58	0	274.31	45.89	0	84	
23/12/2024 16:25	11.22	0	110.3	15.32	14.11	0	21	16.85	27.92	0	274.54	48.65	0	72.07	
23/12/2024 16:30	10.56	0	104.79	15.47	13.78	0	18.73	17.27	27.53	0	265.32	52.84	0	71.79	
23/12/2024 16:35	10.87	0	109.07	15.31	13.86	0	23.26	16.95	27.03	0	271.28	49.63	0	78.78	
23/12/2024 16:40	10.88	0	108.98	15.3	14.09	0	19.72	16.93	27.02	0	270.74	49.7	0	69.21	
23/12/2024 16:45	10.49	0	104.71	15.45	12.74	0	16.68	17.71	27.25	0	263.93	55.59	0	72.78	
23/12/2024 16:50	10.63	0	108.86	15.31	13.15	0	21.84	17.24	26.42	0	270.61	51.5	0	79.52	
23/12/2024 16:55	10.63	0	108.55	15.31	14.93	0	21.29	16.61	26.41	0	269.81	48.56	0	69.06	
23/12/2024 17:00	10.42	0	105.21	15.39	14.46	0	19.43	16.96	26.56	0	263.73	51.04	0	68.62	
23/12/2024 17:05	12.1	0	102.42	15.26	14.72	0	23.74	16.66	29.83	0	252.52	48.79	0	75.64	
23/12/2024 17:10	13.34	0	101.03	15.26	15.01	0	21.23	16.54	32.89	0	249.04	48.04	0	67.78	
23/12/2024 17:15	12.37	0	97.11	15.33	14.65	0	19.14	16.98	31.01	0	242.09	51.99	0	67.93	
23/12/2024 17:20	12.37	0	101.88	15.25	14.93	0	24.76	16.61	30.45	0	250.77	49.09	0	77.4	
23/12/2024 17:25	12.34	0	101.25	15.25	16.15	0	23.02	16.11	30.35	0	248.96	46.88	0	66.79	
23/12/2024 17:30	12.23	0	97.74	15.33	15.9	0	22.08	16.32	30.7	0	242.59	48.23	0	66.99	
23/12/2024 17:35	12.04	0	103.75	15.29	15.65	0	25.96	16.15	29.82	0	256.9	46.05	0	74.66	
23/12/2024 17:40	11.63	0	106.05	15.29	16.05	0	23.47	16.07	28.82	0	262.93	46.2	0	67.47	
23/12/2024 17:45	11.12	0	101.99	15.35	15.51	0	22.69	16.38	27.98	0	255.15	47.72	0	69.8	
23/12/2024 17:50	11.19	0	107.32	15.3	15.48	0	24.97	16.17	27.76	0	266.23	45.74	0	72.83	
23/12/2024 17:55	11.02	0	107.52	15.29	16.43	0	25.07	15.85	27.31	0	266.57	45.29	0	69.06	
23/12/2024 18:00	11.5	0	103.08	15.35	16.43	0	24.81	16.03	28.91	0	257.19	46.86	0	70.73	
23/12/2024 18:05	10.98	0	106.63	15.29	16.01	0	28.69	15.91	27.21	0	264.34	44.8	0	79	
23/12/2024 18:10	10.95	0	106.59	15.29	16.17	0	26.2	15.81	27.15	0	264.21	44.24	0	71.6	
23/12/2024 18:15	11.25	0	102.61	15.35	16.35	0	25.87	15.95	28.26	0	255.96	45.97	0	72.71	
23/12/2024 18:20	11.41	0	106.73	15.29	16.24	0	28.06	15.86	28.3	0	264.67	44.91	0	76.88	
23/12/2024 18:25	11.73	0	106.97	15.29	16.93	0	24.63	15.75	29.08	0	265.07	45.74	0	66.53	
23/12/2024 18:30	11														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
23/12/2024 19:30	11.47	0	104.42	15.32	16.98	0	25.07	15.74	28.66	0	259.6	45.77	0	67.6	
23/12/2024 19:35	11.22	0	108.58	15.29	16.56	0	28.67	15.7	27.81	0	269.07	44.32	0	76.02	
23/12/2024 19:40	11.3	0	108.48	15.29	16.32	0	26.47	15.77	27.98	0	268.67	44.23	0	71.77	
23/12/2024 19:45	11.3	0	101.49	15.32	16.51	0	26.76	15.82	28.2	0	252.23	45.22	0	73.27	
23/12/2024 19:50	11.35	0	108.25	15.28	16.2	0	30.64	15.74	28.08	0	267.94	43.76	0	81.83	
23/12/2024 19:55	11.47	0	108.94	15.28	16.6	0	27.13	15.72	28.35	0	269.27	44.53	0	72.75	
23/12/2024 20:00	11.09	0	103.36	15.31	17.15	0	26.23	15.75	27.6	0	256.57	46.35	0	70.86	
23/12/2024 20:05	11.42	0	109.02	15.28	16.54	0	30.23	15.7	28.24	0	269.49	44.28	0	80.14	
23/12/2024 20:10	11.66	0	108.59	15.27	16.43	0	27.17	15.74	28.8	0	268.27	44.29	0	73.2	
23/12/2024 20:15	11.16	0	105.87	15.31	16.75	0	26.25	15.77	27.81	0	262.91	45.38	0	71.12	
23/12/2024 20:20	11.32	0	108.32	15.28	16.41	0	29.48	15.71	28.01	0	268.1	44	0	78.32	
23/12/2024 20:25	11.64	0	108.28	15.28	16.68	0	27.26	15.68	28.79	0	267.8	44.43	0	72.6	
23/12/2024 20:30	11.41	0	104.18	15.31	17.07	0	27.92	15.71	28.45	0	258.57	45.75	0	74.82	
23/12/2024 20:35	11.35	0	108.2	15.28	16.55	0	31.2	15.66	28.06	0	267.56	43.96	0	82.26	
23/12/2024 20:40	11.27	0	108.2	15.27	16.79	0	26.49	15.66	27.83	0	267.31	44.53	0	70.26	
23/12/2024 20:45	11.08	0	105.5	15.3	16.78	0	28.34	15.69	27.57	0	261.67	44.81	0	75.65	
23/12/2024 20:50	11.03	0	107.9	15.28	16.33	0	32.57	15.64	27.27	0	266.78	43.2	0	85.5	
23/12/2024 20:55	10.72	0	107.78	15.27	16.71	0	27.1	15.65	26.48	0	266.27	44.23	0	71.71	
23/12/2024 21:00	11.23	0	104.23	15.31	16.82	0	27.42	15.68	27.96	0	258.47	44.81	0	73.05	
23/12/2024 21:05	11.36	0	107.64	15.28	16.5	0	31.6	15.63	28.08	0	266.03	43.59	0	82.76	
23/12/2024 21:10	11.39	0	108.06	15.27	16.48	0	27.19	15.7	28.12	0	266.81	44.03	0	72.6	
23/12/2024 21:15	11.17	0	102.26	15.3	17.24	0	27.34	15.71	27.79	0	253.66	46.18	0	73.22	
23/12/2024 21:20	11.26	0	107.5	15.28	16.64	0	31.66	15.64	27.83	0	265.74	44.1	0	83.12	
23/12/2024 21:25	11.5	0	107.63	15.27	16.78	0	27.5	15.64	28.41	0	265.88	44.38	0	72.73	
23/12/2024 21:30	11.31	0	105.18	15.3	17.1	0	26.71	15.69	28.14	0	261.01	45.59	0	71.21	
23/12/2024 21:35	11.25	0	106.83	15.28	16.71	0	31.14	15.64	27.81	0	264.15	44.2	0	81.58	
23/12/2024 21:40	11.33	0	106.31	15.27	16.79	0	27.2	15.7	27.98	0	262.56	44.84	0	72.64	
23/12/2024 21:45	11.29	0	103.24	15.31	17.21	0	26.47	15.71	28.12	0	256.05	46.15	0	70.96	
23/12/2024 21:50	11.26	0	107.16	15.28	16.81	0	31.22	15.67	27.84	0	265.02	44.77	0	82.89	
23/12/2024 21:55	11.14	0	106.86	15.28	16.78	0	26.26	15.7	27.53	0	264.06	44.84	0	70.16	
23/12/2024 22:00	11.27	0	103.66	15.3	16.75	0	26.67	15.76	28.05	0	256.89	45.25	0	72.05	
23/12/2024 22:05	11.35	0	107.11	15.27	16.39	0	28.58	15.7	28.04	0	264.58	43.88	0	76.08	
23/12/2024 22:10	11.47	0	106.89	15.27	16.37	0	27.31	15.74	28.32	0	263.99	44.11	0	73.56	
23/12/2024 22:15	11.28	0	103.33	15.31	16.75	0	27.91	15.77	28.15	0	256.56	45.43	0	75.68	
23/12/2024 22:20	11.39	0	108.09	15.28	16.34	0	31.16	15.72	28.16	0	267.21	43.93	0	83.01	
23/12/2024 22:25	11.67	0	109.03	15.27	16.6	0	26.59	15.76	28.83	0	269.35	44.85	0	71.88	
23/12/2024 22:30	11.33	0	103.96	15.32	16.37	0	27.51	15.81	28.3	0	258.12	44.74	0	75.18	
23/12/2024 22:35	11.11	0	107.65	15.28	16.05	0	30.49	15.75	27.46	0	266.09	43.41	0	81.7	
23/12/2024 22:40	10.98	0	106.86	15.28	16.63	0	27.13	15.73	27.14	0	264.06	44.76	0	73.01	
23/12/2024 22:45	11.05	0	104.92	15.3	17.15	0	26.77	15.76	27.5	0	260	46.33	0	72.33	
23/12/2024 22:50	11.1	0	108	15.27	16.78	0	29.26	15.71	27.41	0	266.61	45.04	0	77.91	
23/12/2024 22:55	11.14	0	107.52	15.27	16.74	0	26.33	15.74	27.5	0	265.39	45.11	0	70.96	
23/12/2024 23:00	11.41	0	104.01	15.31	17	0	27.02	15.77	28.42	0	257.87	46.11	0	73.28	
23/12/2024 23:05	11.56	0	108.24	15.27	16.59	0	30.46	15.73	28.55	0	267.45	44.65	0	81.27	
23/12/2024 23:10	11.94	0	108.16	15.27	16.89	0	25.92	15.76	29.47	0	266.97	45.69	0	70.09	
23/12/2024 23:15	11.6	0	103.99	15.32	17.25	0	26.47	15.77	28.98	0	258.26	46.76	0	71.74	
23/12/2024 23:20	11.33	0	107.77	15.28	16.72	0	30.18	15.72	28	0	266.46	44.94	0	80.3	
23/12/2024 23:25	11.55	0	107.7	15.27	16.98	0	26.27	15.72	28.53	0	266.07	45.57	0	70.5	
23/12/2024 23:30	11.26	0	103.85	15.29	17.39	0	26.25	15.75	27.94	0	257.43	46.91	0	70.82	
23/12/2024 23:35	11.13	0	108.19	15.27	16.91	0	29.16	15.71	27.5	0	267.29	45.34	0	77.52	
23/12/2024 23:40	11	0	108.59	15.27	16.87	0	26.28	15.77	27.16	0	268.12	45.7	0	71.15	
23/12/2024 23:45	11.05	0	105.09	15.31	16.87	0	27	15.77	27.54	0	260.71	45.7	0	73.15	
23/12/2024 23:50	11.23	0	109.03	15.28	16.45	0	30.5	15.72	27.76	0	269.51	44.21	0	81.18	
23/12/2024 23:55	11.59	0	109.63	15.27	16.66	0	27.12	15.75	28.63	0	270.67	45.01	0	73.27	
24/12/2024 00:00	11	0	105.1	15.31	16.87	0	26.91	15.79	27.44	0	260.63	45.88	0	73.19	
24/12/2024 00:05	10.83	0	108.42	15.27	16.34	0	30.36	15.73	26.75	0	267.73	44.02	0	80.95	
24/12/2024 00:10	10.83	0	108.05	15.27	16.31	0	27.61	15.76	26.73	0	266.7	44.11	0	74.71	
24/12/2024 00:15	10.9	0	104.38	15.31	16.66	0	27.2	15.77	27.21	0	259.03	45.13	0	73.7	
24/12/2024 00:20	10.8	0	108.74	15.28	16.26	0	28.65	15.73	26.7	0	268.79	43.77	0	76.81	
24/12/2024 00:25	11.06	0	108.48	15.28	16.08	0	27.89	15.75	27.34	0	268.15	43.39	0	75.24	
24/12/2024 00:30	10.58	0	105.97	15.3	16.03	0	28.19	15.78	26.34	0	262.72	43.49	0	76.48	
24/12/2024 00:35	10.55	0	108.74	15.27	15.69	0	29.95	15.72	26.06	0	268.49	42.21	0	80.12	
24/12/2024 00:40	10.64	0	108.44	15.26	15.98	0	27.4	15.73	26.24	0	267.44	43.02	0	73.76	
24/12/2024 00:45	10.69	0	104.53	15.29	16.54	0	28.93	15.74	26.57	0	258.61	44.51	0	77.86	
24/12/2024 00:50	10.65	0	108.32	15.27	16.02	0	32.72	15.68	26.26	0	267.22	42.74	0	86.4	
24/12/2024 00:55	10.53	0	108.78	15.26	16.03	0	27.49	15.7	25.95	0	268.07	42.84	0	73.47	
24/12/2024 01:00	10.47	0	104.99	15.29	16.4	0	27.12	15.71	25.99	0	259.48	43.94	0	72.67	
24/12/2024 01:05	10.72	0	108.03	15.26	15.9	0	30.76	15.66	26.43	0	266.47	42.24	0	81.02	
24/12/2024 01:10	10.86	0	107.61	15.26	16.13	0	27.37	15.7	26.76	0	265.18	43.15	0	73.23	
24/12/2024 01:15	10.92	0	104.07	15.3	16.45	0	27.95	15.71	27.15	0	257.7	44.1	0	74.94	
24/12/2024 01:20	10.96	0	106.72	15.27	16.04	0	32.08	15.68	27.08	0	263.65	42.75	0	84.65	
24/12/2024 01:25	11	0	106.56	15.27	16.28	0	26	15.81	27.17	0	263.18	44.46	0	71.01	
24/12/2024 01:30	11.07	0	100.79	15.3	16.52	0	25.07	15.83	27.53	0	249.84	45.26	0	68.7	
24/12/2024 01:35	11.17	0	104.55	15.27	16.24	0	28.18	15.75	27.56	0	257.94	43.9	0	75.35	
24/12/2024 01:40	11.52	0	104.28	15.26	16.45	0	24.93	15.74	28.39	0	257.12	44.34	0	67.18	
24/12/2024 01:45	11.39	0	100.52	15.3	16.67	0	25.91	15.78	28.34	0	248.85	45.25	0	70.3	
24/12/2024 01:50	11.21	0	104.25	15.27	16.27	0	29.01	15.72	27.67	0	257.3	43.75	0	77.33	
24/12/2024 01:55	11.47	0	104.66	15.27	16.31	0	25.76	15.77	28.31	0	258.33	44.19	0	69.78	
24/12/2024 02:00	11.23	0	101												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
24/12/2024 03:00	11.04	0	104.15	15.3	16.45	0	27.45	15.71	27.48	0	258.05	44.05	0	73.49	
24/12/2024 03:05	10.95	0	107.68	15.27	15.91	0	31.35	15.66	27.01	0	265.67	42.32	0	82.62	
24/12/2024 03:10	11.11	0	107.28	15.26	16.13	0	27.33	15.73	27.39	0	264.52	43.34	0	73.42	
24/12/2024 03:15	10.92	0	104.55	15.3	16.57	0	26.87	15.77	27.18	0	259.06	44.86	0	72.74	
24/12/2024 03:20	10.96	0	107.91	15.27	16.13	0	30.28	15.71	27.09	0	266.63	43.25	0	80.44	
24/12/2024 03:25	11.05	0	107.16	15.27	16.32	0	27.15	15.75	27.28	0	264.57	44.07	0	73.3	
24/12/2024 03:30	10.8	0	104.34	15.3	16.05	0	27.94	15.78	26.85	0	258.26	43.56	0	75.83	
24/12/2024 03:35	10.93	0	107.52	15.27	15.63	0	30.96	15.74	26.98	0	265.31	42.14	0	82.7	
24/12/2024 03:40	10.89	0	107.33	15.27	16.15	0	26.79	15.79	26.87	0	264.78	43.99	0	72.92	
24/12/2024 03:45	10.78	0	104.44	15.3	15.91	0	26.98	15.84	26.82	0	258.64	43.7	0	74.11	
24/12/2024 03:50	10.99	0	106.87	15.26	15.6	0	30.19	15.76	27.09	0	263.47	42.28	0	80.98	
24/12/2024 03:55	10.91	0	106.72	15.26	16.13	0	26.5	15.75	26.88	0	262.98	43.6	0	71.59	
24/12/2024 04:00	10.91	0	103.78	15.29	16.44	0	26.27	15.8	27.12	0	256.71	44.82	0	71.61	
24/12/2024 04:05	11.29	0	107.04	15.25	15.91	0	30.7	15.73	27.8	0	263.57	42.89	0	81.63	
24/12/2024 04:10	11.61	0	107.05	15.25	16.32	0	26.13	15.76	28.55	0	263.28	44.19	0	70.75	
24/12/2024 04:15	11.37	0	103.17	15.3	16.49	0	26.73	15.83	28.34	0	255.51	45.21	0	73.28	
24/12/2024 04:20	11.23	0	107.1	15.27	16.07	0	30.11	15.76	27.7	0	264.22	43.56	0	80.76	
24/12/2024 04:25	11.22	0	106.64	15.26	16.21	0	26.53	15.77	27.65	0	262.86	43.91	0	71.81	
24/12/2024 04:30	11.33	0	103.04	15.3	16.52	0	26.41	15.8	28.22	0	255.24	44.99	0	71.93	
24/12/2024 04:35	11.15	0	106.57	15.26	16.06	0	30.17	15.74	27.5	0	262.83	43.33	0	80.5	
24/12/2024 04:40	11.22	0	106.34	15.26	16.36	0	26.41	15.76	27.64	0	261.99	44.22	0	71.36	
24/12/2024 04:45	11.2	0	103.01	15.29	16.21	0	25.97	15.8	27.84	0	254.75	44.15	0	70.73	
24/12/2024 04:50	11.08	0	106.97	15.26	15.81	0	29.55	15.74	27.3	0	263.67	42.69	0	78.94	
24/12/2024 04:55	10.83	0	106.55	15.25	16.13	0	26.22	15.81	26.66	0	262.34	44.11	0	71.69	
24/12/2024 05:00	11.23	0	103.32	15.31	16.3	0	26.33	15.84	28.01	0	256.16	44.75	0	72.29	
24/12/2024 05:05	11.2	0	107.65	15.26	15.97	0	29.58	15.78	27.62	0	265.44	43.46	0	79.59	
24/12/2024 05:10	11.44	0	107.86	15.26	16.05	0	25.64	15.86	28.18	0	265.72	44.3	0	70.76	
24/12/2024 05:15	11.13	0	104.64	15.3	16.32	0	26.21	15.92	27.73	0	259.19	45.58	0	73.2	
24/12/2024 05:20	11.24	0	108.06	15.27	16.05	0	30.31	15.83	27.74	0	266.59	44.11	0	82.22	
24/12/2024 05:25	11.38	0	108.31	15.26	16.22	0	26.04	15.85	28.05	0	267.06	44.65	0	71.65	
24/12/2024 05:30	11.19	0	104.07	15.31	16.39	0	26.04	15.85	27.9	0	257.84	45.08	0	71.63	
24/12/2024 05:35	11.04	0	108.38	15.26	16.08	0	27.54	15.79	27.22	0	267.11	43.82	0	74.69	
24/12/2024 05:40	11.11	0	108.44	15.26	16.15	0	27.37	15.83	27.38	0	267.22	44.27	0	75.01	
24/12/2024 05:45	11.09	0	105.05	15.3	16.44	0	27.18	15.84	27.58	0	259.85	45.16	0	74.69	
24/12/2024 05:50	11.16	0	108.67	15.26	16.25	0	28.44	15.77	27.51	0	267.83	44.06	0	76.81	
24/12/2024 05:55	11.25	0	108.41	15.26	16.38	0	28.16	15.74	27.72	0	267.07	44.1	0	75.81	
24/12/2024 06:00	11.2	0	106.62	15.29	16.64	0	28.16	15.74	27.81	0	263.81	44.84	0	75.87	
24/12/2024 06:05	11.13	0	110.16	15.26	16.24	0	30.32	15.71	27.43	0	271.54	43.51	0	80.69	
24/12/2024 06:10	10.98	0	110.45	15.26	16.22	0	28.64	15.8	27.05	0	272.04	44.25	0	78.14	
24/12/2024 06:15	11.08	0	106.18	15.31	16.66	0	29.26	15.82	27.66	0	263.42	45.61	0	80.09	
24/12/2024 06:20	11.12	0	110.19	15.27	16.16	0	33.09	15.75	27.45	0	272.11	43.76	0	88.68	
24/12/2024 06:25	11.25	0	110.64	15.27	16.37	0	28.97	15.77	27.77	0	273.1	44.35	0	78.46	
24/12/2024 06:30	11.07	0	107	15.3	16.19	0	29.48	15.78	27.53	0	264.88	43.97	0	80.07	
24/12/2024 06:35	11.08	0	110.06	15.26	15.81	0	32.79	15.73	27.31	0	271.38	42.57	0	87.54	
24/12/2024 06:40	11.09	0	109.69	15.26	16.12	0	29.29	15.78	27.35	0	270.37	43.74	0	79.46	
24/12/2024 06:45	10.93	0	104.85	15.29	16.72	0	28.92	15.78	27.17	0	259.67	45.41	0	78.51	
24/12/2024 06:50	10.86	0	111.07	15.26	16.38	0	32.88	15.73	26.75	0	273.68	44.07	0	88.26	
24/12/2024 06:55	10.97	0	111.33	15.26	16.33	0	29.66	15.69	27.01	0	274.19	43.55	0	79.1	
24/12/2024 07:00	10.69	0	109.04	15.28	16.43	0	28.94	15.69	26.5	0	269.52	43.84	0	77.24	
24/12/2024 07:05	10.81	0	110.77	15.26	15.91	0	32.25	15.66	26.65	0	273.21	42.25	0	84.96	
24/12/2024 07:10	10.81	0	110.39	15.26	16.15	0	29.98	15.72	26.66	0	272.18	43.38	0	80.52	
24/12/2024 07:15	10.83	0	106.07	15.29	16.09	0	31.06	15.7	26.87	0	262.47	43.05	0	83.09	
24/12/2024 07:20	10.86	0	110.63	15.26	15.74	0	33.18	15.67	26.75	0	272.58	41.86	0	87.8	
24/12/2024 07:25	10.86	0	110.92	15.25	16.07	0	29.47	15.72	26.74	0	273.11	43.12	0	79.06	
24/12/2024 07:30	10.99	0	106.78	15.3	16.42	0	30.34	15.74	27.38	0	264.49	44.25	0	81.75	
24/12/2024 07:35	10.88	0	110.98	15.26	16.07	0	31.67	15.7	26.81	0	273.42	42.98	0	84.37	
24/12/2024 07:40	10.86	0	110.64	15.25	16.27	0	29.19	15.73	26.73	0	272.35	43.7	0	78.43	
24/12/2024 07:45	10.83	0	108.97	15.29	16.32	0	29.4	15.73	26.87	0	269.65	43.91	0	79.07	
24/12/2024 07:50	10.96	0	110.94	15.26	15.84	0	32.76	15.69	27.03	0	273.49	42.36	0	86.87	
24/12/2024 07:55	11.05	0	110.91	15.26	16.32	0	28.97	15.75	27.21	0	273.23	44.04	0	78.15	
24/12/2024 08:00	10.65	0	107.45	15.28	16.71	0	28.63	15.75	26.38	0	265.8	45.04	0	77.21	
24/12/2024 08:05	10.88	0	111.3	15.26	16.2	0	31.92	15.7	26.82	0	274.37	43.38	0	84.73	
24/12/2024 08:10	10.95	0	110.88	15.26	16.19	0	28.7	15.72	26.98	0	273.15	43.43	0	76.99	
24/12/2024 08:15	10.21	0	105.37	15.28	16.63	0	29.76	15.69	25.29	0	260.17	44.36	0	79.39	
24/12/2024 08:20	10.53	0	111.59	15.26	16.22	0	33.44	15.67	25.94	0	274.96	43.17	0	88.89	
24/12/2024 08:25	10.52	0	111.67	15.25	16.23	0	29.39	15.7	25.89	0	274.96	43.42	0	78.6	
24/12/2024 08:30	10.69	0	106.15	15.29	16.89	0	28.63	15.69	26.52	0	262.71	45.06	0	76.39	
24/12/2024 08:35	10.85	0	110.32	15.26	16.38	0	32.86	15.65	26.76	0	272.11	43.43	0	86.31	
24/12/2024 08:40	10.72	0	109.78	15.26	16.46	0	28.82	15.67	26.44	0	270.76	43.75	0	76.58	
24/12/2024 08:45	10.73	0	106.07	15.29	17.02	0	29.49	15.64	26.62	0	262.61	45.01	0	78.01	
24/12/2024 08:50	10.64	0	111.36	15.27	16.39	0	32.77	15.62	26.27	0	274.88	43.19	0	85.72	
24/12/2024 08:55	10.5	0	111.67	15.26	16.7	0	28.67	15.66	25.9	0	275.42	44.35	0	76.12	
24/12/2024 09:00	10.78	0	108.42	15.29	16.61	0	28.85	15.64	26.77	0	268.48	43.91	0	76.25	
24/12/2024 09:05	10.8	0	110.92	15.27	16.21	0	32.15	15.59	26.65	0	273.82	42.51	0	83.75	
24/12/2024 09:10	10.78	0	111.39	15.27	16.28	0	29.12	15.6	26.6	0	274.88	42.68	0	76.38	
24/12/2024 09:15	10.15	0	106.8	15.3	15.87	0	29.79	15.59	25.24	0	264.44	41.55	0	77.98	
24/12/2024 09:20	9.91	0	110.72	15.26	15.37	0	32.47	15.57	24.44	0	273.1	40.12	0	84.35	
24/12/2024 09:25	9.72	0	111.05	15.26	15.38	0	29.78	15.66	23.96	0	273.72	40.8	0	78.97	



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
24/12/2024 10:30	10.73	0	107.35	15.32	16.71	0	28.18	15.72	26.78	0	266.84	44.85	0	75.62	
24/12/2024 10:35	10.64	0	110.91	15.3	16.1	0	32.22	15.68	26.39	0	275.06	42.99	0	85.21	
24/12/2024 10:40	10.67	0	110.8	15.29	16.44	0	28.3	15.72	26.45	0	274.63	44.13	0	75.96	
24/12/2024 10:45	10.74	0	107.52	15.33	16.36	0	27.95	15.74	26.84	0	267.68	44.07	0	75.29	
24/12/2024 10:50	10.48	0	110.2	15.3	15.93	0	31.11	15.68	26.03	0	273.6	42.52	0	82.4	
24/12/2024 10:55	10.61	0	109.34	15.3	16.32	0	28.08	15.77	26.32	0	271.26	44.23	0	76.1	
24/12/2024 11:00	10.59	0	107.09	15.33	16.99	0	28.37	15.72	26.46	0	266.61	45.6	0	76.15	
24/12/2024 11:05	10.49	0	110.51	15.3	16.43	0	32.64	15.65	26.03	0	274.22	43.59	0	85.77	
24/12/2024 11:10	10.89	0	109.92	15.29	16.84	0	28.49	15.59	26.99	0	272.46	44.07	0	74.55	
24/12/2024 11:15	10.41	0	107.04	15.32	16.83	0	28.95	15.62	25.94	0	266.01	44.33	0	76.26	
24/12/2024 11:20	10.57	0	110.54	15.3	16.35	0	32.24	15.6	26.22	0	274.26	42.93	0	84.12	
24/12/2024 11:25	10.53	0	110.41	15.29	16.39	0	28.98	15.68	26.09	0	273.51	43.7	0	77.23	
24/12/2024 11:30	10.39	0	107.05	15.32	16.77	0	28.42	15.71	25.96	0	266.43	44.87	0	76.06	
24/12/2024 11:35	10.25	0	110.57	15.3	16.21	0	32.15	15.63	25.45	0	274.5	42.81	0	84.22	
24/12/2024 11:40	9.61	0	111.27	15.29	16.72	0	29.93	15.5	23.83	0	275.87	43.07	0	77.08	
24/12/2024 11:45	10.38	0	106.82	15.32	16.98	0	29.16	15.52	25.88	0	265.85	43.87	0	75.36	
24/12/2024 11:50	10.81	0	110.39	15.31	16.51	0	33.88	15.54	26.88	0	274.35	42.81	0	87.65	
24/12/2024 11:55	11.36	0	110.56	15.31	16.43	0	28.74	15.69	28.23	0	274.74	43.88	0	76.72	
24/12/2024 12:00	10.6	0	107.83	15.33	16.77	0	29.02	15.69	26.51	0	268.84	44.74	0	77.43	
24/12/2024 12:05	10.55	0	110.52	15.31	16.22	0	31.86	15.66	26.23	0	274.71	43.08	0	84.06	
24/12/2024 12:10	10.14	0	110.13	15.3	16.64	0	28.24	15.69	25.16	0	273.19	44.4	0	75.35	
24/12/2024 12:15	10.17	0	107.43	15.32	16.89	0	28.26	15.67	25.4	0	267.52	44.84	0	75.03	
24/12/2024 12:20	10.47	0	109.9	15.3	16.24	0	31.89	15.66	26	0	272.85	43.16	0	84.08	
24/12/2024 12:25	10.66	0	110.23	15.3	16.18	0	27.69	15.78	26.45	0	273.62	43.94	0	75.21	
24/12/2024 12:30	10.51	0	106.76	15.33	16.29	0	27.77	15.75	26.3	0	266.1	43.97	0	74.98	
24/12/2024 12:35	10.86	0	110.2	15.31	15.72	0	32.43	15.7	27	0	273.92	42.15	0	85.96	
24/12/2024 12:40	11.02	0	110.8	15.3	16.11	0	28.1	15.76	27.36	0	275.17	43.55	0	75.93	
24/12/2024 12:45	10.87	0	105.69	15.34	16.69	0	28.23	15.71	27.24	0	263.59	44.7	0	75.61	
24/12/2024 12:50	10.29	0	109.61	15.3	16.14	0	31.33	15.7	25.54	0	272.2	43.17	0	83.16	
24/12/2024 12:55	9.95	0	109.59	15.3	16.15	0	27.72	15.79	24.69	0	271.88	43.97	0	75.44	
24/12/2024 13:00	10.64	0	106.41	15.33	16.26	0	27.74	15.76	26.59	0	264.93	43.94	0	74.97	
24/12/2024 13:05	10.52	0	109.5	15.3	15.86	0	29.5	15.74	26.11	0	271.92	42.76	0	79.19	
24/12/2024 13:10	10.89	0	108.94	15.3	15.95	0	27.62	15.89	27.02	0	270.32	44.31	0	76.71	
24/12/2024 13:15	10.37	0	105.07	15.34	16.53	0	27.12	15.85	26.01	0	262.11	45.54	0	74.7	
24/12/2024 13:20	10.28	0	109.51	15.3	15.79	0	30.94	15.83	25.51	0	271.62	43.41	0	84.14	
24/12/2024 13:25	10.17	0	109.38	15.29	15.37	0	26.58	16.13	25.18	0	270.8	44.85	0	77.44	
24/12/2024 13:30	9.95	0	106.03	15.35	15.76	0	26.23	16.18	25.04	0	264.3	46.38	0	77.18	
24/12/2024 13:35	10.07	0	110	15.3	15.24	0	29.98	16.08	24.98	0	272.91	44.18	0	85.3	
24/12/2024 13:40	10.19	0	110.34	15.29	14.95	0	25.8	16.26	25.25	0	273.51	44.93	0	77.37	
24/12/2024 13:45	9.89	0	103.81	15.35	14.3	0	24.73	16.49	24.95	0	259.21	45.03	0	77.86	
24/12/2024 13:50	10.09	0	109.02	15.29	14.15	0	27.53	16.36	25	0	270.15	43.53	0	83.31	
24/12/2024 13:55	10.38	0	108.66	15.28	14.83	0	25.38	16.33	25.68	0	268.95	45.2	0	77.31	
24/12/2024 14:00	9.94	0	103.51	15.35	14.88	0	24.99	16.41	25.06	0	258.55	46.09	0	77.4	
24/12/2024 14:05	10.2	0	109.27	15.3	14.47	0	28.95	16.31	25.3	0	271.04	44.03	0	85.86	
24/12/2024 14:10	10.44	0	109.41	15.29	14.33	0	23	16.66	25.88	0	271.26	47.26	0	75.48	
24/12/2024 14:15	10.6	0	102.96	15.44	13.36	0	21.6	17.11	27.46	0	259.43	49.01	0	79.24	
24/12/2024 14:20	9.97	0	108.29	15.3	13.24	0	26.79	16.79	24.73	0	268.57	45.55	0	87.86	
24/12/2024 14:25	9.77	0	108.66	15.29	14.37	0	24.28	16.55	24.2	0	269.25	46.09	0	77.61	
24/12/2024 14:30	9.79	0	105.53	15.36	14.57	0	23.01	16.72	24.79	0	263.69	48.49	0	76.58	
24/12/2024 14:35	10.26	0	108.19	15.3	14.49	0	24.53	16.54	25.45	0	268.47	46.52	0	77.72	
24/12/2024 14:40	10.09	0	107.84	15.29	14.44	0	23.1	16.52	25.01	0	267.24	45.98	0	73.43	
24/12/2024 14:45	9.84	0	103.96	15.39	14.03	0	22.58	16.73	25	0	260.78	46.74	0	75.22	
24/12/2024 14:50	9.88	0	108.68	15.3	13.71	0	27.72	16.5	24.52	0	269.73	43.8	0	85.19	
24/12/2024 14:55	9.69	0	109.17	15.3	14.28	0	23.75	16.56	24.03	0	270.83	45.91	0	76.07	
24/12/2024 15:00	9.87	0	104.93	15.38	14.47	0	23.06	16.71	25.13	0	262.78	47.94	0	76.41	
24/12/2024 15:05	10	0	108.8	15.3	14.19	0	27.49	16.47	24.83	0	270.05	44.97	0	84.16	
24/12/2024 15:10	10.19	0	108.98	15.3	14.38	0	23.63	16.49	25.27	0	270.36	45.41	0	74.55	
24/12/2024 15:15	9.73	0	105.72	15.37	14.24	0	23.16	16.66	24.66	0	264.47	46.71	0	75.96	
24/12/2024 15:20	9.82	0	108.59	15.31	14.08	0	27.26	16.44	24.39	0	269.82	44.3	0	83.19	
24/12/2024 15:25	9.75	0	108.38	15.3	14.19	0	23.22	16.54	24.21	0	269.08	45.52	0	74.17	
24/12/2024 15:30	9.82	0	104.03	15.44	13.62	0	20.3	17.09	25.51	0	263.01	49.72	0	74.12	
24/12/2024 15:35	10.21	0	108.34	15.31	13.6	0	25.08	16.79	25.41	0	269.56	46.72	0	82.17	
24/12/2024 15:40	10.31	0	108.36	15.31	14.06	0	22.25	16.69	25.64	0	269.41	46.65	0	73.69	
24/12/2024 15:45	9.89	0	104.24	15.42	13.6	0	21.45	17.03	25.45	0	262.45	48.9	0	77.08	
24/12/2024 15:50	10.05	0	108.85	15.32	13.53	0	26.45	16.75	25.02	0	271.09	45.9	0	85.75	
24/12/2024 15:55	10.06	0	109.41	15.31	14.19	0	23.38	16.55	25.03	0	272.09	45.48	0	74.73	
24/12/2024 16:00	9.6	0	105.23	15.39	14.03	0	22.36	16.81	24.46	0	263.54	47.74	0	76.09	
24/12/2024 16:05	10.05	0	109.22	15.32	14.02	0	24.29	16.6	25.02	0	272.03	45.73	0	78	
24/12/2024 16:10	10.02	0	109.64	15.32	14.34	0	23.3	16.54	24.93	0	272.91	45.92	0	74.3	
24/12/2024 16:15	9.6	0	104.7	15.44	13.62	0	21.06	16.97	24.85	0	264.65	48.22	0	74.55	
24/12/2024 16:20	9.97	0	109.08	15.33	13.55	0	25.34	16.75	24.87	0	271.99	45.95	0	82.3	
24/12/2024 16:25	9.83	0	108.95	15.32	14.29	0	22.35	16.71	24.49	0	271.5	47.61	0	74.18	
24/12/2024 16:30	9.59	0	105.15	15.43	13.61	0	20.32	17.21	24.73	0	264.74	51.23	0	76.51	
24/12/2024 16:35	10.24	0	109.16	15.32	13.09	0	23.32	17.22	25.52	0	272.1	50.01	0	84.34	
24/12/2024 16:40	10.34	0	109.69	15.32	11.23	0	14.57	18.25	25.77	0	273.25	60.65	0	76.86	
24/12/2024 16:45	9.59	0	105.48	15.48	11.05	0	13.08	18.62	25.53	0	266.52	67.48	0	79.86	
24/12/2024 16:50	10.55	0	109.41	15.33	11.56	0	18.92	18.09	26.35	0	273.27	61.12	0	86.54	
24/12/2024 16:55	10.36	0	109.45	15.33	12.47	0	18.1	17.6	25.86	0	273.2	53.42	0	76.66	
24/12/2024 17:00	10	0	104.9	15.49	11.3</										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24/12/2024 18:00	11.17	0	100.81	15.41	12.62	0	17.88	17.7	28.74	0	252.6	54.83	0	77.66	
24/12/2024 18:05	10.47	0	108.53	15.32	13.01	0	24.71	17.15	26.06	0	270.17	49.98	0	87.12	
24/12/2024 18:10	10.16	0	109.3	15.31	14.87	0	24.26	16.32	25.24	0	271.67	45.27	0	73.71	
24/12/2024 18:15	9.85	0	106.27	15.39	14.64	0	22.81	16.65	25.08	0	266.47	47.92	0	74.64	
24/12/2024 18:20	10.4	0	110.67	15.32	14.5	0	26.96	16.43	25.9	0	275.63	45.47	0	81.96	
24/12/2024 18:25	10.25	0	110.58	15.32	14.94	0	25.05	16.24	25.51	0	275.24	44.7	0	74.82	
24/12/2024 18:30	10.21	0	106.58	15.37	14.78	0	24.3	16.43	25.85	0	266.62	45.92	0	75.51	
24/12/2024 18:35	10.3	0	110.55	15.31	14.43	0	28.42	16.27	25.62	0	274.95	43.63	0	83.77	
24/12/2024 18:40	10.03	0	110.31	15.31	15.38	0	26.21	16.06	24.93	0	274.12	44.21	0	75.25	
24/12/2024 18:45	10.03	0	106.39	15.37	15.34	0	25.6	16.2	25.37	0	266.08	45.4	0	75.75	
24/12/2024 18:50	10.36	0	110.54	15.31	15.19	0	29.85	16.09	25.75	0	274.66	44.02	0	86.32	
24/12/2024 18:55	10.94	0	110.88	15.31	15.88	0	26.59	15.93	27.18	0	275.52	44.45	0	74.4	
24/12/2024 19:00	10.28	0	106.59	15.36	15.9	0	26.5	15.96	25.9	0	266.35	44.78	0	74.63	
24/12/2024 19:05	10.38	0	110.77	15.31	15.5	0	29.5	15.88	25.8	0	275.44	43.06	0	80.99	
24/12/2024 19:10	10.13	0	110.61	15.3	16.2	0	28.38	15.78	25.14	0	274.62	44.03	0	77.12	
24/12/2024 19:15	10.4	0	108.21	15.34	16.34	0	28.08	15.84	26.08	0	270.07	44.9	0	77.16	
24/12/2024 19:20	10.3	0	110.89	15.3	15.81	0	31.69	15.79	25.58	0	275.28	43.06	0	85.41	
24/12/2024 19:25	10.19	0	110.58	15.3	15.74	0	29.04	15.87	25.27	0	274.24	43.52	0	80.31	
24/12/2024 19:30	10.36	0	107.71	15.33	16.41	0	28.84	15.88	25.95	0	268.31	45.41	0	79.83	
24/12/2024 19:35	10.48	0	112.17	15.3	15.88	0	32.21	15.83	26.02	0	278.62	43.65	0	87.5	
24/12/2024 19:40	10.44	0	112.38	15.3	15.79	0	27.62	15.96	25.91	0	279.01	44.49	0	77.77	
24/12/2024 19:45	10.1	0	106.74	15.36	15.53	0	27.79	16.02	25.52	0	266.87	44.23	0	79.13	
24/12/2024 19:50	9.99	0	111.38	15.31	15.01	0	32.15	15.9	24.82	0	276.82	41.91	0	88.33	
24/12/2024 19:55	10.13	0	111.16	15.31	15.97	0	28.03	15.82	25.17	0	276.29	43.73	0	76.73	
24/12/2024 20:00	9.96	0	107.93	15.34	16.06	0	27.77	15.85	24.96	0	269.12	44.19	0	76.42	
24/12/2024 20:05	10.39	0	111.68	15.3	15.6	0	32.09	15.79	25.81	0	277.43	42.49	0	86.38	
24/12/2024 20:10	10.58	0	111.91	15.3	15.81	0	27.7	15.88	26.26	0	277.84	43.82	0	76.76	
24/12/2024 20:15	10.45	0	108.28	15.34	16	0	27.91	15.92	26.21	0	269.84	44.64	0	77.87	
24/12/2024 20:20	10.38	0	112.13	15.3	15.69	0	32.5	15.87	25.75	0	278.2	43.41	0	89.52	
24/12/2024 20:25	10.41	0	112.11	15.29	15.58	0	27.53	15.91	25.79	0	277.81	43.45	0	76.73	
24/12/2024 20:30	10.21	0	107.57	15.34	15.87	0	27.25	15.93	25.63	0	268.13	44.4	0	76.2	
24/12/2024 20:35	10.46	0	111.43	15.3	15.51	0	30.86	15.86	25.99	0	276.83	42.9	0	84.28	
24/12/2024 20:40	10.39	0	111.45	15.3	15.62	0	27.09	15.91	25.78	0	276.57	43.54	0	75.5	
24/12/2024 20:45	10.11	0	105.78	15.33	15.96	0	26.84	15.92	25.32	0	263.73	44.56	0	74.97	
24/12/2024 20:50	10.15	0	111.4	15.3	15.56	0	30.29	15.86	25.21	0	276.51	43.01	0	82.67	
24/12/2024 20:55	10.34	0	112.03	15.29	15.85	0	27.46	15.86	25.65	0	277.77	43.78	0	75.78	
24/12/2024 21:00	10.53	0	107.97	15.33	15.98	0	27.35	15.9	26.37	0	268.94	44.43	0	76.02	
24/12/2024 21:05	10.2	0	110.68	15.3	15.61	0	30.92	15.83	25.33	0	274.76	42.91	0	84.07	
24/12/2024 21:10	10.81	0	110.94	15.31	15.78	0	27.18	15.9	26.87	0	275.67	43.87	0	75.5	
24/12/2024 21:15	10.65	0	108.24	15.34	16.14	0	26.93	15.94	26.67	0	270.01	45.24	0	75.48	
24/12/2024 21:20	10.47	0	110.42	15.3	15.76	0	29.59	15.88	25.97	0	273.99	43.75	0	81.27	
24/12/2024 21:25	10.69	0	110.95	15.3	16.03	0	26.57	15.88	26.51	0	275.17	44.44	0	73.66	
24/12/2024 21:30	10.53	0	105.24	15.36	16.11	0	26.17	15.95	26.58	0	262.94	45.22	0	73.44	
24/12/2024 21:35	10.78	0	109.3	15.31	15.74	0	27.98	15.9	26.79	0	271.55	43.8	0	77.34	
24/12/2024 21:40	11.14	0	108.88	15.3	15.97	0	26.1	15.95	27.68	0	270.47	44.89	0	73.32	
24/12/2024 21:45	10.72	0	104.99	15.34	16.39	0	26.28	15.94	26.92	0	261.86	45.96	0	73.71	
24/12/2024 21:50	10.96	0	109.74	15.3	15.98	0	28.41	15.89	27.19	0	272.31	44.4	0	78.29	
24/12/2024 21:55	11.08	0	109.91	15.29	15.84	0	26.34	15.94	27.47	0	272.5	44.44	0	73.84	
24/12/2024 22:00	10.79	0	106.07	15.33	16.14	0	25.72	16	27.02	0	264	45.79	0	72.97	
24/12/2024 22:05	10.84	0	109.68	15.29	15.83	0	29.32	15.91	26.88	0	271.94	44.22	0	80.73	
24/12/2024 22:10	10.97	0	109.55	15.29	15.9	0	26.28	15.9	27.17	0	271.38	44.25	0	73.11	
24/12/2024 22:15	10.82	0	105.44	15.32	16.28	0	26.62	15.94	27.01	0	262.76	45.6	0	74.55	
24/12/2024 22:20	11.24	0	109.58	15.3	16	0	28.52	15.86	27.87	0	271.82	44.23	0	78.3	
24/12/2024 22:25	11.25	0	109.8	15.29	16.05	0	26.75	15.89	27.88	0	272.08	44.56	0	74.23	
24/12/2024 22:30	10.91	0	105.44	15.32	16.59	0	26.53	15.94	27.24	0	262.67	46.45	0	74.27	
24/12/2024 22:35	11.21	0	109.54	15.29	16.26	0	30.16	15.84	27.79	0	271.61	44.8	0	82.09	
24/12/2024 22:40	11.5	0	109.91	15.29	16.23	0	27.68	15.75	28.5	0	272.35	43.85	0	74.77	
24/12/2024 22:45	11.1	0	105.12	15.34	16.39	0	27.49	15.82	27.83	0	261.85	44.8	0	75.15	
24/12/2024 22:50	11	0	110.04	15.29	16.08	0	30.21	15.77	27.25	0	272.75	43.63	0	81.29	
24/12/2024 22:55	10.92	0	110.81	15.29	16.45	0	26.89	15.8	27.06	0	274.59	44.88	0	73.36	
24/12/2024 23:00	11.04	0	105.29	15.34	16.69	0	26.98	15.87	27.68	0	262.38	46.18	0	74.62	
24/12/2024 23:05	11.3	0	109.18	15.29	16.46	0	29.23	15.78	28.01	0	270.7	44.77	0	78.93	
24/12/2024 23:10	11.58	0	109.52	15.29	16.71	0	28.46	15.61	28.71	0	271.53	43.91	0	74.79	
24/12/2024 23:15	11.25	0	105.88	15.32	16.72	0	28.64	15.65	28.08	0	263.48	44.25	0	75.8	
24/12/2024 23:20	11.24	0	108.98	15.3	16.23	0	32.56	15.59	27.88	0	270.4	42.52	0	84.74	
24/12/2024 23:25	11.3	0	108.44	15.3	17.14	0	28.03	15.53	28.02	0	268.93	44.42	0	72.63	
24/12/2024 23:30	11.21	0	104.9	15.31	17.4	0	27.93	15.56	27.91	0	260.62	45.29	0	72.71	
24/12/2024 23:35	11.4	0	108.92	15.29	16.97	0	29.65	15.53	28.26	0	269.91	43.95	0	76.59	
24/12/2024 23:40	11.39	0	109.63	15.28	17	0	28.52	15.51	28.19	0	271.35	43.86	0	73.56	
24/12/2024 23:45	11.48	0	105.07	15.32	17.3	0	27.93	15.54	28.62	0	261.2	44.91	0	72.49	
24/12/2024 23:50	11.39	0	108.65	15.29	16.86	0	31	15.52	28.24	0	269.36	43.57	0	79.73	
24/12/2024 23:55	11.63	0	108.61	15.29	17.1	0	27.6	15.52	28.8	0	269.06	44.2	0	71.33	
25/12/2024 00:00	11.56	0	103.99	15.32	17.48	0	27.18	15.55	28.82	0	258.56	45.41	0	70.61	
25/12/2024 00:05	11.45	0	107.45	15.29	17.16	0	30.12	15.52	28.38	0	266.37	44.4	0	77.58	
25/12/2024 00:10	11.22	0	107.66	15.28	17.33	0	27.25	15.52	27.77	0	266.47	44.8	0	70.44	
25/12/2024 00:15	11.47	0	105.33	15.31	17.71	0	27.41	15.55	28.53	0	261.68	46.05	0	71.27	
25/12/2024 00:20	11.54	0	107.88	15.29	17.23	0	30.91	15.53	28.61	0	267.4	44.61	0	79.61	
25/12/2024 00:25	11.64	0	108.06	15.29	17.22	0	27.68	15.54	28.83	0	267.63	44.64	0	71.78	
25/12/2024 00:30	11.47	0	104.55												



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25/12/2024 01:30	11.57	0	103.36	15.3	17.44	0	28.18	15.51	28.78	0	256.49	44.95	0	72.62	
25/12/2024 01:35	11.53	0	107.17	15.28	17.1	0	29.96	15.48	28.52	0	265.13	43.91	0	76.75	
25/12/2024 01:40	11.67	0	106.38	15.28	17.4	0	27.69	15.49	28.86	0	263.01	44.69	0	71.13	
25/12/2024 01:45	11.46	0	103.82	15.3	17.53	0	28.13	15.51	28.5	0	257.53	45.21	0	72.56	
25/12/2024 01:50	11.45	0	107.94	15.29	17.07	0	31.41	15.49	28.35	0	267.21	43.86	0	80.36	
25/12/2024 01:55	11.58	0	108.61	15.28	17.25	0	28.28	15.49	28.63	0	268.61	44.29	0	72.6	
25/12/2024 02:00	11.48	0	104.44	15.3	17.58	0	27.99	15.51	28.55	0	259.02	45.36	0	72.22	
25/12/2024 02:05	11.54	0	108.11	15.28	17.08	0	31.46	15.49	28.55	0	267.55	43.89	0	80.48	
25/12/2024 02:10	11.69	0	108.42	15.28	17.33	0	28.1	15.49	28.91	0	268.22	44.57	0	72.25	
25/12/2024 02:15	11.42	0	105.18	15.3	17.31	0	29.19	15.52	28.38	0	260.82	44.76	0	75.48	
25/12/2024 02:20	11.19	0	108.83	15.28	16.83	0	30.94	15.5	27.68	0	269.15	43.36	0	79.54	
25/12/2024 02:25	11.36	0	109.08	15.28	17.14	0	28.14	15.51	28.08	0	269.62	44.23	0	72.6	
25/12/2024 02:30	11.42	0	104.64	15.3	17.51	0	27.9	15.54	28.37	0	259.26	45.42	0	72.37	
25/12/2024 02:35	11.22	0	108.61	15.27	17.11	0	31.58	15.51	27.72	0	268.37	44.14	0	81.07	
25/12/2024 02:40	10.97	0	108.41	15.27	17.23	0	27.97	15.51	27.08	0	267.66	44.46	0	72.19	
25/12/2024 02:45	11.24	0	105.28	15.3	17.38	0	28.55	15.54	27.92	0	260.83	45.11	0	74.09	
25/12/2024 02:50	11.35	0	109.06	15.27	16.93	0	30.85	15.52	28.04	0	269.39	43.76	0	79.41	
25/12/2024 02:55	11.66	0	108.73	15.27	16.97	0	28.06	15.52	28.77	0	268.4	43.83	0	72.44	
25/12/2024 03:00	11.42	0	105.09	15.29	17.2	0	27.39	15.54	28.33	0	260.12	44.57	0	71	
25/12/2024 03:05	11.17	0	108.92	15.27	16.62	0	31.2	15.51	27.57	0	268.9	42.88	0	80.05	
25/12/2024 03:10	11.05	0	109.89	15.27	16.99	0	28.85	15.51	27.25	0	271.1	43.82	0	74.41	
25/12/2024 03:15	11.23	0	106	15.28	17.46	0	27.43	15.54	27.82	0	262.14	45.25	0	71.08	
25/12/2024 03:20	11.4	0	108.2	15.27	17	0	30.85	15.51	28.13	0	266.97	43.84	0	79.16	
25/12/2024 03:25	11.53	0	107.92	15.26	17.11	0	28.74	15.52	28.44	0	266.17	44.19	0	74.25	
25/12/2024 03:30	11.38	0	105.03	15.29	17.3	0	29.38	15.56	28.24	0	259.84	45.03	0	76.47	
25/12/2024 03:35	11.48	0	108.58	15.27	16.71	0	33.05	15.52	28.32	0	267.9	43.21	0	84.97	
25/12/2024 03:40	11.58	0	108.28	15.26	17.14	0	28.71	15.5	28.56	0	267.06	44.16	0	73.94	
25/12/2024 03:45	11.29	0	103.95	15.28	17.32	0	27.97	15.53	27.95	0	257.07	44.86	0	72.44	
25/12/2024 03:50	11.21	0	108.56	15.26	16.71	0	31.7	15.5	27.66	0	267.72	43.04	0	81.22	
25/12/2024 03:55	11.06	0	109.56	15.26	17.11	0	29.02	15.51	27.25	0	269.92	44.11	0	74.78	
25/12/2024 04:00	11.41	0	104.33	15.29	17.52	0	28.23	15.54	28.33	0	258.14	45.41	0	73.17	
25/12/2024 04:05	11.39	0	108.65	15.26	17.08	0	31.37	15.5	28.09	0	267.97	44.04	0	80.48	
25/12/2024 04:10	11.67	0	108.63	15.26	17.15	0	28.56	15.48	28.75	0	267.61	44.02	0	73.29	
25/12/2024 04:15	11.57	0	104.23	15.28	17.64	0	26.92	15.51	28.65	0	257.59	45.45	0	69.36	
25/12/2024 04:20	11.58	0	105.37	15.27	17.32	0	30	15.48	28.58	0	259.93	44.42	0	76.6	
25/12/2024 04:25	11.34	0	106.05	15.26	17.62	0	25.13	15.49	27.97	0	261.47	45.28	0	64.58	
25/12/2024 04:30	11.82	0	101.25	15.29	17.9	0	25.2	15.52	29.31	0	250.42	46.24	0	65.07	
25/12/2024 04:35	11.92	0	104.38	15.26	17.33	0	29.04	15.49	29.4	0	257.36	44.54	0	74.19	
25/12/2024 04:40	12.13	0	104.53	15.26	17.56	0	24.81	15.5	29.87	0	257.52	45.22	0	63.88	
25/12/2024 04:45	12.05	0	100.95	15.28	18.14	0	24.61	15.52	29.86	0	249.69	46.87	0	63.6	
25/12/2024 04:50	11.83	0	103.53	15.27	17.69	0	29.27	15.51	29.19	0	255.41	45.62	0	74.98	
25/12/2024 04:55	11.88	0	103.66	15.27	17.34	0	25.14	15.6	29.3	0	255.72	45.46	0	65.89	
25/12/2024 05:00	11.71	0	101.8	15.29	17.45	0	25.85	15.6	29.07	0	251.91	45.77	0	67.79	
25/12/2024 05:05	11.67	0	106.01	15.27	16.95	0	29.02	15.58	28.81	0	261.72	44.36	0	75.46	
25/12/2024 05:10	11.67	0	106.44	15.27	17.08	0	24.97	15.65	28.79	0	262.58	45.23	0	66.09	
25/12/2024 05:15	11.63	0	102.87	15.29	17.31	0	25.45	15.67	28.9	0	254.6	46.03	0	67.65	
25/12/2024 05:20	11.64	0	105.46	15.27	16.84	0	28.71	15.63	28.72	0	260.27	44.49	0	75.3	
25/12/2024 05:25	11.8	0	105.58	15.26	17.03	0	25.79	15.66	29.09	0	260.39	45.17	0	68.38	
25/12/2024 05:30	11.69	0	103.13	15.28	17.15	0	25.97	15.65	28.97	0	254.85	45.43	0	68.82	
25/12/2024 05:35	11.68	0	106.12	15.26	16.7	0	27.96	15.61	28.8	0	261.63	43.97	0	73.26	
25/12/2024 05:40	11.59	0	106.97	15.26	16.98	0	26.74	15.6	28.55	0	263.45	44.56	0	70.15	
25/12/2024 05:45	11.5	0	103.86	15.28	16.95	0	27.34	15.61	28.49	0	256.64	44.54	0	71.85	
25/12/2024 05:50	11.46	0	107.39	15.26	16.59	0	30.35	15.57	28.24	0	264.66	43.35	0	78.79	
25/12/2024 05:55	11.25	0	106.8	15.25	16.88	0	27.4	15.57	27.7	0	262.96	44.05	0	71.5	
25/12/2024 06:00	11.22	0	102.35	15.28	17.08	0	27.54	15.59	27.77	0	252.84	44.72	0	72.12	
25/12/2024 06:05	11.35	0	108.91	15.26	16.58	0	30.69	15.57	27.96	0	268.24	43.27	0	79.6	
25/12/2024 06:10	11.36	0	109.52	15.25	16.57	0	27.62	15.61	27.95	0	269.5	43.54	0	72.6	
25/12/2024 06:15	11.43	0	104.37	15.29	16.78	0	27.19	15.63	28.36	0	258.06	44.22	0	71.69	
25/12/2024 06:20	11.43	0	107.74	15.26	16.5	0	30.96	15.58	28.19	0	265.65	43.14	0	80.39	
25/12/2024 06:25	11.67	0	107.56	15.26	16.82	0	26.95	15.58	28.76	0	265.06	43.93	0	70.36	
25/12/2024 06:30	11.52	0	104.33	15.29	17.19	0	27.57	15.6	28.56	0	257.9	45.13	0	72.37	
25/12/2024 06:35	11.31	0	108.08	15.26	16.64	0	30.98	15.58	27.89	0	266.49	43.52	0	80.48	
25/12/2024 06:40	11.17	0	108.25	15.26	16.74	0	27.53	15.61	27.52	0	266.61	44.02	0	72.39	
25/12/2024 06:45	11.15	0	106.4	15.28	16.66	0	27.44	15.64	27.65	0	263.11	44.01	0	72.49	
25/12/2024 06:50	11.18	0	109.8	15.26	16.31	0	31.6	15.61	27.56	0	270.75	42.87	0	82.93	
25/12/2024 06:55	11.03	0	110.22	15.26	16.54	0	27.49	15.62	27.18	0	271.61	43.55	0	72.35	
25/12/2024 07:00	11.09	0	106.19	15.29	17.2	0	27.63	15.63	27.52	0	262.54	45.36	0	72.86	
25/12/2024 07:05	11.06	0	109.62	15.26	16.64	0	31.39	15.59	27.26	0	270.13	43.63	0	81.68	
25/12/2024 07:10	11.08	0	110.16	15.25	16.75	0	27.57	15.6	27.28	0	271.23	43.92	0	72.29	
25/12/2024 07:15	11.07	0	106.58	15.28	16.89	0	27.22	15.62	27.43	0	263.34	44.5	0	71.71	
25/12/2024 07:20	11.02	0	108.72	15.26	16.39	0	30.82	15.59	27.16	0	268.03	42.95	0	80.18	
25/12/2024 07:25	11.28	0	108.56	15.25	16.71	0	27.84	15.61	27.78	0	267.3	43.96	0	73.23	
25/12/2024 07:30	10.94	0	106.02	15.3	16.88	0	27.63	15.64	27.16	0	262.55	44.59	0	73	
25/12/2024 07:35	10.99	0	109.54	15.27	16.42	0	29.97	15.61	27.13	0	270.32	43.2	0	78.44	
25/12/2024 07:40	10.69	0	109.03	15.26	16.62	0	27.7	15.64	26.34	0	268.76	43.91	0	73.16	
25/12/2024 07:45	10.9	0	106.3	15.29	16.72	0	28.24	15.68	27.06	0	262.97	44.53	0	75.18	
25/12/2024 07:50	11.09	0	109.64	15.27	16.35	0	31.17	15.64	27.36	0	270.5	43.27	0	81.92	
25/12/2024 07:55	11.09	0	110.42	15.26	16.48	0	27.76	15.65	27.34	0	272.11	43.64	0	73.5	
25/12/2															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25/12/2024 09:00	11.11	0	106.97	15.3	17.03	0	27.41	15.67	27.61	0	264.97	45.29	0	72.88	
25/12/2024 09:05	10.91	0	109.75	15.27	16.67	0	28.64	15.64	26.94	0	271	44.11	0	75.59	
25/12/2024 09:10	10.8	0	109.73	15.27	16.48	0	28.13	15.65	26.64	0	270.71	43.61	0	74.42	
25/12/2024 09:15	11.09	0	105.8	15.31	16.82	0	27.86	15.66	27.62	0	262.43	44.57	0	73.84	
25/12/2024 09:20	11.16	0	109.95	15.28	16.45	0	32.66	15.6	27.59	0	271.71	43.18	0	84.98	
25/12/2024 09:25	11.56	0	109.98	15.27	16.7	0	28.23	15.59	28.55	0	271.56	43.75	0	73.94	
25/12/2024 09:30	11.01	0	106.31	15.3	16.98	0	27.67	15.61	27.39	0	263.6	44.59	0	72.66	
25/12/2024 09:35	10.86	0	109.95	15.28	16.52	0	30.53	15.58	26.87	0	271.96	43.22	0	79.43	
25/12/2024 09:40	10.92	0	110.36	15.28	16.48	0	27.65	15.63	26.99	0	272.71	43.48	0	72.95	
25/12/2024 09:45	10.85	0	106.55	15.31	17.11	0	27.91	15.65	27	0	264.29	45.29	0	73.88	
25/12/2024 09:50	10.92	0	109	15.29	16.71	0	30.94	15.62	27.04	0	269.97	44.02	0	81.01	
25/12/2024 09:55	10.98	0	108.52	15.28	16.68	0	27.4	15.66	27.18	0	268.53	44.25	0	72.68	
25/12/2024 10:00	10.71	0	105.51	15.31	16.94	0	27.7	15.66	26.72	0	262.13	44.97	0	73.53	
25/12/2024 10:05	10.79	0	109.35	15.29	16.66	0	31.76	15.59	26.74	0	270.92	43.68	0	82.68	
25/12/2024 10:10	10.98	0	108.97	15.29	17.4	0	27.82	15.48	27.2	0	269.87	44.6	0	71.3	
25/12/2024 10:15	10.93	0	104.99	15.31	17.55	0	27.43	15.49	27.2	0	260.71	45.07	0	70.45	
25/12/2024 10:20	10.87	0	108.97	15.29	17.06	0	30.93	15.51	26.96	0	270.15	44	0	79.5	
25/12/2024 10:25	10.92	0	109.38	15.29	16.44	0	27.1	15.76	27.04	0	270.8	44.48	0	73.28	
25/12/2024 10:30	10.91	0	104.67	15.33	17.04	0	27.04	15.73	27.32	0	260.56	45.86	0	72.76	
25/12/2024 10:35	10.77	0	109.26	15.3	16.75	0	28.66	15.65	26.73	0	271.11	44.44	0	75.67	
25/12/2024 10:40	10.5	0	109.09	15.29	17.15	0	28.1	15.48	26.03	0	270.48	44.01	0	72.13	
25/12/2024 10:45	10.49	0	106.12	15.31	17.02	0	28.01	15.51	26.13	0	263.8	43.89	0	72.22	
25/12/2024 10:50	10.84	0	109.33	15.3	16.36	0	31.53	15.53	26.89	0	271.35	42.39	0	81.33	
25/12/2024 10:55	10.78	0	109.09	15.3	16.56	0	26.63	15.73	26.75	0	270.64	44.56	0	71.65	
25/12/2024 11:00	10.6	0	106.11	15.33	16.37	0	27.15	15.76	26.51	0	264.31	44.24	0	73.39	
25/12/2024 11:05	10.79	0	109.61	15.31	15.97	0	30.84	15.72	26.83	0	272.51	42.91	0	82.17	
25/12/2024 11:10	10.39	0	109.06	15.3	16.19	0	26.19	15.86	25.8	0	270.78	44.69	0	72.26	
25/12/2024 11:15	10.38	0	106.65	15.34	16.44	0	26.77	15.9	26.04	0	266.17	45.69	0	74.39	
25/12/2024 11:20	11.14	0	109.47	15.31	16.01	0	30.26	15.86	27.72	0	272.32	44.27	0	82.72	
25/12/2024 11:25	11.58	0	109.33	15.31	16.09	0	25.71	15.96	28.8	0	271.98	45.31	0	72.33	
25/12/2024 11:30	11.16	0	105.56	15.36	16.55	0	25.67	15.94	28.09	0	263.83	46.37	0	71.91	
25/12/2024 11:35	10.91	0	109.36	15.31	16.03	0	29.38	15.88	27.1	0	271.73	44.49	0	80.4	
25/12/2024 11:40	11	0	109.48	15.3	16.09	0	25.67	15.96	27.29	0	271.6	45.24	0	72.16	
25/12/2024 11:45	10.7	0	105.25	15.34	16.1	0	25.97	15.96	26.87	0	262.49	45.3	0	73.04	
25/12/2024 11:50	10.55	0	108.51	15.3	15.65	0	29.53	15.91	26.21	0	269.56	43.67	0	81.29	
25/12/2024 11:55	10.48	0	107.86	15.3	16.08	0	25.34	15.98	26.05	0	267.95	45.49	0	71.65	
25/12/2024 12:00	10.43	0	104.52	15.36	16.55	0	25.55	15.98	26.33	0	261.34	46.79	0	72.26	
25/12/2024 12:05	10.9	0	108.52	15.3	16.03	0	29.06	15.91	27.07	0	269.49	44.79	0	80.05	
25/12/2024 12:10	10.63	0	107.45	15.29	16.24	0	25.92	15.84	26.32	0	266.19	44.6	0	71.17	
25/12/2024 12:15	11	0	104.63	15.33	16.85	0	26.19	15.81	27.53	0	260.65	46	0	71.48	
25/12/2024 12:20	10.64	0	108.53	15.3	16.23	0	29.5	15.79	26.42	0	269.46	44.16	0	79.49	
25/12/2024 12:25	10.75	0	107.98	15.3	16.23	0	25.5	15.87	26.68	0	267.96	44.89	0	70.54	
25/12/2024 12:30	10.92	0	102.66	15.35	16.24	0	26.63	15.81	27.43	0	255.94	44.36	0	72.73	
25/12/2024 12:35	10.62	0	108.79	15.3	15.96	0	29.66	15.77	26.37	0	270.26	43.27	0	79.67	
25/12/2024 12:40	11.2	0	108.69	15.31	16.42	0	26.88	15.76	27.84	0	270.08	44.36	0	72.62	
25/12/2024 12:45	10.67	0	105.25	15.34	16.95	0	27.12	15.74	26.73	0	262.4	45.64	0	73.03	
25/12/2024 12:50	10.48	0	109.42	15.3	16.72	0	30.99	15.73	26.03	0	271.69	44.99	0	83.26	
25/12/2024 12:55	11.11	0	110.17	15.3	16.02	0	26.55	15.89	27.58	0	273.54	44.5	0	73.71	
25/12/2024 13:00	10.49	0	105.51	15.34	16.3	0	26.29	15.94	26.31	0	262.81	45.7	0	73.68	
25/12/2024 13:05	9.78	0	109.18	15.3	15.69	0	29.07	15.92	24.29	0	271.06	43.89	0	80.29	
25/12/2024 13:10	9.02	0	108.69	15.29	15.56	0	25.44	16.14	22.35	0	269.4	45.45	0	74.28	
25/12/2024 13:15	10.11	0	104.77	15.35	15.48	0	25.35	16.23	25.46	0	261.35	46.08	0	75.46	
25/12/2024 13:20	10.43	0	109.25	15.3	15.12	0	29.37	16.1	25.86	0	270.99	43.99	0	83.75	
25/12/2024 13:25	10.16	0	108.55	15.29	15.66	0	25.83	15.98	25.16	0	268.9	44.28	0	72.98	
25/12/2024 13:30	10.17	0	105.4	15.34	15.86	0	26.3	15.91	25.5	0	262.59	44.15	0	73.19	
25/12/2024 13:35	10.16	0	110	15.3	15.55	0	29.36	15.87	25.21	0	272.79	43	0	80.34	
25/12/2024 13:40	10.91	0	110.47	15.3	15.72	0	25.69	15.99	27.06	0	274.05	44.48	0	72.68	
25/12/2024 13:45	10.67	0	106.35	15.34	15.85	0	25.19	15.97	26.78	0	264.98	44.67	0	70.97	
25/12/2024 13:50	10.64	0	108.59	15.29	15.47	0	29.63	15.87	26.38	0	269.17	42.86	0	80.77	
25/12/2024 13:55	11.2	0	107.75	15.3	16.3	0	26.24	15.82	27.78	0	267.23	44.65	0	71.88	
25/12/2024 14:00	10.78	0	104.89	15.32	16.76	0	25.99	15.77	26.95	0	260.93	45.37	0	70.37	
25/12/2024 14:05	10.98	0	108.65	15.29	16.41	0	29.24	15.75	27.21	0	269.4	44.32	0	78.24	
25/12/2024 14:10	11.55	0	109.45	15.29	15.94	0	25.46	15.92	28.61	0	271.22	44.53	0	71.08	
25/12/2024 14:15	10.43	0	105.62	15.33	16.59	0	26.88	15.83	26.14	0	262.99	45.44	0	73.64	
25/12/2024 14:20	10.61	0	109.43	15.29	16.04	0	30.21	15.81	26.33	0	271.37	43.83	0	81.7	
25/12/2024 14:25	9.73	0	109.09	15.29	15.66	0	24.97	16.1	24.11	0	270.18	45.46	0	72.37	
25/12/2024 14:30	10.37	0	104.77	15.33	15.69	0	24.46	16.15	25.97	0	261.45	45.94	0	71.58	
25/12/2024 14:35	10.75	0	109	15.3	15.24	0	28.63	16.08	26.67	0	270.54	44.12	0	81.21	
25/12/2024 14:40	11.47	0	108.67	15.3	15.07	0	23.85	16.3	28.46	0	269.66	45.63	0	72.18	
25/12/2024 14:45	10.76	0	106.11	15.35	15.74	0	24.59	16.23	27.05	0	264.76	46.8	0	73.13	
25/12/2024 14:50	10.42	0	109.88	15.3	15.36	0	28.16	16.17	25.86	0	272.8	45.23	0	81.31	
25/12/2024 14:55	11.33	0	110.66	15.31	14.72	0	22.35	16.58	28.16	0	275.05	47.48	0	71.94	
25/12/2024 15:00	10.81	0	105.87	15.38	14.78	0	21.65	16.81	27.46	0	264.75	50.22	0	73.57	
25/12/2024 15:05	10.72	0	110	15.3	14.73	0	24.05	16.63	26.61	0	273.12	48.32	0	77.17	
25/12/2024 15:10	11.53	0	110.23	15.3	14.53	0	22.42	16.57	28.63	0	273.69	46.88	0	72.09	
25/12/2024 15:15	10.83	0	106.16	15.39	14.75	0	21.74	16.68	27.56	0	266.33	48.64	0	71.68	
25/12/2024 15:20	10.44	0	110.65	15.31	14.54	0	26.1	16.5	25.97	0	275.24	46.28	0	80.23	
25/12/2024 15:25	10.56	0	110.77	15.31	14.48	0	21.84	16.73	26.27	0	275.47	48.57	0	72.91	
25/12/2024 15:30	10.45	0													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
25/12/2024 16:30	10.01	0	105.21	15.4	14.32	0	21.83	16.78	25.52	0	263.96	48.29	0	73.61	
25/12/2024 16:35	10.81	0	109.94	15.32	14.19	0	26.35	16.53	26.94	0	274.08	45.55	0	81.65	
25/12/2024 16:40	10.7	0	110.39	15.32	15.05	0	23.49	16.4	26.67	0	275.08	46.63	0	72.62	
25/12/2024 16:45	9.86	0	104.9	15.38	14.54	0	21.69	16.76	25.03	0	264.12	48.84	0	72.83	
25/12/2024 16:50	10.75	0	108.89	15.32	14.57	0	26.47	16.55	26.79	0	271.32	46.85	0	84.69	
25/12/2024 16:55	10.89	0	108.56	15.32	15.65	0	24.92	16.11	27.11	0	270.22	45.47	0	72.35	
25/12/2024 17:00	10.27	0	105.37	15.37	15.55	0	24.56	16.23	25.93	0	263.66	46.26	0	73.06	
25/12/2024 17:05	10.82	0	109	15.32	15.36	0	28.54	16.13	26.93	0	271.36	44.87	0	83.13	
25/12/2024 17:10	11.08	0	109.27	15.31	15.84	0	24.53	16.04	27.56	0	271.82	45.29	0	70.15	
25/12/2024 17:15	10.7	0	105.08	15.34	16	0	25.02	16.03	26.82	0	262.64	45.66	0	71.4	
25/12/2024 17:20	10.51	0	108.08	15.31	15.58	0	28.26	15.98	26.12	0	268.58	44.14	0	78.91	
25/12/2024 17:25	10.75	0	108.28	15.3	15.76	0	24.11	16.06	26.7	0	268.92	45.3	0	69.25	
25/12/2024 17:30	11.8	0	97.88	15.33	16.01	0	23.94	16.14	29.58	0	243.35	46.81	0	69.96	
25/12/2024 17:35	12.06	0	100.47	15.26	15.76	0	27.34	16.06	29.7	0	247.47	45.42	0	77.4	
25/12/2024 17:40	12.61	0	100.81	15.26	15.24	0	23.08	16.31	31.07	0	248.43	46.3	0	69.94	
25/12/2024 17:45	11.84	0	97.09	15.33	15.45	0	22.46	16.44	29.69	0	240.85	48.16	0	69.99	
25/12/2024 17:50	12.43	0	99.05	15.26	15.44	0	26.8	16.26	30.66	0	244.25	46.55	0	78.56	
25/12/2024 17:55	13.03	0	96.75	15.26	15.38	0	22.53	16.29	32.13	0	238.55	46.45	0	67.88	
25/12/2024 18:00	11.47	0	100.64	15.39	15.03	0	21.47	16.55	29.15	0	252.48	48.01	0	68.56	
25/12/2024 18:05	10.93	0	106.84	15.31	14.92	0	26.06	16.33	27.19	0	265.83	45.82	0	77.43	
25/12/2024 18:10	11.47	0	107.52	15.32	16.07	0	24.43	15.99	28.55	0	267.62	45.59	0	69.25	
25/12/2024 18:15	11.13	0	105.23	15.35	16.09	0	24.07	16.14	28.01	0	263.24	47.02	0	70.35	
25/12/2024 18:20	10.74	0	107.55	15.3	15.72	0	28.59	16.01	26.69	0	267.13	44.87	0	79.94	
25/12/2024 18:25	10.84	0	107.02	15.3	16.39	0	25.03	15.88	26.91	0	265.55	45.46	0	69.39	
25/12/2024 18:30	10.83	0	104.07	15.34	16.51	0	24.35	16.02	27.19	0	259.6	46.98	0	69.32	
25/12/2024 18:35	11.11	0	106.89	15.31	16.16	0	29.27	15.95	27.6	0	265.63	45.45	0	81.76	
25/12/2024 18:40	10.84	0	106.91	15.31	16.36	0	25.61	15.89	26.95	0	265.73	45.45	0	71.1	
25/12/2024 18:45	11.33	0	103.24	15.35	16.92	0	25.49	15.96	28.51	0	257.89	47.6	0	71.7	
25/12/2024 18:50	11.35	0	107.48	15.3	16.5	0	29.55	15.9	28.2	0	266.92	45.97	0	82.07	
25/12/2024 18:55	11.59	0	107.28	15.3	16.25	0	25.82	15.96	28.76	0	266.14	45.72	0	72.61	
25/12/2024 19:00	11.11	0	103.88	15.35	16.56	0	26.05	15.96	27.92	0	259.2	46.62	0	73.32	
25/12/2024 19:05	11.34	0	108.24	15.3	16.31	0	30.02	15.8	28.13	0	268.58	44.61	0	81.05	
25/12/2024 19:10	11.67	0	108.42	15.3	17.51	0	28.76	15.39	28.96	0	268.97	44.16	0	72.53	
25/12/2024 19:15	10.77	0	105.13	15.31	17.66	0	28.88	15.41	26.78	0	261.17	44.72	0	73.13	
25/12/2024 19:20	11.35	0	108.84	15.3	17.16	0	32.28	15.4	28.19	0	270.36	43.39	0	81.43	
25/12/2024 19:25	11.42	0	108.91	15.3	17.31	0	29.11	15.4	28.35	0	270.32	43.78	0	73.61	
25/12/2024 19:30	11.31	0	102.93	15.32	17.44	0	28.96	15.42	28.15	0	256.07	44.21	0	73.42	
25/12/2024 19:35	10.63	0	108.77	15.3	16.85	0	32.12	15.42	26.38	0	269.97	42.73	0	81.27	
25/12/2024 19:40	11	0	109.2	15.3	17.08	0	28.31	15.48	27.31	0	271.13	43.77	0	72.54	
25/12/2024 19:45	11.1	0	105.78	15.32	17.16	0	28.11	15.49	27.67	0	263.13	44.13	0	72.28	
25/12/2024 19:50	11.13	0	108.94	15.3	16.63	0	32.62	15.48	27.64	0	270.53	42.68	0	83.33	
25/12/2024 19:55	11.42	0	108.61	15.3	17.01	0	28.2	15.54	28.34	0	269.51	44.09	0	73.1	
25/12/2024 20:00	10.93	0	105.54	15.32	17.46	0	28.32	15.57	27.29	0	262.74	45.54	0	73.87	
25/12/2024 20:05	11.03	0	108.93	15.3	16.94	0	29.65	15.55	27.38	0	270.48	44.03	0	76.88	
25/12/2024 20:10	10.22	0	108.41	15.29	17.21	0	27.78	15.57	25.32	0	268.63	44.87	0	72.42	
25/12/2024 20:15	10.8	0	105.58	15.32	17.13	0	27.47	15.59	26.97	0	262.74	44.84	0	71.9	
25/12/2024 20:20	11.23	0	109.59	15.3	16.63	0	31.23	15.56	27.89	0	272.23	43.36	0	80.96	
25/12/2024 20:25	11.72	0	109.53	15.3	16.85	0	27.71	15.59	29.1	0	272.02	44.14	0	72.61	
25/12/2024 20:30	11.19	0	105.64	15.33	16.86	0	27.91	15.63	27.98	0	263.21	44.44	0	73.56	
25/12/2024 20:35	10.76	0	109.25	15.3	16.33	0	31.41	15.59	26.7	0	271.21	42.8	0	81.8	
25/12/2024 20:40	10.36	0	108.81	15.29	16.92	0	27.88	15.59	25.68	0	269.79	44.33	0	73.04	
25/12/2024 20:45	10.65	0	106.54	15.32	17.34	0	27.51	15.61	26.58	0	265.25	45.59	0	72.32	
25/12/2024 20:50	10.95	0	109.29	15.3	16.91	0	29.56	15.59	27.19	0	271.38	44.3	0	77.11	
25/12/2024 20:55	10.58	0	109.02	15.3	16.83	0	27.45	15.59	26.24	0	270.44	44.09	0	71.94	
25/12/2024 21:00	10.73	0	106.05	15.32	17.5	0	27.91	15.62	26.77	0	263.77	46.1	0	73.51	
25/12/2024 21:05	10.84	0	109.31	15.3	16.98	0	31.32	15.59	26.89	0	271.25	44.53	0	81.59	
25/12/2024 21:10	11.28	0	109.8	15.3	16.84	0	27.66	15.62	27.99	0	272.38	44.34	0	72.78	
25/12/2024 21:15	10.86	0	105.85	15.32	16.87	0	27.77	15.63	27.08	0	263.27	44.47	0	73.23	
25/12/2024 21:20	11.22	0	109.5	15.3	16.37	0	31.3	15.59	27.86	0	271.82	42.9	0	81.53	
25/12/2024 21:25	11.47	0	109.34	15.3	17.01	0	27.65	15.6	28.46	0	271.33	44.63	0	72.55	
25/12/2024 21:30	11.16	0	106.22	15.32	17.23	0	28.43	15.62	27.86	0	264.41	45.35	0	74.85	
25/12/2024 21:35	11.22	0	109.34	15.3	16.8	0	31.1	15.58	27.86	0	271.57	43.95	0	80.98	
25/12/2024 21:40	11.86	0	109.73	15.3	17.17	0	27.48	15.56	29.44	0	272.45	44.72	0	71.56	
25/12/2024 21:45	11.11	0	105.11	15.32	17.42	0	27.3	15.58	27.71	0	261.33	45.53	0	71.37	
25/12/2024 21:50	11.09	0	108.57	15.3	16.84	0	30.59	15.56	27.52	0	269.39	43.86	0	79.24	
25/12/2024 21:55	11.17	0	109.09	15.3	17.11	0	27.45	15.6	27.71	0	270.56	44.92	0	72.06	
25/12/2024 22:00	11.32	0	104.94	15.33	17.27	0	27.57	15.64	28.28	0	261.31	45.66	0	72.87	
25/12/2024 22:05	11.11	0	108.49	15.29	16.73	0	30.28	15.61	27.56	0	269.02	44.01	0	79.21	
25/12/2024 22:10	11.25	0	108.44	15.28	17.14	0	27.51	15.64	27.85	0	268.41	45.32	0	72.71	
25/12/2024 22:15	11.37	0	105.16	15.32	17.32	0	27.28	15.7	28.35	0	261.33	46.28	0	72.87	
25/12/2024 22:20	11.24	0	108.34	15.29	17.03	0	31.38	15.63	27.84	0	268.43	44.99	0	82.24	
25/12/2024 22:25	11.73	0	108.39	15.29	17.15	0	27.47	15.63	29.06	0	268.44	45.25	0	72.46	
25/12/2024 22:30	11.59	0	104.1	15.32	17.67	0	26.8	15.67	28.95	0	258.94	46.93	0	71.19	
25/12/2024 22:35	11.29	0	107.87	15.29	17.31	0	31.61	15.62	28	0	267.46	45.61	0	83.05	
25/12/2024 22:40	11.33	0	107.72	15.29	17.02	0	28.17	15.58	28.07	0	266.93	44.53	0	73.68	
25/12/2024 22:45	11.67	0	104.31	15.32	17.51	0	27.48	15.64	29.12	0	259.42	46.25	0	72.58	
25/12/2024 22:50	11.4	0	108.18	15.29	17.04	0	31.14	15.59	28.25	0	268.01	44.68	0	81.09	
25/12/2024 22:55	11.41	0	109.09	15.28	17.21	0	27.13	15.59	28.23	0	270.03	45.02	0	70.97	
25/12/2024 23:00	11.52														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
26/12/2024 00:00	11.44	0	102.09	15.3	17.69	0	29.13	15.5	28.4	0	253.12	45.55	0	75.02	
26/12/2024 00:05	11.65	0	107.36	15.28	17.26	0	31.25	15.48	28.84	0	265.77	44.3	0	80	
26/12/2024 00:10	11.73	0	107.33	15.28	17.41	0	28.69	15.47	29.04	0	265.59	44.6	0	73.5	
26/12/2024 00:15	11.75	0	104.54	15.3	17.63	0	28.93	15.5	29.19	0	259.36	45.34	0	74.43	
26/12/2024 00:20	11.67	0	107.32	15.29	17.21	0	31.87	15.47	28.9	0	265.69	44.1	0	81.38	
26/12/2024 00:25	11.89	0	107.36	15.28	17.25	0	28.73	15.46	29.41	0	265.52	44.1	0	73.45	
26/12/2024 00:30	11.81	0	103.21	15.3	17.78	0	27.18	15.49	29.36	0	256.04	45.64	0	69.78	
26/12/2024 00:35	11.64	0	106.78	15.28	17.21	0	30.71	15.46	28.81	0	264.21	44.02	0	78.25	
26/12/2024 00:40	11.84	0	106.75	15.28	17.34	0	27.86	15.46	29.29	0	264.01	44.33	0	71.24	
26/12/2024 00:45	11.73	0	103.38	15.3	17.81	0	28.58	15.49	29.17	0	256.39	45.76	0	73.42	
26/12/2024 00:50	11.41	0	107.32	15.28	17.26	0	32.22	15.46	28.23	0	265.54	44.16	0	82.13	
26/12/2024 00:55	11.28	0	106.91	15.28	17.3	0	29.52	15.45	27.89	0	264.32	44.11	0	75.25	
26/12/2024 01:00	11.26	0	104.21	15.29	17.41	0	29.61	15.47	27.95	0	258.19	44.57	0	75.81	
26/12/2024 01:05	11.43	0	107.85	15.28	16.85	0	33.33	15.45	28.29	0	266.83	43.02	0	84.77	
26/12/2024 01:10	11.72	0	107.92	15.28	17.21	0	29.1	15.47	28.98	0	266.91	44.04	0	74.47	
26/12/2024 01:15	11.42	0	103.28	15.3	17.39	0	29.83	15.5	28.35	0	256.18	44.79	0	76.83	
26/12/2024 01:20	11.39	0	107.44	15.28	17.02	0	31.84	15.48	28.17	0	265.86	43.67	0	81.47	
26/12/2024 01:25	11.73	0	107.81	15.28	17.3	0	28.54	15.48	29.03	0	266.71	44.38	0	73.23	
26/12/2024 01:30	11.54	0	104.16	15.3	17.52	0	29.4	15.52	28.67	0	258.32	45.28	0	75.98	
26/12/2024 01:35	11.42	0	107.3	15.28	17.16	0	32.08	15.5	28.25	0	265.49	44.18	0	82.28	
26/12/2024 01:40	11.53	0	108.2	15.28	17.28	0	28.52	15.49	28.5	0	267.46	44.36	0	73.23	
26/12/2024 01:45	11.61	0	103.98	15.3	17.52	0	29.34	15.52	28.86	0	257.9	45.27	0	75.8	
26/12/2024 01:50	11.37	0	107.39	15.28	17	0	32.86	15.49	28.13	0	265.74	43.71	0	84.1	
26/12/2024 01:55	11.33	0	106.95	15.28	17.31	0	28.34	15.48	28.02	0	264.51	44.41	0	72.71	
26/12/2024 02:00	11.4	0	104.2	15.3	17.26	0	28.16	15.52	28.31	0	258.25	44.58	0	72.74	
26/12/2024 02:05	11.54	0	108.19	15.28	16.85	0	29.26	15.49	28.55	0	267.59	43.36	0	75.14	
26/12/2024 02:10	11.53	0	108.72	15.28	17.21	0	28.82	15.48	28.5	0	268.66	44.1	0	73.85	
26/12/2024 02:15	11.56	0	104.44	15.3	17.53	0	28.6	15.51	28.7	0	258.78	45.2	0	73.76	
26/12/2024 02:20	11.32	0	108.01	15.28	17.09	0	30.91	15.49	27.98	0	267.02	43.92	0	79.21	
26/12/2024 02:25	11.23	0	107.67	15.27	16.99	0	29.52	15.48	27.74	0	265.85	43.61	0	75.74	
26/12/2024 02:30	11.31	0	103.73	15.3	17.29	0	28.9	15.52	28.12	0	257.12	44.65	0	74.6	
26/12/2024 02:35	11.28	0	108.52	15.28	16.72	0	32.73	15.49	27.9	0	268.46	42.97	0	83.72	
26/12/2024 02:40	11.31	0	108.59	15.28	17.1	0	29.5	15.49	27.96	0	268.42	43.94	0	75.8	
26/12/2024 02:45	11.33	0	104.91	15.3	17.17	0	29.72	15.52	28.14	0	260.09	44.35	0	76.76	
26/12/2024 02:50	11.12	0	108.7	15.28	16.62	0	33.07	15.49	27.52	0	268.97	42.75	0	84.69	
26/12/2024 02:55	11.19	0	109.2	15.28	16.91	0	29.77	15.5	27.65	0	269.93	43.5	0	76.56	
26/12/2024 03:00	11.18	0	104.49	15.31	17.14	0	30.03	15.53	27.81	0	259.34	44.36	0	77.73	
26/12/2024 03:05	11.24	0	108.69	15.29	16.53	0	33.72	15.5	27.82	0	269.15	42.6	0	86.52	
26/12/2024 03:10	11.28	0	108.83	15.28	16.84	0	30.25	15.5	27.92	0	269.3	43.36	0	77.89	
26/12/2024 03:15	11.27	0	105.5	15.3	17.08	0	30.14	15.53	28.01	0	261.66	44.21	0	78.01	
26/12/2024 03:20	11.14	0	108.75	15.28	16.66	0	32.94	15.5	27.54	0	268.98	42.94	0	84.56	
26/12/2024 03:25	11.39	0	108.77	15.28	16.82	0	30.38	15.5	28.16	0	268.85	43.28	0	78.18	
26/12/2024 03:30	11.34	0	105.05	15.3	17	0	29.86	15.53	28.19	0	260.48	44.01	0	77.31	
26/12/2024 03:35	11.13	0	109.27	15.28	16.56	0	32.72	15.5	27.51	0	270.13	42.7	0	84.02	
26/12/2024 03:40	10.95	0	109.91	15.27	16.6	0	30.74	15.51	27.06	0	271.52	42.82	0	79.28	
26/12/2024 03:45	10.76	0	106.37	15.3	16.47	0	30.93	15.54	26.75	0	263.74	42.71	0	80.21	
26/12/2024 03:50	10.35	0	111.09	15.28	15.98	0	34.02	15.51	25.61	0	274.79	41.27	0	87.47	
26/12/2024 03:55	10.2	0	111.11	15.28	16.03	0	31	15.51	25.22	0	274.64	41.36	0	79.98	
26/12/2024 04:00	10.3	0	107.37	15.3	16.2	0	31.14	15.55	25.57	0	266	42.09	0	80.91	
26/12/2024 04:05	10.31	0	110.94	15.28	15.7	0	33.32	15.52	25.49	0	274.22	40.61	0	85.87	
26/12/2024 04:10	10.44	0	111.08	15.27	16.01	0	30.79	15.51	25.77	0	274.26	41.3	0	79.43	
26/12/2024 04:15	10.39	0	107.18	15.3	15.74	0	32.13	15.55	25.83	0	265.79	40.85	0	83.4	
26/12/2024 04:20	10.35	0	110.81	15.28	15.27	0	35.42	15.52	25.6	0	274.03	39.45	0	91.14	
26/12/2024 04:25	10.56	0	110.13	15.27	15.82	0	31.62	15.51	26.09	0	272.06	40.83	0	81.59	
26/12/2024 04:30	10.37	0	107.44	15.3	16.19	0	31.46	15.55	25.78	0	266.4	42.05	0	81.7	
26/12/2024 04:35	10.37	0	110.86	15.28	15.67	0	35.34	15.52	25.65	0	274.24	40.5	0	90.86	
26/12/2024 04:40	10.52	0	110.75	15.28	15.81	0	31.36	15.52	25.99	0	273.68	40.82	0	80.99	
26/12/2024 04:45	10.33	0	107.14	15.3	15.95	0	31.18	15.54	25.69	0	265.79	41.37	0	80.87	
26/12/2024 04:50	10.36	0	110.63	15.28	15.58	0	33.73	15.51	25.61	0	273.53	40.25	0	86.81	
26/12/2024 04:55	10.47	0	110.72	15.28	15.83	0	31.93	15.51	25.87	0	273.6	40.87	0	82.39	
26/12/2024 05:00	10.25	0	107.96	15.29	15.86	0	30.96	15.54	25.45	0	267.34	41.11	0	80.28	
26/12/2024 05:05	10.35	0	111.01	15.27	15.49	0	33.97	15.51	25.58	0	274.21	39.97	0	87.25	
26/12/2024 05:10	10.5	0	110.91	15.27	15.8	0	31.75	15.5	25.9	0	273.61	40.65	0	81.68	
26/12/2024 05:15	10.3	0	106.23	15.29	15.93	0	31.29	15.52	25.54	0	263.02	41.2	0	80.92	
26/12/2024 05:20	10.28	0	110.82	15.28	15.49	0	34.39	15.5	25.42	0	273.98	39.92	0	88.25	
26/12/2024 05:25	10.41	0	111.27	15.28	15.74	0	31.15	15.51	25.73	0	275.1	40.6	0	80.33	
26/12/2024 05:30	10.34	0	107.67	15.3	15.74	0	31.87	15.54	25.68	0	266.85	40.8	0	82.59	
26/12/2024 05:35	10.46	0	110.33	15.27	15.32	0	34.87	15.5	25.82	0	272.39	39.49	0	89.49	
26/12/2024 05:40	10.75	0	110.09	15.26	15.83	0	30.99	15.49	26.51	0	271.45	40.71	0	79.67	
26/12/2024 05:45	10.43	0	107	15.3	16.04	0	30.79	15.52	25.9	0	265.12	41.45	0	79.58	
26/12/2024 05:50	10.23	0	110.83	15.28	15.53	0	34.6	15.5	25.28	0	273.92	39.99	0	88.64	
26/12/2024 05:55	10.19	0	110.69	15.27	15.77	0	31.36	15.51	25.14	0	273.14	40.71	0	80.95	
26/12/2024 06:00	10.42	0	106.87	15.3	16.56	0	30.25	15.54	25.91	0	264.9	42.96	0	78.48	
26/12/2024 06:05	10.43	0	110.86	15.27	16.14	0	34.44	15.54	25.78	0	273.94	41.88	0	89.31	
26/12/2024 06:10	10.42	0	111.75	15.27	15.62	0	30.77	15.63	25.73	0	275.92	41.24	0	81.21	
26/12/2024 06:15	10.25	0	109.08	15.3	15.91	0	30.41	15.67	25.46	0	270.41	42.31	0	80.86	
26/12/2024 06:20	10.28	0	111.43	15.28	15.59	0	31.55	15.64	25.41	0	275.46	41.22	0	83.17	
26/12/2024 06:25	10.61	0	111.27	15.27	15.39	0	30.92	15.66	26.2	0	274.8	40.86	0	82.05	
26/12/2024 06:30	10.38	0	106.85												



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NOx	ck1_SO <sub>2</sub>	ck1_CO	ck2_NOx	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
26/12/2024 07:30	10.54	0	106.38	15.29	16.36	0	30.78	15.64	26.17	0	263.29	43.23	0	81.36	
26/12/2024 07:35	10.49	0	110.01	15.27	15.81	0	34.86	15.61	25.88	0	271.55	41.61	0	91.06	
26/12/2024 07:40	10.33	0	110.66	15.27	16.11	0	29.83	15.67	25.48	0	272.99	42.86	0	79.33	
26/12/2024 07:45	10.88	0	105.44	15.3	16.51	0	29.77	15.7	27.1	0	261.4	44.17	0	79.64	
26/12/2024 07:50	11.09	0	108.37	15.27	16.24	0	32.62	15.67	27.4	0	267.74	43.18	0	86.15	
26/12/2024 07:55	11.38	0	107.73	15.27	16.3	0	29.4	15.68	28.08	0	265.93	43.42	0	78.28	
26/12/2024 08:00	10.9	0	104.6	15.31	16.39	0	29.16	15.7	27.11	0	259.46	43.83	0	77.96	
26/12/2024 08:05	10.84	0	108.26	15.27	15.93	0	30.66	15.67	26.77	0	267.45	42.4	0	81.23	
26/12/2024 08:10	10.81	0	108.88	15.27	16.27	0	29.41	15.68	26.7	0	268.82	43.35	0	78.36	
26/12/2024 08:15	10.94	0	104.72	15.31	16.08	0	30.48	15.72	27.27	0	259.82	43.19	0	81.86	
26/12/2024 08:20	10.98	0	108.69	15.27	15.75	0	31.91	15.69	27.13	0	268.55	42.02	0	84.86	
26/12/2024 08:25	11.13	0	109.02	15.27	16.07	0	30.23	15.71	27.47	0	269.17	43.04	0	80.93	
26/12/2024 08:30	10.84	0	105.32	15.3	16.5	0	29.56	15.71	27	0	261.09	44.18	0	79.17	
26/12/2024 08:35	10.96	0	108.79	15.27	16.13	0	32.69	15.67	27.08	0	268.81	42.91	0	86.31	
26/12/2024 08:40	11.39	0	109.98	15.27	15.96	0	29.93	15.69	28.12	0	271.48	42.57	0	79.82	
26/12/2024 08:45	10.74	0	106.83	15.3	16.28	0	30.96	15.71	26.7	0	264.83	43.64	0	83.01	
26/12/2024 08:50	10.76	0	108.86	15.28	15.82	0	34.63	15.67	26.61	0	269.34	42.13	0	91.52	
26/12/2024 08:55	10.94	0	108.7	15.28	15.98	0	29.68	15.73	27.06	0	268.92	42.98	0	79.83	
26/12/2024 09:00	10.7	0	106.13	15.31	16.43	0	29.31	15.73	26.66	0	263.5	44.2	0	78.86	
26/12/2024 09:05	10.67	0	109.24	15.28	15.98	0	32.81	15.7	26.41	0	270.33	42.75	0	87.05	
26/12/2024 09:10	10.91	0	110.02	15.28	16.13	0	29.51	15.73	26.97	0	272.01	43.36	0	79.3	
26/12/2024 09:15	10.81	0	105.7	15.31	16.31	0	29.65	15.72	26.94	0	262.39	43.78	0	79.56	
26/12/2024 09:20	10.25	0	109.23	15.28	15.98	0	33.29	15.68	25.37	0	270.27	42.59	0	88.56	
26/12/2024 09:25	10.06	0	109.31	15.28	16.2	0	29.4	15.65	24.88	0	270.27	42.88	0	77.82	
26/12/2024 09:30	10.41	0	105.21	15.31	16.52	0	29.68	15.64	25.95	0	261.31	43.64	0	78.4	
26/12/2024 09:35	10.44	0	109.35	15.28	15.96	0	33.42	15.61	25.84	0	270.61	41.96	0	87.27	
26/12/2024 09:40	10.3	0	109.77	15.28	16.27	0	28.83	15.65	25.45	0	271.32	43.11	0	76.38	
26/12/2024 09:45	10.73	0	105.23	15.31	16.3	0	29.65	15.64	26.76	0	261.31	43.09	0	78.37	
26/12/2024 09:50	10.83	0	108.74	15.29	15.76	0	33.57	15.6	26.82	0	269.37	41.37	0	87.54	
26/12/2024 09:55	10.77	0	108.89	15.29	16.54	0	28.9	15.6	26.66	0	269.68	43.36	0	75.75	
26/12/2024 10:00	10.79	0	105.82	15.31	16.94	0	29.71	15.59	26.85	0	262.71	44.37	0	77.83	
26/12/2024 10:05	10.63	0	108.77	15.29	16.51	0	32.12	15.57	26.32	0	269.35	43.06	0	83.44	
26/12/2024 10:10	10.92	0	108.53	15.28	16.4	0	30.01	15.58	27.03	0	268.57	42.84	0	78.34	
26/12/2024 10:15	10.35	0	105.5	15.31	16.66	0	29.47	15.59	25.77	0	261.91	43.63	0	77.18	
26/12/2024 10:20	10.36	0	109.5	15.3	16.15	0	31.17	15.57	25.71	0	271.62	42.17	0	81.11	
26/12/2024 10:25	10.3	0	109.63	15.29	16.49	0	29.08	15.6	25.53	0	271.8	43.24	0	76.22	
26/12/2024 10:30	10.14	0	105.26	15.31	16.91	0	28.99	15.59	25.24	0	261.73	44.25	0	75.89	
26/12/2024 10:35	10.94	0	109.1	15.3	16.56	0	30.88	15.56	27.16	0	270.82	43.15	0	80.24	
26/12/2024 10:40	11.77	0	108.66	15.3	16.41	0	29.35	15.56	29.2	0	269.63	42.73	0	76.4	
26/12/2024 10:45	11.15	0	104.37	15.33	16.89	0	29.57	15.56	27.84	0	259.91	43.97	0	76.97	
26/12/2024 10:50	10.47	0	108.64	15.3	16.41	0	31.07	15.55	25.96	0	269.45	42.67	0	80.63	
26/12/2024 10:55	10.91	0	107.89	15.29	16.42	0	29.26	15.62	27.03	0	267.35	43.2	0	76.98	
26/12/2024 11:00	10.62	0	102.15	15.32	16.78	0	29.48	15.64	26.5	0	254.14	44.31	0	77.86	
26/12/2024 11:05	10.7	0	109.16	15.31	16.18	0	33.04	15.63	26.6	0	271.25	42.67	0	86.61	
26/12/2024 11:10	10.53	0	109.61	15.3	16.22	0	28.36	15.74	26.15	0	272.14	43.66	0	76.34	
26/12/2024 11:15	10.79	0	105.92	15.33	16.57	0	28.41	15.74	26.99	0	264.02	44.62	0	76.53	
26/12/2024 11:20	10.13	0	108.7	15.31	16	0	30.55	15.72	25.17	0	270.07	42.97	0	81.54	
26/12/2024 11:25	9.45	0	108.19	15.3	16.01	0	28.47	15.76	23.45	0	268.39	43.27	0	76.93	
26/12/2024 11:30	9.93	0	105.04	15.33	16.38	0	28.18	15.75	24.86	0	261.76	44.24	0	76.11	
26/12/2024 11:35	10.6	0	108.7	15.31	15.95	0	31.55	15.71	26.35	0	270.26	42.75	0	83.87	
26/12/2024 11:40	10.47	0	108.88	15.31	16.02	0	28.54	15.71	26.01	0	270.55	42.88	0	76.38	
26/12/2024 11:45	10.11	0	103.37	15.32	16.08	0	29.1	15.67	25.24	0	257.5	42.71	0	77.29	
26/12/2024 11:50	10.26	0	108.06	15.3	15.66	0	31.63	15.64	25.48	0	268.35	41.43	0	83.18	
26/12/2024 11:55	9.91	0	108.02	15.29	16.13	0	28.25	15.71	24.56	0	267.81	43.22	0	75.67	
26/12/2024 12:00	10.74	0	104.62	15.34	16.64	0	28.53	15.71	26.89	0	260.89	44.54	0	76.38	
26/12/2024 12:05	10.56	0	107.48	15.31	16.18	0	31.73	15.67	26.23	0	267.05	43.08	0	83.88	
26/12/2024 12:10	11.23	0	107.2	15.3	15.96	0	28.9	15.73	27.89	0	266.09	42.88	0	77.61	
26/12/2024 12:15	10.63	0	102.71	15.33	16.41	0	27.88	15.77	26.57	0	255.98	44.48	0	75.54	
26/12/2024 12:20	10.56	0	107.74	15.3	15.9	0	31.31	15.74	26.24	0	267.56	42.89	0	83.68	
26/12/2024 12:25	10.97	0	108.42	15.3	15.81	0	26.94	15.94	27.23	0	269.19	44.35	0	75.48	
26/12/2024 12:30	10.34	0	104.82	15.35	15.64	0	26.83	16.01	25.97	0	261.48	44.49	0	76.31	
26/12/2024 12:35	10.53	0	108.97	15.3	15.19	0	30.42	15.94	26.16	0	270.64	42.71	0	84.32	
26/12/2024 12:40	10.11	0	108.23	15.3	15.72	0	27.01	15.94	25.08	0	268.5	44.11	0	75.72	
26/12/2024 12:45	10.47	0	104.23	15.37	15.84	0	26.16	16.03	26.5	0	261.21	45.16	0	74.6	
26/12/2024 12:50	10.38	0	108.27	15.31	15.39	0	29.55	15.98	25.81	0	269.12	43.55	0	82.43	
26/12/2024 12:55	11.27	0	108.48	15.3	15.52	0	26.16	16.08	27.98	0	269.42	44.77	0	75.4	
26/12/2024 13:00	10.75	0	104.69	15.35	15.64	0	26.26	16.06	26.98	0	261.81	44.96	0	75.47	
26/12/2024 13:05	10.43	0	109.17	15.31	15.21	0	29.91	16.01	25.94	0	271.53	43.33	0	83.88	
26/12/2024 13:10	10.83	0	108.8	15.31	15.23	0	26.49	16.06	26.92	0	270.5	43.74	0	76.05	
26/12/2024 13:15	9.95	0	106.01	15.35	15.37	0	27.55	16.11	25.03	0	264.78	44.65	0	80.03	
26/12/2024 13:20	10.02	0	109.38	15.32	14.93	0	31.99	16.05	24.95	0	272.33	42.88	0	91.45	
26/12/2024 13:25	9.47	0	109.69	15.3	15.35	0	26.71	16.03	23.52	0	272.49	43.9	0	76.34	
26/12/2024 13:30	9.81	0	106.17	15.35	15.81	0	27.37	16.02	24.69	0	265.07	45.07	0	78.03	
26/12/2024 13:35	10.38	0	109.3	15.31	15.39	0	30.53	15.99	25.8	0	271.73	43.69	0	85.5	
26/12/2024 13:40	10.38	0	109.34	15.3	14.67	0	24.81	16.35	25.77	0	271.56	44.92	0	75.85	
26/12/2024 13:45	10.32	0	105.75	15.38	14.53	0	24.56	16.52	26.14	0	264.7	46.09	0	77.9	
26/12/2024 13:50	9.95	0	109.23	15.3	14.31	0	28.99	16.39	24.73	0	271.37	44.31	0	89.43	
26/12/2024 13:55	9.31	0	108.81	15.3	14.63	0	25.32	16.39	23.1	0	269.86	45.17	0	78.1	
26/12/2															



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
26/12/2024 15:00	9.59	0	105.93	15.37	14.43	0	25.81	16.34	24.24	0	264.85	43.94	0	78.6	
26/12/2024 15:05	9.39	0	110.06	15.3	13.98	0	29.17	16.24	23.32	0	273.42	41.9	0	85.53	
26/12/2024 15:10	8.66	0	110.33	15.3	13.86	0	24.88	16.42	21.48	0	273.77	43.11	0	77.27	
26/12/2024 15:15	9.49	0	106.15	15.42	13.66	0	24.81	16.78	24.21	0	267.32	46.07	0	83.71	
26/12/2024 15:20	9.83	0	109.99	15.32	13.53	0	29.12	16.56	24.47	0	273.84	43.82	0	91.35	
26/12/2024 15:25	10.39	0	108.72	15.31	14.36	0	27.24	16.13	25.85	0	270.46	41.92	0	79.47	
26/12/2024 15:30	9.79	0	104.89	15.38	14.56	0	26.33	16.2	24.81	0	262.79	43.06	0	77.88	
26/12/2024 15:35	9.71	0	109.65	15.31	14.19	0	28.97	16.1	24.15	0	272.65	41.27	0	83.13	
26/12/2024 15:40	8.94	0	109.83	15.3	14.31	0	26.93	16.14	22.18	0	272.61	41.85	0	78.75	
26/12/2024 15:45	9.54	0	106.36	15.38	14.55	0	26.09	16.36	24.18	0	266.32	44.55	0	79.89	
26/12/2024 15:50	9.93	0	111.08	15.31	14.39	0	30.29	16.17	24.7	0	276.35	42.61	0	87.78	
26/12/2024 15:55	10.14	0	111.11	15.31	15.22	0	29.2	15.77	25.21	0	276.25	41.27	0	79.11	
26/12/2024 16:00	9.83	0	108.24	15.34	15.51	0	29.22	15.85	24.67	0	270.34	42.66	0	80.36	
26/12/2024 16:05	9.73	0	111.45	15.32	15	0	32.8	15.79	24.23	0	277.68	40.89	0	88.53	
26/12/2024 16:10	9.81	0	111.66	15.32	15.05	0	27.9	15.85	24.44	0	278.08	41.42	0	76.75	
26/12/2024 16:15	9.35	0	104.97	15.34	15.22	0	28.68	15.92	23.45	0	262.04	42.51	0	80.12	
26/12/2024 16:20	9.26	0	110.68	15.31	15.02	0	32.47	15.86	23	0	275.02	41.48	0	89.47	
26/12/2024 16:25	9.16	0	110.95	15.3	15.13	0	29.43	15.74	22.72	0	275.32	40.75	0	79.25	
26/12/2024 16:30	9.54	0	107.88	15.33	15.24	0	29.6	15.76	23.86	0	268.76	41.22	0	80.05	
26/12/2024 16:35	9.61	0	111.33	15.3	14.77	0	32.55	15.71	23.86	0	276.52	39.66	0	86.72	
26/12/2024 16:40	9.25	0	112	15.3	15.26	0	29.24	15.74	22.94	0	277.77	41.15	0	78.82	
26/12/2024 16:45	9.35	0	107.61	15.34	15.41	0	29.75	15.78	23.42	0	268.23	41.85	0	80.76	
26/12/2024 16:50	9.66	0	111.22	15.32	14.83	0	33.74	15.72	24.05	0	276.87	39.94	0	89.99	
26/12/2024 16:55	9.08	0	111.78	15.31	15.12	0	29.35	15.75	22.56	0	277.84	40.82	0	79.19	
26/12/2024 17:00	9.73	0	106.44	15.35	15.29	0	29.01	15.8	24.44	0	266.1	41.68	0	79.06	
26/12/2024 17:05	9.92	0	110.1	15.31	14.91	0	31.27	15.76	24.69	0	273.87	40.34	0	84.03	
26/12/2024 17:10	10.11	0	110.05	15.31	15.14	0	28.69	15.8	25.13	0	273.61	41.26	0	78.14	
26/12/2024 17:15	9.68	0	106.64	15.35	15.11	0	29.4	15.85	24.37	0	266.51	41.59	0	80.95	
26/12/2024 17:20	9.7	0	111.19	15.31	14.73	0	31.59	15.79	24.15	0	276.66	40.18	0	85.53	
26/12/2024 17:25	9.52	0	111.69	15.3	14.99	0	28.99	15.75	23.64	0	277.46	40.48	0	78.28	
26/12/2024 17:30	9.83	0	108.47	15.34	15.4	0	28.41	15.8	24.61	0	270.55	41.99	0	77.49	
26/12/2024 17:35	10.44	0	107.41	15.28	14.93	0	32.85	15.73	25.78	0	265.44	40.25	0	87.5	
26/12/2024 17:40	10.84	0	105.45	15.25	15.06	0	29.73	15.72	26.68	0	259.51	40.43	0	79.82	
26/12/2024 17:45	11.11	0	102.24	15.29	15.49	0	30.49	15.76	27.6	0	252.98	41.89	0	82.49	
26/12/2024 17:50	11.1	0	104.81	15.26	15.19	0	32.98	15.71	27.37	0	258.49	40.71	0	87.85	
26/12/2024 17:55	11.22	0	104.83	15.26	15.2	0	29.75	15.7	27.65	0	258.32	40.64	0	79.55	
26/12/2024 18:00	10.83	0	101.18	15.3	15.92	0	29.52	15.75	26.92	0	250.66	42.97	0	79.68	
26/12/2024 18:05	9.95	0	109.27	15.3	15.6	0	30.5	15.71	24.71	0	271.31	41.85	0	81.58	
26/12/2024 18:10	9.42	0	110.25	15.3	15.46	0	29	15.72	23.37	0	273.5	41.47	0	77.79	
26/12/2024 18:15	9.86	0	106.85	15.35	15.44	0	28.93	15.76	24.75	0	266.79	41.75	0	78.2	
26/12/2024 18:20	9.47	0	110.97	15.31	15	0	32.21	15.71	23.55	0	275.95	40.28	0	85.8	
26/12/2024 18:25	8.94	0	110.83	15.3	15.78	0	29.27	15.69	22.2	0	275.32	42.13	0	78.12	
26/12/2024 18:30	9.26	0	107.36	15.34	15.98	0	29.26	15.74	23.2	0	267.63	43.03	0	78.8	
26/12/2024 18:35	9.73	0	111.08	15.31	15.52	0	32.37	15.7	24.17	0	276.08	41.56	0	86.02	
26/12/2024 18:40	9.69	0	110.77	15.3	15.43	0	29.48	15.72	24.05	0	274.94	41.45	0	79.2	
26/12/2024 18:45	9.54	0	107.8	15.33	15.3	0	29.61	15.76	23.87	0	268.53	41.42	0	80.15	
26/12/2024 18:50	9.69	0	111.78	15.31	14.86	0	33.24	15.71	24.08	0	277.72	39.9	0	88.51	
26/12/2024 18:55	9.63	0	112.81	15.3	15.11	0	30.34	15.69	23.88	0	279.94	40.33	0	80.99	
26/12/2024 19:00	9.68	0	107.98	15.33	15.58	0	30.01	15.73	24.21	0	268.93	41.87	0	80.63	
26/12/2024 19:05	9.43	0	110.23	15.3	15.07	0	31.85	15.69	23.4	0	273.56	40.26	0	84.68	
26/12/2024 19:10	8.8	0	109.2	15.28	15.27	0	29.78	15.7	21.77	0	270.3	40.88	0	79.69	
26/12/2024 19:15	8.82	0	105.27	15.31	15.34	0	29.92	15.76	22.01	0	261.73	41.51	0	80.93	
26/12/2024 19:20	9.97	0	111.11	15.3	14.85	0	33.54	15.72	24.75	0	275.71	39.94	0	89.38	
26/12/2024 19:25	10.25	0	111.06	15.29	15.38	0	30.48	15.75	25.41	0	275.37	41.57	0	82.34	
26/12/2024 19:30	9.99	0	106.3	15.34	15.91	0	29.28	15.81	25.11	0	265.16	43.47	0	80.02	
26/12/2024 19:35	9.67	0	111.1	15.3	15.3	0	32.33	15.77	24	0	275.9	41.51	0	86.9	
26/12/2024 19:40	9.3	0	110.34	15.29	15.2	0	28.87	15.79	23.04	0	273.51	41.37	0	78.53	
26/12/2024 19:45	9.83	0	107.54	15.33	15.58	0	29.04	15.83	24.6	0	267.83	42.72	0	79.64	
26/12/2024 19:50	10.06	0	111.38	15.31	15.13	0	33.36	15.77	25	0	276.72	41.07	0	89.57	
26/12/2024 19:55	10.78	0	111.27	15.3	15.42	0	29.63	15.74	26.78	0	276.41	41.51	0	79.75	
26/12/2024 20:00	10.02	0	106.78	15.34	15.94	0	29.22	15.79	25.13	0	266.44	43.32	0	79.42	
26/12/2024 20:05	9.83	0	111.53	15.3	15.37	0	32.83	15.73	24.41	0	277.01	41.45	0	87.72	
26/12/2024 20:10	9.48	0	111.91	15.3	15.37	0	29.65	15.73	23.55	0	277.84	41.32	0	79.67	
26/12/2024 20:15	9.94	0	106.69	15.34	15.84	0	30.32	15.73	24.95	0	266.11	42.63	0	81.58	
26/12/2024 20:20	9.55	0	111.38	15.3	15.4	0	33.4	15.7	23.73	0	276.66	41.2	0	88.7	
26/12/2024 20:25	9.52	0	111.44	15.3	15.37	0	30.15	15.68	23.62	0	276.6	40.97	0	80.33	
26/12/2024 20:30	9.92	0	107.42	15.34	15.58	0	30.59	15.72	24.86	0	267.94	41.79	0	82.02	
26/12/2024 20:35	9.79	0	111.81	15.31	15.17	0	33.58	15.69	24.35	0	277.97	40.56	0	89.15	
26/12/2024 20:40	9.75	0	111.8	15.3	15.36	0	30.02	15.76	24.21	0	277.57	41.59	0	81.25	
26/12/2024 20:45	9.98	0	108.58	15.33	15.56	0	30.12	15.77	24.98	0	270.82	42.17	0	81.66	
26/12/2024 20:50	9.83	0	110.52	15.31	15.18	0	34.22	15.74	24.42	0	274.59	40.9	0	91.98	
26/12/2024 20:55	9.77	0	109.66	15.3	15.31	0	30.63	15.75	24.24	0	272.18	41.35	0	82.68	
26/12/2024 21:00	9.76	0	106.42	15.34	15.69	0	30.19	15.8	24.49	0	265.42	42.76	0	82.3	
26/12/2024 21:05	9.97	0	110.33	15.31	15.12	0	33.64	15.75	24.77	0	274.18	40.9	0	90.13	
26/12/2024 21:10	9.58	0	110.14	15.3	15.4	0	29.55	15.8	23.75	0	273.16	41.96	0	80.49	
26/12/2024 21:15	10.05	0	107.49	15.33	15.82	0	29.94	15.81	25.15	0	267.65	43.23	0	81.82	
26/12/2024 21:20	9.85	0	111.11	15.3	15.29	0	33.51	15.77	24.44	0	275.75	41.48	0	90.04	
26/12/2024 21:25	9.73	0	110.75	15.3	15.43	0	29.4	15.78	24.14	0	274.67	41.91	0	79.81	
26/12/2024 21:30	9.83	0	106.55	15.33	15.82	0	28.94	15.82	24.						



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
26/12/2024 22:30	9.97	0	107.85	15.34	15.94	0	30.4	15.71	24.99	0	269.03	42.67	0	81.39	
26/12/2024 22:35	9.98	0	111.57	15.3	15.63	0	32.11	15.66	24.78	0	277.1	41.56	0	85.06	
26/12/2024 22:40	10.33	0	111.63	15.3	15.62	0	30.53	15.65	25.66	0	277.3	41.35	0	80.8	
26/12/2024 22:45	10.02	0	107.36	15.33	16.05	0	30.16	15.67	25.07	0	267.47	42.67	0	80.15	
26/12/2024 22:50	10.18	0	111.55	15.31	15.51	0	33.78	15.64	25.31	0	277.26	41.03	0	88.74	
26/12/2024 22:55	10.2	0	111.33	15.3	15.45	0	30.1	15.69	25.32	0	276.26	41.25	0	80.37	
26/12/2024 23:00	10.28	0	107.98	15.33	15.84	0	30.16	15.71	25.73	0	269.05	42.42	0	80.79	
26/12/2024 23:05	9.98	0	111.93	15.3	15.48	0	33.96	15.67	24.76	0	277.75	41.18	0	89.61	
26/12/2024 23:10	10.41	0	112.3	15.29	15.48	0	30.93	15.65	25.8	0	278.43	40.96	0	81.86	
26/12/2024 23:15	10.09	0	108.93	15.32	15.72	0	32.16	15.65	25.18	0	270.81	41.58	0	85.08	
26/12/2024 23:20	9.72	0	111.51	15.29	15.23	0	35.25	15.62	24.1	0	276.42	40.13	0	92.3	
26/12/2024 23:25	9.95	0	111.53	15.29	15.44	0	30.89	15.69	24.68	0	276.53	41.18	0	82.37	
26/12/2024 23:30	9.86	0	108.79	15.32	15.48	0	30.74	15.72	24.62	0	270.8	41.57	0	82.56	
26/12/2024 23:35	9.89	0	111.99	15.3	15.05	0	34.02	15.68	24.54	0	277.91	40.15	0	90.06	
26/12/2024 23:40	9.86	0	112.42	15.29	15.36	0	30.7	15.71	24.42	0	278.43	41.12	0	82.14	
26/12/2024 23:45	9.64	0	108.67	15.33	15.53	0	30.8	15.73	24.12	0	270.51	41.77	0	82.83	
26/12/2024 23:50	9.65	0	112.42	15.3	15.06	0	34.35	15.69	23.94	0	278.99	40.28	0	91.12	
26/12/2024 23:55	10.05	0	112.34	15.3	15.04	0	31.46	15.73	24.93	0	278.78	40.46	0	84.58	
27/12/2024 00:00	10.18	0	109.2	15.33	15.69	0	31.97	15.75	25.48	0	272.19	42.34	0	86.27	
27/12/2024 00:05	9.79	0	112.9	15.3	15.38	0	35.27	15.71	24.28	0	280.1	41.22	0	93.83	
27/12/2024 00:10	10.41	0	113.09	15.3	15.33	0	31.42	15.72	25.82	0	280.56	41.12	0	84.27	
27/12/2024 00:15	10.28	0	108.97	15.33	15.72	0	31.48	15.76	25.71	0	271.36	42.46	0	85.06	
27/12/2024 00:20	9.94	0	112.55	15.3	15.23	0	35.21	15.71	24.67	0	279.33	40.89	0	93.75	
27/12/2024 00:25	10.66	0	112.33	15.3	15.41	0	32.8	15.72	26.46	0	278.89	41.35	0	87.98	
27/12/2024 00:30	9.99	0	108.76	15.33	15.69	0	31.99	15.79	24.98	0	270.69	42.65	0	86.96	
27/12/2024 00:35	10.01	0	112.45	15.3	15.32	0	36.86	15.75	24.85	0	279.27	41.39	0	99.23	
27/12/2024 00:40	9.97	0	113.17	15.3	15.15	0	32.16	15.75	24.75	0	280.99	40.91	0	86.77	
27/12/2024 00:45	10.13	0	108.79	15.33	15.44	0	31.19	15.79	25.33	0	270.9	42.02	0	84.9	
27/12/2024 00:50	10.34	0	111.25	15.3	15.06	0	35.04	15.74	25.65	0	276.08	40.62	0	93.63	
27/12/2024 00:55	10.69	0	111.19	15.3	15.1	0	32.29	15.72	26.51	0	275.83	40.56	0	86.67	
27/12/2024 01:00	10.35	0	107.48	15.33	15.23	0	30.85	15.78	25.86	0	267.5	41.35	0	83.77	
27/12/2024 01:05	9.88	0	111.09	15.29	14.81	0	34.27	15.73	24.49	0	275.42	39.9	0	91.5	
27/12/2024 01:10	9.8	0	110.66	15.29	15.11	0	31.88	15.71	24.28	0	274.21	40.5	0	85.45	
27/12/2024 01:15	9.69	0	107.63	15.32	15.17	0	32.28	15.75	24.22	0	267.8	40.91	0	87.03	
27/12/2024 01:20	9.92	0	111.53	15.29	14.71	0	35.58	15.71	24.6	0	276.48	39.45	0	94.61	
27/12/2024 01:25	9.47	0	111.33	15.28	15.24	0	32.07	15.71	23.42	0	275.33	40.83	0	85.91	
27/12/2024 01:30	9.75	0	108.26	15.32	15.29	0	33.58	15.76	24.36	0	269.19	41.37	0	90.86	
27/12/2024 01:35	10.14	0	112.06	15.3	14.84	0	36.69	15.72	25.16	0	278.09	39.9	0	98.33	
27/12/2024 01:40	10.09	0	112.19	15.3	14.99	0	32.36	15.72	25.05	0	278.39	40.24	0	86.88	
27/12/2024 01:45	9.8	0	109.94	15.32	15.08	0	34.43	15.76	24.49	0	273.67	40.8	0	93.17	
27/12/2024 01:50	9.87	0	112.07	15.29	14.69	0	37.45	15.72	24.47	0	277.75	39.49	0	99.92	
27/12/2024 01:55	9.64	0	112.67	15.29	15.19	0	32.87	15.72	23.87	0	278.97	40.73	0	88.12	
27/12/2024 02:00	9.8	0	107.06	15.32	15.41	0	32.06	15.75	24.46	0	266.27	41.61	0	86.58	
27/12/2024 02:05	10.13	0	112.09	15.3	15.06	0	34.08	15.72	25.12	0	278.07	40.45	0	91.02	
27/12/2024 02:10	10.14	0	112.3	15.29	14.99	0	33.28	15.73	25.14	0	278.43	40.3	0	89.48	
27/12/2024 02:15	10.09	0	107.3	15.33	15.29	0	32.77	15.75	25.27	0	267.14	41.25	0	88.44	
27/12/2024 02:20	9.98	0	112.44	15.3	14.88	0	35.96	15.71	24.75	0	278.94	39.93	0	95.77	
27/12/2024 02:25	10.13	0	112.39	15.29	14.99	0	33.49	15.72	25.1	0	278.66	40.23	0	89.85	
27/12/2024 02:30	9.93	0	106.53	15.32	15.38	0	33.33	15.76	24.79	0	264.9	41.63	0	90.2	
27/12/2024 02:35	9.89	0	112.38	15.29	15.05	0	35.14	15.73	24.51	0	278.5	40.5	0	94.16	
27/12/2024 02:40	10.06	0	112.42	15.29	14.92	0	33.76	15.76	24.93	0	278.5	40.38	0	91.35	
27/12/2024 02:45	9.85	0	109.04	15.31	14.97	0	33.32	15.76	24.57	0	270.77	40.53	0	90.17	
27/12/2024 02:50	9.92	0	112.51	15.28	14.59	0	36.34	15.71	24.55	0	278.51	39.15	0	96.8	
27/12/2024 02:55	9.72	0	112.33	15.28	15.14	0	32.96	15.7	24.03	0	277.73	40.5	0	88.19	
27/12/2024 03:00	9.6	0	108.52	15.32	15.22	0	33.57	15.74	23.97	0	269.85	41.01	0	90.47	
27/12/2024 03:05	9.86	0	112.66	15.28	14.84	0	36.91	15.7	24.41	0	278.83	39.74	0	98.08	
27/12/2024 03:10	9.59	0	112.86	15.28	14.89	0	33.33	15.72	23.71	0	278.89	40	0	89.48	
27/12/2024 03:15	9.75	0	109.15	15.31	15.35	0	32.75	15.74	24.29	0	270.79	41.38	0	88.29	
27/12/2024 03:20	10.01	0	112.63	15.29	14.98	0	36.05	15.71	24.77	0	278.85	40.14	0	95.9	
27/12/2024 03:25	10.14	0	112.19	15.28	14.92	0	33.69	15.74	25.09	0	277.54	40.18	0	90.7	
27/12/2024 03:30	9.73	0	109.39	15.31	15.36	0	34.65	15.77	24.27	0	271.57	41.61	0	93.86	
27/12/2024 03:35	9.84	0	112.92	15.28	14.93	0	37.93	15.72	24.36	0	279.45	40.15	0	101.18	
27/12/2024 03:40	10.06	0	112.61	15.28	14.88	0	32.88	15.72	24.87	0	278.35	39.96	0	88.23	
27/12/2024 03:45	10	0	108.82	15.32	15.43	0	33.18	15.74	25	0	270.72	41.59	0	89.42	
27/12/2024 03:50	9.98	0	112.52	15.29	15.02	0	36.61	15.7	24.72	0	278.8	40.21	0	97.29	
27/12/2024 03:55	9.89	0	111.91	15.28	15.13	0	33.66	15.69	24.47	0	276.84	40.36	0	89.78	
27/12/2024 04:00	10	0	108.33	15.32	15.17	0	33.45	15.72	24.98	0	269.3	40.69	0	89.73	
27/12/2024 04:05	9.94	0	112.39	15.28	14.64	0	37.06	15.68	24.59	0	278.18	39.02	0	98	
27/12/2024 04:10	9.97	0	111.7	15.27	15.18	0	33.12	15.68	24.63	0	275.95	40.46	0	88.23	
27/12/2024 04:15	10.01	0	109.06	15.31	15.48	0	34.01	15.7	24.98	0	270.89	41.41	0	90.95	
27/12/2024 04:20	10.05	0	112.75	15.28	15.07	0	37.08	15.67	24.87	0	279	40.1	0	98.02	
27/12/2024 04:25	9.98	0	113.42	15.28	15.07	0	33.77	15.69	24.71	0	280.67	40.17	0	90.02	
27/12/2024 04:30	9.79	0	109.25	15.3	15.13	0	34.69	15.73	24.35	0	271.14	40.66	0	93.19	
27/12/2024 04:35	9.9	0	112.99	15.28	14.59	0	38.25	15.69	24.49	0	279.41	38.96	0	101.4	
27/12/2024 04:40	9.88	0	111.84	15.27	15.11	0	32.83	15.73	24.4	0	276.3	40.67	0	88.36	
27/12/2024 04:45	9.98	0	108.78	15.32	15.49	0	32.79	15.75	24.93	0	270.36	41.78	0	88.43	
27/12/2024 04:50	9.93	0	112.39	15.29	15.11	0	35.53	15.71	24.59	0	278.34	40.56	0	94.72	
27/12/2024 04:55	9.83	0	111.73	15.28	15.02	0	33.83	15.74	24.32	0	276.49	40.49	0	91.22	
27/12/2024 05:00	9.94	0	108.81	15.33	15.3										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
27/12/2024 06:00	9.79	0	110.01	15.31	15.21	0	34.66	15.75	24.38	0	272.94	41.05	0	93.53	
27/12/2024 06:05	9.8	0	113.96	15.28	14.8	0	38.38	15.71	24.25	0	281.99	39.68	0	102.11	
27/12/2024 06:10	10.41	0	114.28	15.28	14.41	0	35.42	15.71	25.75	0	282.79	38.64	0	94.96	
27/12/2024 06:15	9.84	0	111.29	15.31	14.54	0	36.18	15.72	24.53	0	276.36	39.04	0	97.13	
27/12/2024 06:20	9.82	0	113.62	15.28	14.14	0	38.77	15.69	24.29	0	281.04	37.74	0	102.8	
27/12/2024 06:25	10.03	0	113.39	15.28	14.89	0	33.57	15.68	24.79	0	280.2	39.69	0	89.45	
27/12/2024 06:30	9.85	0	109.83	15.31	15.09	0	33.42	15.69	24.54	0	272.52	40.24	0	89.14	
27/12/2024 06:35	9.7	0	113.7	15.28	14.65	0	37.17	15.65	24.02	0	281.42	38.83	0	97.91	
27/12/2024 06:40	9.92	0	113.2	15.28	14.5	0	35.14	15.66	24.52	0	279.82	38.51	0	93.28	
27/12/2024 06:45	9.4	0	109.6	15.3	14.54	0	34.5	15.68	23.36	0	271.77	38.75	0	91.93	
27/12/2024 06:50	9.79	0	111.67	15.28	14.27	0	37.35	15.65	24.19	0	276.1	37.83	0	98.38	
27/12/2024 06:55	10.22	0	111.86	15.27	15.24	0	31.69	15.69	25.24	0	276.34	40.66	0	84.53	
27/12/2024 07:00	10.2	0	108.22	15.31	15.75	0	31.99	15.69	25.38	0	268.6	42	0	85.29	
27/12/2024 07:05	10.27	0	111.97	15.28	15.41	0	35.1	15.65	25.4	0	276.87	40.88	0	92.5	
27/12/2024 07:10	10.19	0	112.39	15.28	15.65	0	31.92	15.64	25.17	0	277.73	41.4	0	84.44	
27/12/2024 07:15	10.24	0	108.22	15.31	16.36	0	32.09	15.65	25.51	0	268.52	43.34	0	84.99	
27/12/2024 07:20	10.23	0	111.01	15.28	15.94	0	34.52	15.63	25.32	0	274.59	42.07	0	90.66	
27/12/2024 07:25	9.94	0	110.75	15.28	15.87	0	31.43	15.64	24.56	0	273.68	41.95	0	83.06	
27/12/2024 07:30	10.38	0	107.28	15.31	16.26	0	31.5	15.65	25.85	0	266.1	43.04	0	83.37	
27/12/2024 07:35	10.81	0	110.68	15.28	15.86	0	33.32	15.62	26.76	0	273.98	41.81	0	87.52	
27/12/2024 07:40	11.06	0	110.38	15.28	16	0	31.51	15.62	27.36	0	272.98	42.14	0	82.98	
27/12/2024 07:45	10.46	0	108.15	15.3	16.23	0	32.21	15.62	26.01	0	268.26	42.73	0	84.81	
27/12/2024 07:50	10.41	0	111.35	15.28	15.73	0	35.7	15.58	25.75	0	275.51	41.19	0	92.89	
27/12/2024 07:55	10.73	0	111.44	15.28	16.14	0	31.7	15.58	26.56	0	275.76	42.19	0	82.83	
27/12/2024 08:00	10.69	0	109.33	15.31	16.52	0	31.95	15.6	26.61	0	271.6	43.31	0	83.78	
27/12/2024 08:05	10.31	0	111.23	15.29	16.16	0	33.1	15.58	25.53	0	275.41	42.27	0	86.37	
27/12/2024 08:10	10.86	0	110.48	15.28	15.87	0	31.35	15.64	26.86	0	273.25	41.96	0	82.9	
27/12/2024 08:15	10.62	0	107.91	15.32	16.01	0	31.8	15.66	26.47	0	268.15	42.44	0	84.31	
27/12/2024 08:20	10.31	0	110.92	15.29	15.5	0	35.04	15.64	25.56	0	275.08	40.97	0	92.05	
27/12/2024 08:25	10.11	0	111.22	15.29	15.82	0	30.39	15.71	25.06	0	275.68	42.36	0	81.33	
27/12/2024 08:30	10.77	0	106.39	15.34	15.99	0	29.87	15.73	26.97	0	265.2	43.02	0	80.36	
27/12/2024 08:35	10.4	0	109.47	15.29	15.56	0	32.64	15.69	25.78	0	271.4	41.59	0	86.65	
27/12/2024 08:40	10.25	0	109.69	15.29	15.83	0	30.18	15.72	25.39	0	271.65	42.48	0	80.95	
27/12/2024 08:45	10.13	0	106.38	15.33	16.17	0	29.96	15.75	25.31	0	264.75	43.68	0	80.95	
27/12/2024 08:50	10.45	0	110.09	15.3	15.84	0	33.02	15.71	25.96	0	273.39	42.48	0	87.88	
27/12/2024 08:55	10.72	0	110.38	15.3	15.98	0	30.21	15.69	26.61	0	274.04	42.65	0	80.62	
27/12/2024 09:00	10.26	0	104.03	15.33	16.06	0	30.26	15.79	25.65	0	259.11	43.72	0	82.37	
27/12/2024 09:05	10.4	0	109.03	15.3	15.68	0	33.42	15.73	25.84	0	270.83	42.21	0	89.22	
27/12/2024 09:10	9.95	0	109.06	15.29	15.98	0	29.99	15.68	24.68	0	270.41	42.6	0	79.91	
27/12/2024 09:15	10.11	0	105.93	15.33	16.17	0	30.32	15.71	25.27	0	263.73	43.3	0	81.19	
27/12/2024 09:20	10.39	0	108.81	15.3	15.82	0	33.65	15.67	25.82	0	270.3	42.06	0	88.87	
27/12/2024 09:25	10.64	0	107.75	15.3	15.86	0	29.87	15.69	26.41	0	267.45	42.35	0	79.75	
27/12/2024 09:30	10.45	0	105.2	15.34	16.13	0	30.01	15.71	26.17	0	262.35	43.22	0	80.43	
27/12/2024 09:35	10.29	0	109.08	15.31	15.55	0	33.05	15.68	25.6	0	271.41	41.43	0	87.44	
27/12/2024 09:40	10.05	0	109.09	15.31	15.96	0	29.56	15.67	24.98	0	271.24	42.43	0	78.54	
27/12/2024 09:45	10.28	0	105.87	15.33	16.33	0	29.43	15.7	25.74	0	263.96	43.63	0	78.65	
27/12/2024 09:50	10.53	0	108.39	15.31	15.91	0	32.29	15.67	26.17	0	269.52	42.33	0	85.32	
27/12/2024 09:55	10.3	0	108.69	15.3	16.31	0	29.37	15.67	25.58	0	270	43.37	0	78.1	
27/12/2024 10:00	10.83	0	105.06	15.34	16.55	0	29.35	15.69	27.16	0	262.28	44.13	0	78.28	
27/12/2024 10:05	10.68	0	109.23	15.31	16.04	0	32.45	15.67	26.58	0	271.78	42.64	0	85.74	
27/12/2024 10:10	10.98	0	108.95	15.31	15.96	0	29.36	15.73	27.32	0	270.97	42.95	0	79	
27/12/2024 10:15	10.76	0	107.41	15.34	16.35	0	29.36	15.77	26.93	0	268.09	44.33	0	79.62	
27/12/2024 10:20	10.37	0	109.54	15.31	16.05	0	33.36	15.72	25.79	0	272.34	43.18	0	88.93	
27/12/2024 10:25	10.13	0	110.05	15.3	15.9	0	29.97	15.76	25.15	0	273.3	42.98	0	81.03	
27/12/2024 10:30	10.71	0	105.87	15.35	16.1	0	30.07	15.77	26.9	0	264.5	43.6	0	81.43	
27/12/2024 10:35	10.75	0	109.81	15.32	15.57	0	33.78	15.73	26.76	0	273.34	41.9	0	90.15	
27/12/2024 10:40	11.31	0	110.17	15.31	16.1	0	29.88	15.73	28.15	0	274.15	43.35	0	80.42	
27/12/2024 10:45	10.37	0	107.07	15.34	16.17	0	29.97	15.78	25.97	0	267.12	43.9	0	81.37	
27/12/2024 10:50	10.51	0	109.33	15.31	15.64	0	33.2	15.75	26.13	0	271.9	42.29	0	89.01	
27/12/2024 10:55	10.75	0	109.41	15.31	15.95	0	29.52	15.8	26.72	0	271.94	43.46	0	80.4	
27/12/2024 11:00	10.8	0	105.36	15.35	16.01	0	29.5	15.8	27.13	0	263.33	43.64	0	80.42	
27/12/2024 11:05	10.6	0	109.08	15.31	15.55	0	33.35	15.75	26.36	0	271.32	42.06	0	89.32	
27/12/2024 11:10	11.36	0	109.19	15.31	15.98	0	29.71	15.68	28.27	0	271.7	42.6	0	79.19	
27/12/2024 11:15	10.98	0	103.97	15.34	16.36	0	29.81	15.68	27.53	0	259.6	43.54	0	79.36	
27/12/2024 11:20	10.62	0	108.17	15.31	15.92	0	33.81	15.65	26.4	0	269	42.15	0	88.87	
27/12/2024 11:25	10.19	0	108.5	15.3	15.96	0	29.51	15.71	25.31	0	269.54	42.74	0	78.99	
27/12/2024 11:30	10.87	0	104.17	15.35	16.45	0	29.38	15.69	27.28	0	260.2	43.93	0	78.47	
27/12/2024 11:35	10.7	0	107.95	15.32	16.05	0	32.37	15.68	26.64	0	268.73	42.79	0	85.71	
27/12/2024 11:40	10.86	0	106.63	15.31	15.91	0	28.25	15.83	27.01	0	265.25	43.66	0	77.52	
27/12/2024 11:45	10.71	0	105	15.35	16.16	0	28.22	15.88	26.88	0	262.31	44.75	0	78.15	
27/12/2024 11:50	10.46	0	108.73	15.31	15.71	0	31.54	15.83	26.01	0	270.45	43.14	0	85.67	
27/12/2024 11:55	10.39	0	109.23	15.31	15.78	0	28.98	15.81	25.83	0	271.59	43.15	0	79.21	
27/12/2024 12:00	10.02	0	103.82	15.34	15.89	0	29.31	15.86	25.08	0	258.97	43.83	0	80.82	
27/12/2024 12:05	10.11	0	109.03	15.31	15.36	0	32.25	15.82	25.12	0	270.94	42.1	0	87.48	
27/12/2024 12:10	9.27	0	108.67	15.29	15.64	0	27.65	15.88	22.97	0	269.44	43.33	0	76.58	
27/12/2024 12:15	10.1	0	105.09	15.33	16.02	0	27.97	15.86	25.28	0	261.71	44.15	0	77.07	
27/12/2024 12:20	10.06	0	107.95	15.3	15.45	0	31.46	15.8	24.98	0	268.13	42.22	0	85.07	
27/12/2024 12:25	9.63	0	108.23	15.3	15.9	0	27.97	15.83	23.87	0	268.43	43.61	0	76.65	
27/12/2024 12:30	10.39														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
27/12/2024 13:30	10.11	0	103.35	15.36	15.25	0	26.77	16.27	25.58	0	258.23	45.78	0	80.38	
27/12/2024 13:35	10.09	0	108.09	15.29	14.89	0	30.07	16.18	24.98	0	267.7	44.02	0	87.22	
27/12/2024 13:40	10.08	0	108.63	15.28	14.98	0	26.68	16.23	24.91	0	268.5	44.67	0	79.43	
27/12/2024 13:45	10	0	104.77	15.36	14.41	0	26.81	16.32	25.31	0	261.84	43.73	0	81.38	
27/12/2024 13:50	10.15	0	109.26	15.29	14	0	30.19	16.25	25.15	0	270.75	42.06	0	88.9	
27/12/2024 13:55	9.83	0	109.36	15.28	13.98	0	24.55	16.65	24.32	0	270.62	46.01	0	80.52	
27/12/2024 14:00	9.65	0	106.52	15.38	12.83	0	22.49	17.21	24.6	0	266.51	48.35	0	84.76	
27/12/2024 14:05	10.18	0	109.34	15.29	12.84	0	24.73	16.98	25.23	0	271.04	46.08	0	86.91	
27/12/2024 14:10	10.33	0	108.95	15.29	13.99	0	24.88	16.64	25.57	0	269.76	45.86	0	81.25	
27/12/2024 14:15	9.91	0	103.78	15.41	14.28	0	24.21	16.79	25.51	0	260.2	48.26	0	81.83	
27/12/2024 14:20	10.13	0	109.08	15.29	14.25	0	28.26	16.59	25.09	0	270.08	46.51	0	89.09	
27/12/2024 14:25	9.69	0	108.98	15.28	14.62	0	26.73	16.25	23.95	0	269.46	43.76	0	79.94	
27/12/2024 14:30	9.6	0	103.42	15.33	15.27	0	26.82	16.27	24.1	0	257.95	45.84	0	80.52	
27/12/2024 14:35	10.38	0	107.28	15.29	14.99	0	29.6	16.16	25.73	0	265.75	44.15	0	85.74	
27/12/2024 14:40	9.64	0	107.31	15.28	15.23	0	27.34	16.06	23.84	0	265.4	43.78	0	78.53	
27/12/2024 14:45	10.04	0	103.36	15.36	15.31	0	27.14	16.11	25.36	0	258.03	44.47	0	78.82	
27/12/2024 14:50	10.49	0	107.67	15.3	14.9	0	30.82	16.03	26.02	0	267.08	42.68	0	86.9	
27/12/2024 14:55	9.88	0	107.28	15.29	14.84	0	27.34	16.11	24.45	0	265.62	43.09	0	79.34	
27/12/2024 15:00	10.29	0	103.81	15.37	14.7	0	26.05	16.29	26.03	0	259.42	44.38	0	78.62	
27/12/2024 15:05	10.16	0	108.73	15.29	14.39	0	28.76	16.19	25.19	0	269.6	42.61	0	83.88	
27/12/2024 15:10	10.08	0	109.16	15.28	14.31	0	26.46	16.39	24.95	0	270.19	44.26	0	81.71	
27/12/2024 15:15	9.65	0	104.52	15.35	14.22	0	24.59	16.72	24.33	0	261.25	47.27	0	81.72	
27/12/2024 15:20	9.78	0	109.74	15.29	14.02	0	29.18	16.51	24.24	0	271.97	44.88	0	90.11	
27/12/2024 15:25	9.95	0	110.56	15.29	14.17	0	25.11	16.53	24.67	0	274.05	45.24	0	79.81	
27/12/2024 15:30	9.77	0	105.57	15.39	13.67	0	23.47	16.91	24.94	0	264.63	47.57	0	81.68	
27/12/2024 15:35	9.85	0	109.14	15.3	13.56	0	28.17	16.73	24.46	0	270.94	45.58	0	94.01	
27/12/2024 15:40	9.73	0	108.73	15.3	13.98	0	25.04	16.58	24.14	0	269.67	45.2	0	80.63	
27/12/2024 15:45	9.93	0	104.38	15.38	13.9	0	23.34	16.97	25.18	0	262.52	49.21	0	82.6	
27/12/2024 15:50	9.72	0	109.83	15.31	13.86	0	25.9	16.77	24.16	0	273.05	47.22	0	86.16	
27/12/2024 15:55	9.81	0	110.19	15.31	13.98	0	25.94	16.49	24.38	0	273.81	44.22	0	81.83	
27/12/2024 16:00	9.53	0	105.94	15.38	13.66	0	23.8	16.84	24.23	0	265.17	46.78	0	81.47	
27/12/2024 16:05	9.65	0	109.28	15.31	13.32	0	28.02	16.66	23.99	0	271.64	44.25	0	89.37	
27/12/2024 16:10	8.98	0	109.59	15.3	13.91	0	25.36	16.59	22.29	0	271.95	45.05	0	81.86	
27/12/2024 16:15	9.26	0	104.85	15.44	13.34	0	23.51	16.98	24.02	0	264.31	47.25	0	83.25	
27/12/2024 16:20	9.81	0	110.05	15.31	13.1	0	27.69	16.78	24.41	0	273.79	44.85	0	90.89	
27/12/2024 16:25	8.8	0	110.44	15.3	13.47	0	24.57	16.75	21.83	0	274.05	45.52	0	82.5	
27/12/2024 16:30	9.44	0	105.95	15.39	12.86	0	22.47	17.19	24.09	0	267.96	48.21	0	84.2	
27/12/2024 16:35	9.45	0	110.17	15.31	12.78	0	26.19	17.01	23.5	0	273.91	46.26	0	90.58	
27/12/2024 16:40	9.56	0	110.06	15.3	13.18	0	24.22	16.83	23.74	0	273.19	45.29	0	82.83	
27/12/2024 16:45	9.3	0	105.68	15.45	12.49	0	20.77	17.51	24.23	0	267.09	51.3	0	85.26	
27/12/2024 16:50	9.93	0	109.74	15.32	12.82	0	26.88	17.03	24.73	0	273.38	47.75	0	93.19	
27/12/2024 16:55	9.69	0	109.72	15.32	15.75	0	30.73	15.62	24.11	0	273.1	41.52	0	80.98	
27/12/2024 17:00	9.81	0	105.24	15.35	15.95	0	29.9	15.72	24.65	0	262.99	42.82	0	80.26	
27/12/2024 17:05	9.61	0	109.77	15.32	15.32	0	30.48	15.8	23.94	0	273.28	41.77	0	82.99	
27/12/2024 17:10	9.22	0	110.03	15.31	12.91	0	22.58	17.05	22.92	0	273.57	47.12	0	81.8	
27/12/2024 17:15	9.84	0	104.26	15.45	11.57	0	18.8	17.87	25.62	0	263.16	53.15	0	86.36	
27/12/2024 17:20	11.12	0	103.75	15.27	11.78	0	21.66	17.56	27.45	0	256.21	50.32	0	88.69	
27/12/2024 17:25	11.11	0	103.91	15.27	12.59	0	21.79	17.24	27.42	0	256.48	48.65	0	83	
27/12/2024 17:30	10.47	0	99.98	15.43	11.05	0	17.62	18.02	27.09	0	251.36	53.32	0	85.01	
27/12/2024 17:35	10.68	0	103.91	15.27	11.36	0	23.21	17.59	26.37	0	256.57	49.34	0	92.4	
27/12/2024 17:40	10.44	0	104.25	15.26	12.12	0	20.71	17.53	25.73	0	256.97	51.54	0	85.8	
27/12/2024 17:45	9.74	0	102.29	15.47	9.89	0	13.91	18.76	25.76	0	258.11	64.43	0	90.57	
27/12/2024 17:50	9.87	0	109.78	15.32	10.34	0	19.69	18.24	24.6	0	273.58	59.02	0	96.55	
27/12/2024 17:55	9.66	0	111	15.32	12.7	0	21.33	17.21	24.05	0	276.44	48.83	0	80.73	
27/12/2024 18:00	9.21	0	104.72	15.44	11.4	0	16.72	18.2	24	0	265.88	58.78	0	86.14	
27/12/2024 18:05	10.08	0	111.31	15.32	11.65	0	23.34	17.8	25.11	0	277.26	54.83	0	105.62	
27/12/2024 18:10	9.92	0	111.66	15.31	13.11	0	23.17	16.95	24.68	0	277.69	46.55	0	81.62	
27/12/2024 18:15	9.38	0	107.27	15.43	12.21	0	19.82	17.64	24.29	0	269.99	52.12	0	84.62	
27/12/2024 18:20	9.75	0	110.9	15.32	12.23	0	24.74	17.32	24.27	0	276.17	48.86	0	92.17	
27/12/2024 18:25	9.69	0	110.75	15.32	13.95	0	26.67	16.44	24.11	0	275.67	43.66	0	83.22	
27/12/2024 18:30	9.32	0	109.22	15.39	13.36	0	24.57	16.92	23.76	0	275.44	46.62	0	85.71	
27/12/2024 18:35	9.94	0	111.07	15.32	13.32	0	28.76	16.71	24.77	0	276.88	44.68	0	93.01	
27/12/2024 18:40	10.55	0	111.27	15.32	14.04	0	27.42	16.38	26.28	0	277.26	43.34	0	84.45	
27/12/2024 18:45	10.15	0	106.15	15.39	14.05	0	26.27	16.69	25.75	0	267.43	46.4	0	86.74	
27/12/2024 18:50	9.45	0	110.71	15.32	13.8	0	30.34	16.54	23.52	0	275.58	44.4	0	94.69	
27/12/2024 18:55	9.36	0	110.56	15.31	14.24	0	28.51	16.29	23.28	0	275.05	43.08	0	86.13	
27/12/2024 19:00	9.7	0	107.44	15.39	14.14	0	26.98	16.6	24.69	0	269.64	45.7	0	87.16	
27/12/2024 19:05	9.55	0	111.8	15.32	13.96	0	31.52	16.43	23.78	0	278.3	43.82	0	96.02	
27/12/2024 19:10	9.61	0	112.56	15.31	14.03	0	28.57	16.35	23.91	0	280.1	43.01	0	87.35	
27/12/2024 19:15	9.45	0	108.38	15.39	14.39	0	26.99	16.6	24.06	0	271.85	46.52	0	87.23	
27/12/2024 19:20	9.65	0	112.04	15.32	14.21	0	30.14	16.47	24.05	0	279.26	44.94	0	93.22	
27/12/2024 19:25	9.58	0	112.17	15.32	14.27	0	28.77	16.29	23.84	0	279.21	43.14	0	86.74	
27/12/2024 19:30	9.37	0	106.68	15.42	14.15	0	27.18	16.58	23.98	0	268.29	45.58	0	87.55	
27/12/2024 19:35	10.01	0	111.85	15.31	14	0	30.1	16.44	24.9	0	278.34	43.91	0	92.55	
27/12/2024 19:40	10.06	0	111.22	15.31	14.08	0	28.34	16.39	25.02	0	276.52	43.5	0	87.33	
27/12/2024 19:45	9.82	0	107.77	15.39	13.76	0	25.86	16.64	25.02	0	270.51	44.92	0	84.4	
27/12/2024 19:50	9.65	0	111.88	15.31	13.62	0	29.06	16.46	23.99	0	278.16	42.93	0	89.53	
27/12/2024 19:55	8.94	0	111.44	15.3	14.64	0	29.08	16.17	22.18	0	276.6	43.04	0	85.39	
27/12/2024 20:00	9.55	0	108.49	15.36	14.67										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
27/12/2024 21:00	9.51	0	108.4	15.34	15.42	0	30.05	15.92	23.86	0	270.41	43.05	0	83.93	
27/12/2024 21:05	9.88	0	111.77	15.31	14.84	0	34.07	15.87	24.59	0	278.06	41.18	0	93.3	
27/12/2024 21:10	9.72	0	111.72	15.31	15.05	0	29.83	15.95	24.16	0	277.69	42.3	0	83.76	
27/12/2024 21:15	9.92	0	107.87	15.36	14.97	0	30.36	16	24.97	0	269.7	42.5	0	86.19	
27/12/2024 21:20	10.02	0	111.87	15.31	14.66	0	35.05	15.95	24.94	0	278.36	41.27	0	98.31	
27/12/2024 21:25	10.94	0	112.42	15.31	14.55	0	29.96	16.01	27.21	0	279.67	41.41	0	85.18	
27/12/2024 21:30	10.1	0	108.4	15.35	15.15	0	29.69	16.05	25.42	0	270.75	43.38	0	85.04	
27/12/2024 21:35	9.83	0	111.54	15.31	14.7	0	33.11	15.97	24.44	0	277.4	41.56	0	92.35	
27/12/2024 21:40	9.22	0	111.19	15.3	14.7	0	30.32	16.03	22.88	0	275.91	41.98	0	86.48	
27/12/2024 21:45	9.32	0	107.18	15.34	14.94	0	30.08	16.08	23.36	0	267.69	43.07	0	86.72	
27/12/2024 21:50	9.65	0	111.45	15.31	14.6	0	33.41	15.99	23.99	0	277.1	41.5	0	93.65	
27/12/2024 21:55	9.86	0	111.52	15.31	14.76	0	30.22	15.95	24.5	0	277.11	41.5	0	84.87	
27/12/2024 22:00	9.73	0	107.64	15.35	14.91	0	29.64	16.02	24.46	0	268.7	42.48	0	84.47	
27/12/2024 22:05	9.74	0	111.3	15.31	14.52	0	33.12	15.94	24.22	0	276.84	40.81	0	91.91	
27/12/2024 22:10	10.05	0	111.41	15.31	14.81	0	29.94	15.92	24.99	0	277.14	41.35	0	83.54	
27/12/2024 22:15	9.93	0	107.37	15.35	15.28	0	29.82	15.94	24.96	0	268.2	42.87	0	83.64	
27/12/2024 22:20	9.54	0	110.84	15.3	14.93	0	33.67	15.89	23.7	0	275.34	41.53	0	93.44	
27/12/2024 22:25	8.81	0	111.38	15.3	14.84	0	29.3	15.93	21.86	0	276.29	41.52	0	81.96	
27/12/2024 22:30	9.53	0	107.37	15.35	15.04	0	29.85	15.99	23.96	0	267.82	42.58	0	84.53	
27/12/2024 22:35	9.78	0	111.28	15.3	14.81	0	34.42	15.93	24.27	0	276.06	41.53	0	96.16	
27/12/2024 22:40	10.25	0	111.86	15.3	14.93	0	29.87	15.86	25.43	0	277.5	41.24	0	82.43	
27/12/2024 22:45	9.9	0	106.74	15.34	15.41	0	29.27	15.87	24.88	0	266.25	42.59	0	80.9	
27/12/2024 22:50	9.85	0	110.41	15.3	14.99	0	32.21	15.83	24.46	0	274.27	41.2	0	87.69	
27/12/2024 22:55	9.97	0	110.09	15.3	15.07	0	29.82	15.85	24.74	0	273.27	41.54	0	82.18	
27/12/2024 23:00	9.43	0	106.24	15.33	15.4	0	30.65	15.88	23.6	0	265.01	42.66	0	84.92	
27/12/2024 23:05	9.75	0	111.79	15.3	14.95	0	33.82	15.85	24.22	0	277.6	41.22	0	92.33	
27/12/2024 23:10	9.67	0	112.34	15.3	14.67	0	30.09	15.9	23.99	0	278.7	40.8	0	83.67	
27/12/2024 23:15	9.25	0	109.06	15.33	15.21	0	30.42	15.89	23.13	0	271.44	42.16	0	84.32	
27/12/2024 23:20	9.65	0	111.59	15.3	14.88	0	32.4	15.86	23.97	0	277.19	41.09	0	88.9	
27/12/2024 23:25	9.83	0	110.92	15.3	14.71	0	30.3	15.93	24.4	0	275.4	41.18	0	84.83	
27/12/2024 23:30	9.74	0	107.01	15.35	14.93	0	31.02	15.97	24.45	0	267.71	42.06	0	87.37	
27/12/2024 23:35	9.66	0	112.03	15.31	14.54	0	34.44	15.91	24.03	0	278.64	40.62	0	95.1	
27/12/2024 23:40	9.69	0	112.2	15.3	14.57	0	30.31	15.95	24.07	0	278.74	40.92	0	85.07	
27/12/2024 23:45	9.9	0	108.44	15.35	15.16	0	30.3	15.91	24.85	0	270.7	42.27	0	84.47	
27/12/2024 23:50	9.88	0	111.71	15.31	14.83	0	31.42	15.88	24.59	0	277.99	41.15	0	86.85	
27/12/2024 23:55	10.36	0	111.44	15.31	14.66	0	29.91	15.99	25.76	0	277.15	41.57	0	84.76	
28/12/2024 00:00	10.1	0	108.05	15.36	14.97	0	30.5	16.06	25.42	0	270.18	43.01	0	87.63	
28/12/2024 00:05	10.17	0	111.64	15.32	14.69	0	33.69	16.02	25.32	0	277.9	41.93	0	94.9	
28/12/2024 00:10	10.59	0	112.44	15.32	14.41	0	29.14	16.16	26.37	0	279.87	42.31	0	85.49	
28/12/2024 00:15	9.65	0	106.74	15.36	14.64	0	29.47	16.18	24.3	0	267.33	43.12	0	86.79	
28/12/2024 00:20	10.35	0	111.11	15.32	14.36	0	32.8	16.09	25.77	0	276.56	41.63	0	93.63	
28/12/2024 00:25	10.58	0	111.05	15.31	14.75	0	28.63	16.07	26.3	0	276.1	42.52	0	82.47	
28/12/2024 00:30	10.02	0	105.3	15.35	15	0	28.68	16.14	25.2	0	263.34	43.8	0	83.76	
28/12/2024 00:35	9.9	0	110.43	15.31	14.66	0	31.76	16.05	24.62	0	274.49	42.13	0	89.99	
28/12/2024 00:40	9.97	0	109.84	15.3	14.92	0	29.31	15.93	24.76	0	272.8	41.75	0	81.99	
28/12/2024 00:45	9.88	0	107.69	15.34	15.21	0	29.3	15.93	24.76	0	268.64	42.55	0	81.96	
28/12/2024 00:50	10.06	0	110.29	15.3	14.81	0	33.06	15.87	24.97	0	273.83	41.01	0	90.46	
28/12/2024 00:55	10.41	0	110.08	15.3	15.05	0	29.62	15.86	25.82	0	273.08	41.52	0	81.7	
28/12/2024 01:00	10.22	0	106.36	15.34	15.4	0	30.21	15.89	25.61	0	265.04	42.72	0	83.81	
28/12/2024 01:05	10.36	0	110.06	15.3	15.12	0	33.43	15.83	25.71	0	273.19	41.5	0	90.85	
28/12/2024 01:10	11.03	0	109.77	15.3	15.28	0	30.51	15.79	27.37	0	272.38	41.58	0	82.96	
28/12/2024 01:15	10.45	0	105.62	15.33	15.41	0	29.93	15.81	26.15	0	263.06	42.11	0	81.75	
28/12/2024 01:20	10.08	0	109.14	15.3	15.04	0	32.95	15.77	25.04	0	271.01	40.8	0	88.57	
28/12/2024 01:25	9.94	0	109.34	15.29	15.11	0	29.59	15.88	24.63	0	271.03	41.86	0	81.91	
28/12/2024 01:30	10.29	0	105.78	15.34	15.38	0	29.28	15.91	25.82	0	263.75	42.85	0	81.59	
28/12/2024 01:35	10.2	0	109.78	15.3	15.07	0	32.9	15.83	25.3	0	272.37	41.45	0	89.47	
28/12/2024 01:40	10.55	0	109.63	15.29	15.51	0	30.17	15.79	26.14	0	271.65	42.25	0	82.12	
28/12/2024 01:45	10.24	0	105.55	15.32	15.25	0	29.53	15.91	25.57	0	262.9	42.49	0	82.28	
28/12/2024 01:50	10.35	0	109.72	15.3	14.85	0	31.91	15.86	25.67	0	272.09	41.09	0	87.57	
28/12/2024 01:55	10.11	0	109.61	15.29	15.15	0	29.81	15.95	25.05	0	271.61	42.61	0	83.79	
28/12/2024 02:00	9.95	0	105.57	15.34	14.91	0	29.9	16.1	24.95	0	263.35	43.2	0	86.63	
28/12/2024 02:05	10.12	0	111.15	15.3	14.61	0	33.93	15.99	25.11	0	275.78	41.51	0	95	
28/12/2024 02:10	10.05	0	111.56	15.29	15.07	0	33.25	15.77	24.9	0	276.45	40.88	0	90.18	
28/12/2024 02:15	9.92	0	107.26	15.33	15.22	0	31.52	15.88	24.84	0	267.03	42.09	0	87.21	
28/12/2024 02:20	10.18	0	110.55	15.3	14.86	0	34.55	15.81	25.25	0	274.23	40.68	0	93.59	
28/12/2024 02:25	10.33	0	109.66	15.29	15.11	0	31.35	15.8	25.57	0	271.5	41.22	0	85.53	
28/12/2024 02:30	10.11	0	105.47	15.32	15	0	30.42	15.89	25.24	0	262.53	41.64	0	84.45	
28/12/2024 02:35	10.22	0	110.03	15.29	14.61	0	34.03	15.82	25.32	0	272.6	40.07	0	92.33	
28/12/2024 02:40	10.45	0	109.98	15.29	15.09	0	30.65	15.74	25.88	0	272.31	40.66	0	82.53	
28/12/2024 02:45	10	0	105.68	15.34	15.63	0	30.55	15.83	25.07	0	263.33	42.91	0	83.83	
28/12/2024 02:50	10.17	0	109.83	15.29	15.24	0	33.82	15.78	25.21	0	272.35	41.49	0	91.19	
28/12/2024 02:55	10.42	0	110.36	15.29	15.04	0	30.46	15.76	25.83	0	273.47	40.67	0	82.37	
28/12/2024 03:00	9.93	0	105.66	15.32	15.19	0	30.87	15.83	24.78	0	263.01	41.61	0	84.57	
28/12/2024 03:05	10.02	0	110.39	15.3	14.73	0	34.41	15.78	24.85	0	273.76	40.09	0	92.73	
28/12/2024 03:10	9.91	0	110.52	15.29	15.02	0	31.58	15.78	24.53	0	273.7	40.83	0	85.82	
28/12/2024 03:15	9.98	0	107.76	15.32	14.89	0	30.53	15.85	24.92	0	268.16	40.94	0	83.94	
28/12/2024 03:20	10.15	0	110.05	15.29	14.57	0	33.28	15.8	25.16	0	272.69	39.78	0	89.97	
28/12/2024 03:25	9.77	0	109.23	15.28	15.01	0	30.7	15.8	24.15	0	270.08	40.91	0	83.65	
28/12/2024 03:30	9.94	0	103.81	15.31	15.22	0									



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28/12/2024 04:30	10.15	0	106.94	15.32	15.38	0	32.63	15.84	25.38	0	265.84	42.25	0	89.6	
28/12/2024 04:35	10.28	0	111.16	15.29	15.1	0	35.86	15.8	25.45	0	275.26	41.21	0	97.07	
28/12/2024 04:40	10.47	0	110.75	15.28	14.95	0	32.65	15.83	25.91	0	274.06	41.01	0	89.56	
28/12/2024 04:45	10.18	0	107.88	15.32	15.34	0	32.48	15.86	25.48	0	268.19	42.3	0	89.54	
28/12/2024 04:50	10.06	0	111.76	15.28	14.98	0	36.13	15.81	24.9	0	276.52	41.02	0	97.96	
28/12/2024 04:55	10.39	0	112.05	15.28	14.9	0	32.15	15.87	25.7	0	277.11	41.23	0	88.94	
28/12/2024 05:00	10.53	0	108.72	15.32	15.37	0	32.01	15.86	26.28	0	270.15	42.36	0	88.25	
28/12/2024 05:05	9.73	0	111.7	15.28	14.97	0	35.18	15.81	24.09	0	276.41	40.96	0	95.37	
28/12/2024 05:10	9.83	0	112.75	15.28	14.97	0	33.07	15.85	24.3	0	278.77	41.19	0	90.98	
28/12/2024 05:15	9.88	0	109.99	15.31	15.66	0	33.94	15.76	24.61	0	273.05	42.3	0	91.69	
28/12/2024 05:20	10.2	0	111.56	15.28	15.31	0	37.59	15.68	25.24	0	276.06	40.83	0	99.47	
28/12/2024 05:25	10.42	0	111.33	15.28	15.67	0	32.76	15.59	25.78	0	275.33	41.05	0	85.8	
28/12/2024 05:30	10.45	0	107.66	15.31	15.87	0	32.03	15.62	26.03	0	267.26	41.8	0	84.35	
28/12/2024 05:35	10.1	0	111.3	15.28	15.35	0	35.08	15.59	24.98	0	275.1	40.21	0	91.36	
28/12/2024 05:40	10.03	0	111.11	15.27	15.78	0	32.66	15.57	24.77	0	274.34	41.13	0	85.17	
28/12/2024 05:45	10.12	0	106.49	15.3	16.11	0	31.83	15.58	25.18	0	264.02	42.08	0	83.15	
28/12/2024 05:50	10.45	0	109.97	15.28	15.76	0	33.15	15.55	25.83	0	271.91	40.96	0	85.97	
28/12/2024 05:55	10.59	0	109.88	15.27	15.95	0	32.87	15.52	26.16	0	271.29	41.24	0	85	
28/12/2024 06:00	10.35	0	108.67	15.3	16.43	0	32.41	15.55	25.7	0	269.46	42.71	0	84.24	
28/12/2024 06:05	10.32	0	110.43	15.28	15.96	0	35.1	15.53	25.55	0	273.33	41.37	0	90.64	
28/12/2024 06:10	10.58	0	110.8	15.28	15.74	0	34.21	15.57	26.16	0	274.02	41.03	0	89.2	
28/12/2024 06:15	10.24	0	107.81	15.31	15.8	0	34.17	15.6	25.5	0	267.65	41.46	0	89.62	
28/12/2024 06:20	10.17	0	111.83	15.29	15.38	0	37.46	15.57	25.19	0	277.1	40.17	0	97.34	
28/12/2024 06:25	10.27	0	111.69	15.28	15.55	0	33.4	15.58	25.41	0	276.45	40.65	0	87.26	
28/12/2024 06:30	10.31	0	107.02	15.32	15.73	0	32.61	15.62	25.73	0	265.98	41.41	0	85.86	
28/12/2024 06:35	10.17	0	111.21	15.28	15.38	0	35.45	15.59	25.18	0	275.26	40.34	0	92.5	
28/12/2024 06:40	10.34	0	110.83	15.28	15.61	0	32.56	15.61	25.58	0	274.1	40.98	0	85.49	
28/12/2024 06:45	10.26	0	108.73	15.31	15.79	0	32.24	15.63	25.54	0	269.87	41.67	0	85.11	
28/12/2024 06:50	10.31	0	111.62	15.29	15.47	0	36.11	15.59	25.54	0	276.55	40.54	0	94.09	
28/12/2024 06:55	10.78	0	111.11	15.29	15.71	0	32.45	15.57	26.7	0	275.18	40.96	0	84.58	
28/12/2024 07:00	10.13	0	108.22	15.3	16.01	0	32.83	15.59	25.19	0	268.55	41.91	0	85.94	
28/12/2024 07:05	10.48	0	111.44	15.29	15.59	0	35.69	15.56	25.96	0	276.11	40.63	0	92.59	
28/12/2024 07:10	10.55	0	111.42	15.29	15.66	0	33.37	15.56	26.11	0	275.87	40.8	0	86.91	
28/12/2024 07:15	10.44	0	106.89	15.31	16.12	0	32.66	15.58	25.97	0	265.51	42.1	0	85.29	
28/12/2024 07:20	10.56	0	111.08	15.29	15.81	0	36.48	15.56	26.17	0	275.26	41.16	0	94.83	
28/12/2024 07:25	10.86	0	110.97	15.29	15.78	0	32.84	15.56	26.9	0	274.9	41.06	0	85.4	
28/12/2024 07:30	10.69	0	106.97	15.32	16.26	0	32.48	15.58	26.66	0	265.94	42.49	0	84.87	
28/12/2024 07:35	10.57	0	111.53	15.29	15.9	0	34.86	15.56	26.22	0	276.56	41.41	0	90.48	
28/12/2024 07:40	10.59	0	111.73	15.29	15.87	0	32.32	15.59	26.24	0	276.8	41.56	0	84.6	
28/12/2024 07:45	10.55	0	106.71	15.32	16.2	0	31.9	15.61	26.34	0	265.42	42.59	0	83.88	
28/12/2024 07:50	10.54	0	110.45	15.3	15.85	0	36.36	15.59	26.15	0	274	41.57	0	95.1	
28/12/2024 07:55	10.45	0	110.22	15.29	15.7	0	32.21	15.63	25.9	0	273.12	41.41	0	84.96	
28/12/2024 08:00	10.41	0	106.57	15.32	16.04	0	31.65	15.67	25.98	0	265.15	42.65	0	84.18	
28/12/2024 08:05	10.55	0	110.11	15.3	15.63	0	35.05	15.64	26.17	0	273.28	41.37	0	92.16	
28/12/2024 08:10	10.61	0	110.23	15.3	15.78	0	31.85	15.65	26.32	0	273.46	41.82	0	84.37	
28/12/2024 08:15	10.51	0	106.74	15.32	16	0	31.49	15.69	26.24	0	265.52	42.69	0	84.01	
28/12/2024 08:20	10.49	0	109.98	15.29	15.63	0	34.59	15.65	25.99	0	272.59	41.44	0	91.13	
28/12/2024 08:25	10.61	0	110.19	15.29	15.88	0	32.14	15.62	26.3	0	273.12	41.81	0	84.6	
28/12/2024 08:30	10.32	0	107.5	15.31	16.05	0	32	15.67	25.72	0	267.23	42.66	0	85.08	
28/12/2024 08:35	10.54	0	110	15.3	15.82	0	35.53	15.63	26.13	0	272.85	41.74	0	93.22	
28/12/2024 08:40	11	0	109.77	15.29	15.96	0	31.44	15.6	27.27	0	272.15	41.85	0	82.46	
28/12/2024 08:45	10.59	0	105.24	15.32	16.31	0	31.64	15.65	26.48	0	261.85	43.14	0	83.69	
28/12/2024 08:50	10.69	0	109.34	15.3	15.92	0	32.61	15.62	26.52	0	271.26	41.94	0	85.76	
28/12/2024 08:55	10.66	0	109.39	15.29	16.07	0	31.54	15.6	26.41	0	271.07	42.16	0	82.74	
28/12/2024 09:00	10.58	0	105.1	15.31	16.56	0	31.19	15.64	26.36	0	261.43	43.8	0	82.51	
28/12/2024 09:05	10.81	0	109.39	15.3	16.08	0	34.42	15.6	26.84	0	271.6	42.28	0	89.92	
28/12/2024 09:10	10.25	0	108.94	15.29	16.12	0	31.88	15.57	25.39	0	269.8	42.03	0	83.13	
28/12/2024 09:15	10.41	0	107.13	15.31	16.45	0	31.72	15.6	25.92	0	266.26	43.15	0	83.17	
28/12/2024 09:20	10.58	0	109.71	15.3	16.11	0	33.91	15.58	26.23	0	272.09	42.1	0	88.33	
28/12/2024 09:25	10.25	0	110.25	15.29	15.94	0	31.95	15.57	25.41	0	273.28	41.57	0	83.31	
28/12/2024 09:30	10.55	0	106	15.32	16.59	0	31.51	15.6	26.32	0	263.62	43.51	0	82.67	
28/12/2024 09:35	10.7	0	109.89	15.3	16.26	0	33.49	15.58	26.55	0	272.63	42.49	0	87.25	
28/12/2024 09:40	10.97	0	110.97	15.29	15.99	0	31.68	15.59	27.2	0	275.13	41.87	0	82.96	
28/12/2024 09:45	11	0	106.66	15.33	16.29	0	31.97	15.64	27.47	0	265.56	43.02	0	84.41	
28/12/2024 09:50	10.58	0	109.52	15.3	15.84	0	35.05	15.6	26.27	0	271.94	41.64	0	91.6	
28/12/2024 09:55	10.48	0	110	15.3	16.18	0	31.42	15.6	26	0	272.81	42.42	0	82.35	
28/12/2024 10:00	10.59	0	106.34	15.32	16.68	0	30.91	15.63	26.46	0	264.71	44.04	0	81.59	
28/12/2024 10:05	10.98	0	109.22	15.31	16.27	0	34.27	15.6	27.31	0	271.51	42.75	0	89.54	
28/12/2024 10:10	11.66	0	108.83	15.3	16.19	0	30.62	15.63	28.96	0	270.35	42.72	0	80.78	
28/12/2024 10:15	11.11	0	106.17	15.33	16.75	0	30.3	15.65	27.77	0	264.71	44.38	0	80.25	
28/12/2024 10:20	10.78	0	109	15.31	16.44	0	32.33	15.62	26.81	0	271.06	43.35	0	84.91	
28/12/2024 10:25	11.14	0	109.19	15.3	16.38	0	30.89	15.61	27.68	0	271.25	43.01	0	81.11	
28/12/2024 10:30	10.62	0	105.65	15.33	16.33	0	31.61	15.63	26.54	0	263.25	43.1	0	83.45	
28/12/2024 10:35	10.76	0	109.54	15.31	15.93	0	34.7	15.6	26.76	0	272.39	41.85	0	90.68	
28/12/2024 10:40	11.03	0	110.27	15.31	16.12	0	31.62	15.6	27.42	0	274.08	42.31	0	82.97	
28/12/2024 10:45	10.69	0	107.05	15.33	16.26	0	31.14	15.61	26.7	0	266.79	42.74	0	81.85	
28/12/2024 10:50	10.67	0	109.98	15.31	15.91	0	33.13	15.59	26.55	0	273.6	41.68	0	86.48	
28/12/2024 10:55	11.23	0	110.23	15.31	16.13	0	31.57	15.61	27.94	0	274.15	42.41	0	83.01	
28/12/2024 11:00	10.73	0	105.09	1											



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28/12/2024 12:00	10.26	0	106.96	15.32	16.34	0	32.46	15.68	25.62	0	265.91	43.47	0	86.38	
28/12/2024 12:05	10.25	0	111.16	15.29	15.81	0	35.59	15.66	25.41	0	275.5	41.97	0	93.87	
28/12/2024 12:10	10.14	0	111.61	15.29	15.59	0	31	15.77	25.11	0	276.34	42.29	0	84.04	
28/12/2024 12:15	10.08	0	105.99	15.34	15.76	0	30.85	15.81	25.25	0	264.01	43	0	84.18	
28/12/2024 12:20	10.28	0	110.74	15.29	15.33	0	32.69	15.79	25.47	0	274.54	41.75	0	88.56	
28/12/2024 12:25	9.97	0	110.42	15.28	15.26	0	29.38	16.04	24.65	0	273.09	43.69	0	84.04	
28/12/2024 12:30	9.72	0	106.72	15.34	15.23	0	30.3	16.09	24.42	0	265.84	44.02	0	87.59	
28/12/2024 12:35	10.23	0	110.71	15.29	14.93	0	33.84	16.02	25.34	0	274.12	42.61	0	95.27	
28/12/2024 12:40	10.03	0	111.27	15.28	14.88	0	29.5	15.99	24.81	0	275.18	42.13	0	83.45	
28/12/2024 12:45	10.15	0	108.87	15.33	15.17	0	29.77	16.02	25.42	0	271.12	43.2	0	84.82	
28/12/2024 12:50	10.26	0	111.57	15.3	14.97	0	31.62	15.97	25.46	0	276.8	42.26	0	88.7	
28/12/2024 12:55	10.08	0	111.55	15.29	15.02	0	29.68	16.02	24.97	0	276.34	42.79	0	84.49	
28/12/2024 13:00	10	0	107.07	15.35	15.37	0	29.88	16.04	25.19	0	267.17	43.95	0	85.45	
28/12/2024 13:05	10.33	0	110.67	15.3	15.12	0	33.02	15.97	25.62	0	274.59	42.78	0	92.21	
28/12/2024 13:10	10.14	0	110.48	15.3	15.29	0	30.62	15.88	25.16	0	274.09	42.37	0	84.82	
28/12/2024 13:15	9.89	0	107.65	15.33	15.51	0	30.44	15.89	24.77	0	268.06	43.07	0	84.5	
28/12/2024 13:20	10.22	0	111.13	15.3	15.12	0	33.28	15.85	25.37	0	275.86	41.73	0	90.94	
28/12/2024 13:25	10.41	0	111.19	15.3	15.26	0	29.81	15.94	25.81	0	275.75	42.78	0	83.54	
28/12/2024 13:30	10.38	0	107.03	15.34	15.34	0	30.51	15.94	26.05	0	267.02	42.98	0	85.46	
28/12/2024 13:35	10.25	0	111.12	15.3	14.92	0	33.63	15.91	25.47	0	276.04	41.6	0	92.79	
28/12/2024 13:40	10.73	0	110.94	15.3	15.11	0	29.03	16.02	26.67	0	275.59	43.09	0	82.75	
28/12/2024 13:45	10.34	0	107.22	15.35	15.3	0	30.13	16.02	26.02	0	267.79	43.56	0	85.77	
28/12/2024 13:50	10.05	0	111.3	15.3	14.73	0	33.45	15.98	24.95	0	276.3	41.74	0	93.55	
28/12/2024 13:55	9.3	0	111.33	15.29	14.64	0	28.64	16.21	23.04	0	275.87	43.49	0	84.94	
28/12/2024 14:00	9.4	0	108.34	15.35	15	0	27.48	16.28	23.71	0	270.4	45.15	0	82.67	
28/12/2024 14:05	10.25	0	110.91	15.3	14.68	0	29.67	16.22	25.45	0	275.3	43.76	0	87.21	
28/12/2024 14:10	10.36	0	110.77	15.29	14.49	0	29.15	16.1	25.68	0	274.63	42.03	0	84.53	
28/12/2024 14:15	9.98	0	107.39	15.35	15.34	0	30.88	16.05	25.08	0	267.85	43.98	0	88.55	
28/12/2024 14:20	10.18	0	110.86	15.3	14.92	0	34.86	16.04	25.28	0	275.31	42.7	0	99.47	
28/12/2024 14:25	9.72	0	110.8	15.3	14.17	0	27.42	16.36	24.11	0	274.86	43.47	0	83.99	
28/12/2024 14:30	9.71	0	106.22	15.38	14.53	0	27.94	16.39	24.67	0	265.96	44.77	0	86.08	
28/12/2024 14:35	10.28	0	110.87	15.3	14.17	0	31.51	16.31	25.51	0	275.2	43.08	0	93.74	
28/12/2024 14:40	10.05	0	110.81	15.28	13.68	0	26.53	16.58	24.87	0	274.29	44.19	0	85.43	
28/12/2024 14:45	9.66	0	105.93	15.41	13.64	0	24.94	16.83	24.85	0	266.19	46.62	0	85.25	
28/12/2024 14:50	9.86	0	111.1	15.3	13.43	0	28.29	16.7	24.49	0	275.8	44.89	0	91.8	
28/12/2024 14:55	9.75	0	111.41	15.3	13.44	0	25.38	16.77	24.19	0	276.45	45.45	0	85.64	
28/12/2024 15:00	9.67	0	106.08	15.43	12.64	0	23.85	17.08	24.84	0	267.4	45.94	0	86.71	
28/12/2024 15:05	10.1	0	110.92	15.31	12.6	0	28.55	16.88	25.1	0	275.57	44	0	95.52	
28/12/2024 15:10	10.83	0	111.11	15.31	12.24	0	22.17	17.37	26.92	0	276.25	49.08	0	87.55	
28/12/2024 15:15	9.65	0	107.32	15.45	11.05	0	18.12	18.13	25.19	0	270.52	55.53	0	90.97	
28/12/2024 15:20	10.06	0	111.01	15.31	11.36	0	24.31	17.69	25.03	0	276.17	51.69	0	98.97	
28/12/2024 15:25	10.28	0	110.69	15.31	13.52	0	26.43	16.6	25.56	0	275.2	43.94	0	85.7	
28/12/2024 15:30	9.9	0	107.42	15.39	13.38	0	24.44	16.93	25.22	0	269.2	46.83	0	85.57	
28/12/2024 15:35	10.35	0	111.33	15.32	13.26	0	28.65	16.75	25.77	0	277.21	44.85	0	93.38	
28/12/2024 15:40	11.08	0	111.39	15.31	13.61	0	26.38	16.63	27.57	0	277.18	44.43	0	85.89	
28/12/2024 15:45	10.1	0	108.92	15.38	14	0	25.76	16.71	25.59	0	273.43	46.4	0	85.37	
28/12/2024 15:50	9.83	0	111.54	15.31	13.79	0	30.09	16.52	24.44	0	277.47	44.26	0	93.41	
28/12/2024 15:55	9.16	0	112.3	15.3	14.28	0	28.89	16.2	22.74	0	278.89	42.35	0	85.51	
28/12/2024 16:00	9.29	0	108.23	15.36	14.51	0	28.53	16.24	23.42	0	270.36	43.31	0	85.15	
28/12/2024 16:05	9.88	0	111.08	15.32	14.14	0	29.72	16.19	24.6	0	276.58	41.85	0	87.52	
28/12/2024 16:10	9.11	0	111.06	15.31	14.04	0	27.68	16.38	22.65	0	276.14	43.22	0	85.03	
28/12/2024 16:15	9.07	0	107.32	15.37	14.02	0	27.41	16.5	22.99	0	268.68	44.28	0	86.57	
28/12/2024 16:20	10.2	0	110.75	15.31	13.73	0	30.92	16.41	25.38	0	275.61	42.69	0	93.92	
28/12/2024 16:25	10.53	0	111.44	15.31	13.34	0	25.93	16.7	26.18	0	277.07	44.36	0	85.85	
28/12/2024 16:30	9.83	0	106.92	15.4	12.93	0	24.18	17.07	25.1	0	268.14	46.9	0	87.74	
28/12/2024 16:35	10.46	0	109.71	15.32	12.92	0	27.92	16.91	26.06	0	273.19	45.44	0	94.61	
28/12/2024 16:40	10.97	0	109.77	15.32	12.4	0	21.35	17.33	27.3	0	273.22	49.27	0	83.54	
28/12/2024 16:45	10.07	0	107.9	15.45	11.48	0	17.24	18.16	26.33	0	276.23	58.26	0	87.45	
28/12/2024 16:50	9.9	0	110.28	15.31	11.66	0	21.93	17.84	24.61	0	274.1	55.13	0	94.13	
28/12/2024 16:55	9.78	0	110.3	15.3	12.32	0	21.23	17.41	24.27	0	273.7	49.98	0	84.95	
28/12/2024 17:00	9.55	0	106.95	15.46	11.05	0	16.76	18.31	25.12	0	269.79	59.43	0	89.98	
28/12/2024 17:05	9.7	0	110.87	15.31	11.3	0	22.6	17.86	24.13	0	275.72	55.38	0	97.28	
28/12/2024 17:10	9.44	0	111.36	15.3	15.27	0	31.61	15.7	23.43	0	276.49	40.89	0	84.41	
28/12/2024 17:15	10.2	0	106.05	15.29	16.25	0	33.06	15.45	25.31	0	262.69	41.44	0	84.32	
28/12/2024 17:20	11.06	0	105.99	15.25	15.84	0	35.99	15.45	27.23	0	260.91	40.45	0	91.65	
28/12/2024 17:25	11.55	0	106.75	15.25	15.25	0	32.1	15.78	28.42	0	262.7	41.46	0	87.15	
28/12/2024 17:30	10.89	0	103.34	15.3	14.81	0	31.12	16.06	27.11	0	255.79	42.56	0	89.42	
28/12/2024 17:35	11.11	0	105.76	15.26	14.49	0	34.79	15.98	27.39	0	260.84	41.03	0	97.16	
28/12/2024 17:40	11.03	0	106.48	15.26	14.96	0	32.45	15.85	27.18	0	262.41	41.21	0	89.28	
28/12/2024 17:45	9.9	0	102.47	15.33	14.6	0	30.91	16.12	24.78	0	254.99	42.45	0	89.85	
28/12/2024 17:50	9.86	0	111.82	15.31	14.5	0	34.72	16.03	24.5	0	277.88	41.45	0	99.11	
28/12/2024 17:55	10.23	0	112.03	15.3	15.32	0	30.79	15.74	25.42	0	278.23	41.29	0	82.95	
28/12/2024 18:00	10.11	0	108.74	15.35	15.39	0	31.09	15.83	25.39	0	271.7	42.18	0	85.2	
28/12/2024 18:05	9.63	0	112.54	15.32	15.05	0	33.23	15.75	23.98	0	280.11	40.68	0	89.35	
28/12/2024 18:10	9.86	0	112.2	15.31	15.9	0	33.26	15.47	24.5	0	278.82	40.73	0	85.2	
28/12/2024 18:15	9.7	0	109.11	15.33	16	0	34.34	15.52	24.21	0	271.87	41.31	0	88.63	
28/12/2024 18:20	9.84	0	112.67	15.31	15.64	0	36.54	15.5	24.48	0	280.4	40.27	0	93.93	
28/12/2024 18:25	9.95	0	112.77	15.31	15.54	0	34.91	15.5	24.75	0	280.45	39.98	0	89.8	
28/12/2024 18:30	10.09	0	107.76	15.34	15.81										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28/12/2024 19:30	9.81	0	109.99	15.33	15.66	0	33.55	15.7	24.52	0	273.98	41.85	0	89.7	
28/12/2024 19:35	9.53	0	112.44	15.3	15.21	0	36.48	15.66	23.65	0	279.09	40.41	0	96.36	
28/12/2024 19:40	9.59	0	112.48	15.29	15.39	0	33.21	15.64	23.79	0	278.89	40.66	0	87.74	
28/12/2024 19:45	9.71	0	110.7	15.32	15.39	0	33.91	15.68	24.24	0	275.73	40.94	0	90.23	
28/12/2024 19:50	9.72	0	112.91	15.31	14.93	0	35.24	15.65	24.17	0	280.7	39.61	0	93.21	
28/12/2024 19:55	9.39	0	112.84	15.3	15.22	0	33.4	15.7	23.3	0	280.02	40.69	0	89.26	
28/12/2024 20:00	9.77	0	108.21	15.34	15.23	0	33.85	15.72	24.5	0	269.9	40.91	0	90.9	
28/12/2024 20:05	9.66	0	112.84	15.3	14.82	0	36.94	15.69	23.98	0	280.18	39.57	0	98	
28/12/2024 20:10	9.83	0	112.92	15.3	15.28	0	34.48	15.68	24.4	0	280.37	40.74	0	91.89	
28/12/2024 20:15	10.09	0	109.77	15.33	15.21	0	34.27	15.72	25.21	0	273.25	40.82	0	91.98	
28/12/2024 20:20	9.6	0	113.19	15.3	14.74	0	37.62	15.68	23.82	0	280.74	39.34	0	99.69	
28/12/2024 20:25	9.59	0	113.16	15.29	15.12	0	33.02	15.73	23.77	0	280.32	40.7	0	88.86	
28/12/2024 20:30	9.68	0	109.61	15.33	15.39	0	33.31	15.77	24.19	0	272.94	41.71	0	90.29	
28/12/2024 20:35	9.82	0	113.25	15.3	14.98	0	36.87	15.74	24.38	0	281.08	40.39	0	98.64	
28/12/2024 20:40	9.78	0	113.95	15.29	15.16	0	33.24	15.72	24.25	0	282.53	40.67	0	89.12	
28/12/2024 20:45	9.49	0	109.59	15.32	15.29	0	33.01	15.76	23.7	0	273.12	41.35	0	89.25	
28/12/2024 20:50	9.73	0	113.87	15.31	14.87	0	35.88	15.73	24.2	0	283.22	40.01	0	95.95	
28/12/2024 20:55	10.3	0	114.5	15.31	15.21	0	32.59	15.76	25.6	0	284.68	41.16	0	88.19	
28/12/2024 21:00	9.65	0	110.36	15.34	15.48	0	33.36	15.76	24.15	0	275.14	41.88	0	90.23	
28/12/2024 21:05	9.76	0	113.81	15.31	15.06	0	37.21	15.72	24.28	0	282.98	40.48	0	99.18	
28/12/2024 21:10	9.69	0	113.64	15.3	14.93	0	33.84	15.73	24.06	0	282.23	40.16	0	91	
28/12/2024 21:15	9.58	0	110.86	15.33	15.34	0	33.5	15.73	23.95	0	276.08	41.23	0	90.02	
28/12/2024 21:20	9.55	0	114.68	15.3	14.69	0	37.99	15.68	23.7	0	284.69	39.24	0	100.52	
28/12/2024 21:25	9.3	0	114.81	15.3	14.89	0	34.97	15.69	23.06	0	284.82	39.74	0	93.34	
28/12/2024 21:30	9.39	0	111.59	15.32	15.39	0	34.54	15.68	23.44	0	277.45	40.97	0	91.98	
28/12/2024 21:35	9.63	0	114.41	15.3	14.85	0	38.38	15.64	23.9	0	283.86	39.32	0	100.96	
28/12/2024 21:40	10	0	114.22	15.3	14.8	0	34.72	15.66	24.81	0	283.35	39.24	0	92.05	
28/12/2024 21:45	9.5	0	109.77	15.32	15.24	0	35.02	15.68	23.69	0	272.96	40.59	0	93.3	
28/12/2024 21:50	9.83	0	114.73	15.3	14.83	0	38.35	15.65	24.39	0	284.72	39.35	0	101.11	
28/12/2024 21:55	9.41	0	114.5	15.29	15.01	0	34.76	15.68	23.32	0	283.81	39.97	0	92.53	
28/12/2024 22:00	9.83	0	109.5	15.34	15.74	0	33.43	15.72	24.65	0	272.97	42.21	0	89.67	
28/12/2024 22:05	10.22	0	112.56	15.31	15.43	0	36.1	15.69	25.39	0	279.69	41.23	0	95.87	
28/12/2024 22:10	10.3	0	112.05	15.3	15.24	0	32.5	15.78	25.55	0	278.04	41.43	0	88.31	
28/12/2024 22:15	9.58	0	108.59	15.33	15.25	0	32.65	15.83	23.95	0	270.75	41.84	0	89.59	
28/12/2024 22:20	10.06	0	114.38	15.31	14.95	0	34.87	15.78	25	0	284.33	40.65	0	94.21	
28/12/2024 22:25	10.14	0	114.59	15.3	15.38	0	33.83	15.67	25.18	0	284.52	40.85	0	89.85	
28/12/2024 22:30	10.17	0	111.74	15.33	15.42	0	34.22	15.71	25.41	0	278.38	41.29	0	91.64	
28/12/2024 22:35	9.92	0	114.25	15.3	14.83	0	38.08	15.66	24.63	0	283.71	39.44	0	100.52	
28/12/2024 22:40	9.3	0	114.67	15.3	15.4	0	33.72	15.67	23.06	0	284.47	40.97	0	89.68	
28/12/2024 22:45	9.66	0	110.79	15.33	15.79	0	34.22	15.7	24.13	0	275.85	42.2	0	91.43	
28/12/2024 22:50	10.21	0	113.78	15.31	15.51	0	37.7	15.66	25.39	0	282.9	41.18	0	99.52	
28/12/2024 22:55	10.8	0	113.03	15.31	15.48	0	34.05	15.65	26.84	0	280.95	40.97	0	90.09	
28/12/2024 23:00	10.35	0	110.39	15.33	15.43	0	34.37	15.69	25.88	0	275.1	41.14	0	91.64	
28/12/2024 23:05	10.08	0	114.31	15.3	14.95	0	37.37	15.65	25.02	0	283.8	39.67	0	98.58	
28/12/2024 23:10	10.14	0	113.64	15.3	15.35	0	33.69	15.68	25.16	0	281.91	40.86	0	89.65	
28/12/2024 23:15	10.04	0	107.17	15.33	15.8	0	32.97	15.71	25.09	0	266.84	42.33	0	88.31	
28/12/2024 23:20	10.25	0	113.63	15.3	15.41	0	36.25	15.68	25.45	0	282.12	41.11	0	96.04	
28/12/2024 23:25	10.66	0	113.97	15.29	15.43	0	33.9	15.7	26.42	0	282.57	41.24	0	90.59	
28/12/2024 23:30	10.56	0	111.79	15.32	15.75	0	33.9	15.75	26.37	0	278.41	42.53	0	91.54	
28/12/2024 23:35	10.14	0	114.75	15.3	15.42	0	37.31	15.71	25.14	0	284.58	41.38	0	99.38	
28/12/2024 23:40	10.44	0	114.55	15.29	15.39	0	34.22	15.68	25.88	0	284	41.02	0	91.17	
28/12/2024 23:45	10.21	0	110.65	15.32	15.35	0	33.6	15.72	25.49	0	275.2	41.17	0	90.12	
28/12/2024 23:50	10.2	0	114.07	15.29	14.96	0	36.8	15.68	25.3	0	282.82	39.88	0	97.45	
28/12/2024 23:55	10.39	0	114.31	15.29	15.49	0	34	15.65	25.73	0	283.11	41.04	0	90.04	
29/12/2024 00:00	10.27	0	110.37	15.32	15.95	0	33.46	15.69	25.63	0	274.4	42.55	0	89.24	
29/12/2024 00:05	10.28	0	114.62	15.3	15.64	0	36.3	15.66	25.49	0	284.3	41.52	0	95.82	
29/12/2024 00:10	10.36	0	114.77	15.29	15.23	0	35.46	15.67	25.67	0	284.39	40.48	0	94.26	
29/12/2024 00:15	10.28	0	111.46	15.32	15.38	0	35.9	15.7	25.65	0	277.23	41.11	0	95.94	
29/12/2024 00:20	10.16	0	114.28	15.3	14.98	0	38.72	15.67	25.22	0	283.59	39.87	0	102.4	
29/12/2024 00:25	10.33	0	113.83	15.3	15.15	0	33.95	15.65	25.62	0	282.38	40.17	0	89.98	
29/12/2024 00:30	10.35	0	109.34	15.33	15.66	0	32.35	15.68	25.87	0	272.3	41.71	0	86.18	
29/12/2024 00:35	10.62	0	111.91	15.3	15.36	0	33.62	15.65	26.37	0	277.78	40.75	0	88.96	
29/12/2024 00:40	10.72	0	112.44	15.29	15.3	0	33.59	15.67	26.58	0	278.77	40.71	0	89.35	
29/12/2024 00:45	10.36	0	109.24	15.32	15.54	0	34.41	15.7	25.87	0	271.68	41.59	0	92.07	
29/12/2024 00:50	10.21	0	113.26	15.29	15.23	0	38.31	15.66	25.3	0	280.73	40.41	0	100.99	
29/12/2024 00:55	10.45	0	112.72	15.29	15.16	0	33.59	15.66	25.89	0	279.16	40.24	0	89.18	
29/12/2024 01:00	10.33	0	109.78	15.32	15.53	0	33.11	15.71	25.76	0	272.76	41.57	0	88.62	
29/12/2024 01:05	10.34	0	113	15.29	15.15	0	36.16	15.66	25.6	0	279.83	40.25	0	95.43	
29/12/2024 01:10	10.25	0	112.7	15.28	15.23	0	34.05	15.61	25.35	0	278.73	40.04	0	89.49	
29/12/2024 01:15	10.22	0	109.91	15.3	15.49	0	34.57	15.64	25.43	0	272.66	40.97	0	91.44	
29/12/2024 01:20	10.33	0	113.52	15.29	15.09	0	38.15	15.61	25.58	0	281.08	39.7	0	99.84	
29/12/2024 01:25	10.19	0	113.86	15.28	15.07	0	34.16	15.65	25.22	0	281.83	39.92	0	90.48	
29/12/2024 01:30	10.17	0	110.37	15.32	15.18	0	34.9	15.69	25.37	0	274.31	40.5	0	93.13	
29/12/2024 01:35	10.19	0	114.21	15.29	14.82	0	38.12	15.65	25.26	0	282.98	39.29	0	100.39	
29/12/2024 01:40	10.19	0	114.36	15.29	15.28	0	34.71	15.6	25.22	0	283.15	40.11	0	91.12	
29/12/2024 01:45	10.31	0	110.4	15.32	15.87	0	34.73	15.64	25.72	0	274.39	41.91	0	91.73	
29/12/2024 01:50	10.34	0	113.66	15.29	15.46	0	37.97	15.61	25.61	0	281.61	40.66	0	99.3	
29/12/2024 01:55	10.64	0	114.11	15.29	15.07	0	35.2	15.62	26.35	0	282.53	39.66	0	92.6	
29/12/2024 02:00	10.32	0	110.28	15.31	15.58	0</									



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
29/12/2024 03:00	10.34	0	109.96	15.31	15.4	0	34.76	15.64	25.72	0	273.18	40.7	0	91.89	
29/12/2024 03:05	10.15	0	114.48	15.28	15.02	0	38.35	15.6	25.1	0	283.16	39.45	0	100.16	
29/12/2024 03:10	9.92	0	114.34	15.28	15.28	0	35.3	15.58	24.52	0	282.63	39.92	0	92.23	
29/12/2024 03:15	10.01	0	111.29	15.3	15.37	0	36.47	15.62	24.89	0	275.77	40.45	0	95.97	
29/12/2024 03:20	10.2	0	115.1	15.28	15.01	0	39.67	15.59	25.22	0	284.51	39.3	0	103.38	
29/12/2024 03:25	10.16	0	114.63	15.27	15.37	0	35.58	15.57	25.08	0	283.02	40.1	0	92.84	
29/12/2024 03:30	10.19	0	111.19	15.29	15.28	0	36.94	15.61	25.3	0	275.32	40.14	0	97.01	
29/12/2024 03:35	10.07	0	115	15.28	14.88	0	40.26	15.58	24.91	0	284.43	38.88	0	104.71	
29/12/2024 03:40	10.33	0	114.48	15.28	15.29	0	35.42	15.57	25.52	0	282.9	39.89	0	92.4	
29/12/2024 03:45	10.27	0	111.17	15.3	15.54	0	36.29	15.62	25.52	0	275.58	40.88	0	95.48	
29/12/2024 03:50	10.24	0	114.16	15.28	15.2	0	39.63	15.59	25.33	0	282.4	39.84	0	103.76	
29/12/2024 03:55	10.25	0	112.86	15.28	15.27	0	35.09	15.61	25.34	0	278.97	40.12	0	92.15	
29/12/2024 04:00	10.29	0	109.83	15.31	15.41	0	35.38	15.66	25.66	0	272.64	40.91	0	93.89	
29/12/2024 04:05	10.29	0	114.37	15.27	15.1	0	39.47	15.63	25.43	0	282.62	39.87	0	103.96	
29/12/2024 04:10	10.28	0	115.03	15.27	15.39	0	35.54	15.61	25.38	0	283.94	40.43	0	93.35	
29/12/2024 04:15	10.18	0	111.05	15.29	15.64	0	34.49	15.64	25.29	0	274.89	41.36	0	91.21	
29/12/2024 04:20	10.38	0	114.5	15.27	15.27	0	37.56	15.61	25.62	0	282.59	40.16	0	98.17	
29/12/2024 04:25	10.47	0	114.27	15.26	15.51	0	35.7	15.57	25.82	0	281.82	40.48	0	93.13	
29/12/2024 04:30	10.29	0	110.9	15.29	15.67	0	34.99	15.61	25.52	0	274.46	41.16	0	91.92	
29/12/2024 04:35	10.41	0	113.86	15.27	15.22	0	38.35	15.57	25.72	0	281.16	39.78	0	99.69	
29/12/2024 04:40	10.55	0	113.47	15.26	15.44	0	35.42	15.57	26	0	279.69	40.25	0	92.36	
29/12/2024 04:45	10.46	0	110.36	15.29	15.65	0	35.71	15.61	25.97	0	273.23	41.1	0	93.77	
29/12/2024 04:50	10.37	0	114.04	15.27	15.37	0	37.22	15.58	25.6	0	281.63	40.18	0	97.05	
29/12/2024 04:55	10.3	0	114.25	15.27	15.57	0	35.39	15.54	25.4	0	281.85	40.43	0	91.84	
29/12/2024 05:00	10.26	0	112.27	15.28	15.8	0	35.29	15.58	25.43	0	277.76	41.26	0	92.15	
29/12/2024 05:05	10.32	0	114.35	15.27	15.34	0	38.34	15.55	25.49	0	282.31	39.89	0	99.27	
29/12/2024 05:10	10.38	0	115.14	15.26	15.38	0	35.59	15.56	25.59	0	283.97	40.08	0	92.74	
29/12/2024 05:15	10.3	0	111.92	15.29	15.46	0	36.32	15.61	25.55	0	276.83	40.64	0	95.5	
29/12/2024 05:20	10.36	0	114.37	15.27	15.08	0	39.36	15.58	25.57	0	282.3	39.46	0	102.47	
29/12/2024 05:25	10.66	0	114.33	15.26	15.15	0	35.82	15.58	26.27	0	281.81	39.57	0	93.52	
29/12/2024 05:30	10.34	0	111.55	15.29	15.73	0	36.11	15.62	25.63	0	275.94	41.37	0	94.99	
29/12/2024 05:35	10.52	0	114.7	15.27	15.44	0	37.32	15.59	25.96	0	283.11	40.48	0	97.69	
29/12/2024 05:40	10.64	0	114.84	15.26	15.27	0	36.18	15.57	26.23	0	283.08	39.86	0	94.43	
29/12/2024 05:45	10.18	0	111.58	15.29	15.37	0	35.89	15.62	25.25	0	276.04	40.44	0	94.44	
29/12/2024 05:50	10.33	0	114.96	15.26	14.9	0	39.79	15.58	25.47	0	283.49	38.97	0	103.4	
29/12/2024 05:55	10.55	0	114.89	15.26	15.25	0	36.08	15.56	25.98	0	283.04	39.73	0	94	
29/12/2024 06:00	10.43	0	111.28	15.29	15.79	0	36.69	15.61	25.86	0	275.13	41.5	0	96.42	
29/12/2024 06:05	10.18	0	114.92	15.26	15.34	0	40.55	15.57	25.08	0	283.28	40.07	0	105.31	
29/12/2024 06:10	9.94	0	115	15.25	15.4	0	36.55	15.56	24.47	0	283.16	40.09	0	95.13	
29/12/2024 06:15	10.17	0	112.88	15.28	15.66	0	36.11	15.6	25.19	0	279.03	41.08	0	94.73	
29/12/2024 06:20	10.43	0	114.33	15.26	15.33	0	39.41	15.57	25.72	0	281.9	40.03	0	102.4	
29/12/2024 06:25	10.36	0	114.16	15.26	15.4	0	36.49	15.55	25.52	0	281.23	40.02	0	94.78	
29/12/2024 06:30	10.42	0	110.48	15.29	15.54	0	36.55	15.58	25.85	0	273.26	40.61	0	95.52	
29/12/2024 06:35	10.36	0	114.36	15.26	15.29	0	40.06	15.55	25.53	0	281.71	39.74	0	103.68	
29/12/2024 06:40	10.44	0	114.13	15.25	15.45	0	35.19	15.54	25.67	0	280.69	40.09	0	91.29	
29/12/2024 06:45	10.52	0	109.86	15.28	15.7	0	35.11	15.58	26.06	0	271.24	41.06	0	91.8	
29/12/2024 06:50	10.45	0	114.17	15.26	15.4	0	38.66	15.56	25.73	0	281.21	40.13	0	100.63	
29/12/2024 06:55	10.8	0	114.59	15.25	15.46	0	35.4	15.56	26.55	0	281.84	40.23	0	92.1	
29/12/2024 07:00	10.4	0	111.41	15.27	15.25	0	35.99	15.59	25.72	0	274.98	39.93	0	94.24	
29/12/2024 07:05	10.42	0	114.41	15.25	14.82	0	39.31	15.56	25.66	0	281.68	38.64	0	101.98	
29/12/2024 07:10	10.64	0	113.98	15.25	15.35	0	36.25	15.55	26.16	0	280.27	39.86	0	94.1	
29/12/2024 07:15	10.5	0	110.09	15.28	15.51	0	36.58	15.59	26.04	0	272.04	40.62	0	95.83	
29/12/2024 07:20	10.46	0	114.06	15.26	15.15	0	39.92	15.56	25.77	0	281.05	39.51	0	103.97	
29/12/2024 07:25	10.66	0	114.61	15.25	15.56	0	35.39	15.57	26.22	0	282.04	40.57	0	92.25	
29/12/2024 07:30	10.57	0	110.48	15.28	15.79	0	35.2	15.6	26.19	0	272.93	41.39	0	92.29	
29/12/2024 07:35	10.69	0	113.31	15.26	15.35	0	38.41	15.57	26.33	0	279.24	40.06	0	99.71	
29/12/2024 07:40	11.08	0	112.84	15.25	15.77	0	34.65	15.57	27.27	0	277.77	41.11	0	90.35	
29/12/2024 07:45	10.84	0	108.97	15.29	15.96	0	35.31	15.61	26.91	0	269.38	41.91	0	92.73	
29/12/2024 07:50	10.7	0	113.8	15.26	15.64	0	37.99	15.58	26.39	0	280.53	40.9	0	98.88	
29/12/2024 07:55	10.97	0	114.11	15.26	15.78	0	34.33	15.58	27.03	0	281.2	41.21	0	89.66	
29/12/2024 08:00	10.59	0	110.66	15.28	15.99	0	35.66	15.61	26.23	0	273.42	42	0	93.62	
29/12/2024 08:05	10.68	0	113.33	15.26	15.59	0	38.79	15.58	26.34	0	279.43	40.77	0	100.88	
29/12/2024 08:10	10.84	0	112.88	15.26	15.65	0	35.16	15.57	26.71	0	278.08	40.83	0	91.68	
29/12/2024 08:15	10.75	0	109.49	15.29	16.14	0	35.02	15.6	26.65	0	270.63	42.35	0	91.87	
29/12/2024 08:20	10.63	0	114.05	15.26	15.75	0	38.16	15.58	26.22	0	281.27	41.17	0	99.22	
29/12/2024 08:25	10.64	0	115.02	15.26	15.72	0	34.94	15.6	26.21	0	283.35	41.27	0	91.71	
29/12/2024 08:30	10.59	0	110.7	15.29	16.15	0	34.47	15.63	26.27	0	273.71	42.6	0	90.91	
29/12/2024 08:35	10.67	0	114	15.27	15.93	0	38.11	15.59	26.32	0	281.33	41.71	0	99.23	
29/12/2024 08:40	10.72	0	114.19	15.26	15.68	0	34.95	15.58	26.41	0	281.31	41.01	0	91.37	
29/12/2024 08:45	10.55	0	109.91	15.29	16.13	0	34.92	15.63	26.21	0	271.96	42.5	0	92.01	
29/12/2024 08:50	10.48	0	114.02	15.26	15.81	0	36.23	15.6	25.85	0	281.15	41.49	0	94.92	
29/12/2024 08:55	10.61	0	114.56	15.26	15.66	0	34.88	15.58	26.14	0	282.23	40.92	0	91.13	
29/12/2024 09:00	10.36	0	112	15.28	15.97	0	34.74	15.58	25.65	0	276.9	41.77	0	90.85	
29/12/2024 09:05	10.52	0	113.72	15.27	15.67	0	38.48	15.56	25.95	0	280.67	40.78	0	99.67	
29/12/2024 09:10	10.72	0	113.7	15.26	15.62	0	34.45	15.63	26.44	0	280.43	41.21	0	90.88	
29/12/2024 09:15	10.49	0	108.29	15.29	15.96	0	34.66	15.68	26.04	0	268.26	42.48	0	92.27	
29/12/2024 09:20	10.69	0	113.41	15.28	15.69	0	37	15.65	26.43	0	280.47	41.56	0	97.56	
29/12/2024 09:25	11.33	0	112.61	15.28	15.75	0	34.41	15.66	28.01	0	278.43	41.79	0	91.29	
29/12/															



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
29/12/2024 10:30	10.2	0	110.4	15.31	15.58	0	34.07	15.72	25.4	0	273.86	41.78	0	91.37	
29/12/2024 10:35	10.23	0	113.15	15.28	15.22	0	37.26	15.68	25.32	0	280.07	40.54	0	98.59	
29/12/2024 10:40	9.91	0	112.25	15.28	15.47	0	34.06	15.67	24.49	0	277.46	41.09	0	90.47	
29/12/2024 10:45	10.18	0	109.38	15.31	15.92	0	34.06	15.69	25.35	0	271.39	42.5	0	90.92	
29/12/2024 10:50	10.39	0	112.52	15.29	15.63	0	35.64	15.65	25.74	0	278.73	41.46	0	94.23	
29/12/2024 10:55	10.64	0	112.55	15.29	15.67	0	34.37	15.62	26.35	0	278.74	41.29	0	90.54	
29/12/2024 11:00	10.36	0	109.15	15.31	16.21	0	34.25	15.65	25.81	0	271.13	42.94	0	90.72	
29/12/2024 11:05	9.99	0	112.26	15.29	15.89	0	37.26	15.62	24.73	0	277.99	41.89	0	97.67	
29/12/2024 11:10	10.11	0	111.81	15.28	15.83	0	33.08	15.64	25.02	0	276.69	41.87	0	87.44	
29/12/2024 11:15	9.98	0	108.32	15.31	15.84	0	33.33	15.66	24.86	0	268.81	42.04	0	88.47	
29/12/2024 11:20	10.57	0	111.9	15.29	15.55	0	37.47	15.62	26.18	0	277.22	40.94	0	98.01	
29/12/2024 11:25	10.3	0	110.95	15.28	15.99	0	33.49	15.6	25.48	0	274.56	41.92	0	87.81	
29/12/2024 11:30	10.41	0	108.49	15.31	16.23	0	33.36	15.63	25.91	0	269.2	42.84	0	88.04	
29/12/2024 11:35	10.03	0	111.72	15.27	15.87	0	37.53	15.61	24.77	0	276.01	41.74	0	98.46	
29/12/2024 11:40	9.94	0	111.83	15.27	15.67	0	33.17	15.61	24.52	0	275.96	41.23	0	87.22	
29/12/2024 11:45	10.34	0	108.13	15.3	15.99	0	33.7	15.64	25.7	0	267.82	42.26	0	89.05	
29/12/2024 11:50	10.11	0	111.5	15.26	15.58	0	37.88	15.6	24.94	0	274.99	40.89	0	98.78	
29/12/2024 11:55	9.91	0	111.05	15.26	15.7	0	33.49	15.57	24.4	0	273.57	40.96	0	87.33	
29/12/2024 12:00	10.13	0	108.43	15.29	15.67	0	33.67	15.6	25.13	0	268.14	41.09	0	88.31	
29/12/2024 12:05	10.45	0	111.6	15.27	15.19	0	37.2	15.57	25.8	0	275.52	39.68	0	96.67	
29/12/2024 12:10	10.33	0	112.03	15.26	15.81	0	32.95	15.59	25.47	0	276.23	41.37	0	86.19	
29/12/2024 12:15	10.42	0	107.96	15.28	16.41	0	33.46	15.59	25.81	0	266.71	42.96	0	87.59	
29/12/2024 12:20	10.37	0	111.21	15.26	16.13	0	37.61	15.57	25.55	0	273.95	42.06	0	97.88	
29/12/2024 12:25	10.48	0	110.42	15.25	16.03	0	32.98	15.53	25.79	0	271.58	41.48	0	85.35	
29/12/2024 12:30	10.49	0	107.51	15.27	16.76	0	33.99	15.54	25.94	0	265.15	43.47	0	88.15	
29/12/2024 12:35	10.36	0	110.82	15.25	16.29	0	37.31	15.52	25.51	0	272.88	42.13	0	96.02	
29/12/2024 12:40	9.53	0	110.23	15.25	16.11	0	32.95	15.54	23.44	0	271.05	41.79	0	85.43	
29/12/2024 12:45	10.33	0	107.04	15.28	16.48	0	33.24	15.55	25.59	0	264.42	42.81	0	86.34	
29/12/2024 12:50	10.53	0	110.37	15.26	16.02	0	36.34	15.53	25.95	0	271.87	41.5	0	93.72	
29/12/2024 12:55	11.09	0	110.25	15.26	15.95	0	32.67	15.57	27.33	0	271.61	41.63	0	85.25	
29/12/2024 13:00	10.34	0	106.98	15.28	16.25	0	32.55	15.64	25.65	0	264.29	42.92	0	85.98	
29/12/2024 13:05	10.71	0	110.08	15.25	15.86	0	35.64	15.62	26.37	0	271.04	41.81	0	93.4	
29/12/2024 13:10	10.72	0	110.38	15.25	15.53	0	32	15.75	26.36	0	271.39	41.98	0	86.44	
29/12/2024 13:15	10.36	0	106.88	15.28	15.63	0	31.33	15.8	25.71	0	263.77	42.63	0	85.43	
29/12/2024 13:20	10.01	0	109.99	15.24	15.12	0	34.36	15.75	24.59	0	270.24	40.91	0	92.14	
29/12/2024 13:25	9.33	0	108.95	15.23	15.49	0	31.95	15.69	22.88	0	267.23	41.38	0	85.29	
29/12/2024 13:30	9.88	0	106.83	15.27	15.96	0	32.46	15.71	24.45	0	263.28	42.79	0	87	
29/12/2024 13:35	10.04	0	110.16	15.25	15.5	0	35.57	15.68	24.7	0	270.95	41.32	0	94.14	
29/12/2024 13:40	10.36	0	110.09	15.25	15.62	0	32.41	15.65	25.46	0	270.63	41.38	0	85.87	
29/12/2024 13:45	10.69	0	106.4	15.28	16.35	0	33.3	15.64	26.51	0	262.72	43.2	0	88.02	
29/12/2024 13:50	10.46	0	109.87	15.25	15.96	0	36.66	15.63	25.76	0	270.41	42.14	0	96.17	
29/12/2024 13:55	11.2	0	109.84	15.25	15.4	0	31.21	15.82	27.57	0	270.31	42.18	0	85.48	
29/12/2024 14:00	10.87	0	106.24	15.29	15.62	0	30.85	15.87	27.02	0	262.61	43.14	0	85.22	
29/12/2024 14:05	10.07	0	109.97	15.24	15.13	0	33.78	15.82	24.75	0	270.22	41.53	0	91.72	
29/12/2024 14:10	9.58	0	109.3	15.23	15.09	0	30.09	15.99	23.49	0	268	42.76	0	85.15	
29/12/2024 14:15	10.01	0	106.73	15.27	15.58	0	30.06	16.01	24.84	0	262.97	44.3	0	85.46	
29/12/2024 14:20	10.49	0	109.32	15.24	15.25	0	32.85	15.97	25.77	0	268.47	43.11	0	91.63	
29/12/2024 14:25	9.55	0	109.28	15.23	14.52	0	28.42	16.21	23.4	0	267.89	43.16	0	84.36	
29/12/2024 14:30	10.07	0	105.14	15.3	14.57	0	27.07	16.42	25.2	0	259.81	45.18	0	83.96	
29/12/2024 14:35	10.45	0	109.45	15.24	14.33	0	31.42	16.33	25.66	0	268.74	43.77	0	95.31	
29/12/2024 14:40	10.83	0	109.98	15.24	15.05	0	30.33	15.99	26.58	0	269.98	42.64	0	85.85	
29/12/2024 14:45	10.62	0	105.94	15.29	15.12	0	29.5	16.09	26.39	0	262.25	43.73	0	85.32	
29/12/2024 14:50	10.22	0	110.22	15.26	14.79	0	33.14	16	25.18	0	271.5	42.17	0	92.99	
29/12/2024 14:55	10.44	0	110.38	15.25	15.44	0	30.95	15.78	25.7	0	271.77	41.99	0	84.12	
29/12/2024 15:00	10.18	0	107.02	15.3	15.53	0	30.82	15.96	25.37	0	264.77	43.7	0	86.75	
29/12/2024 15:05	10.41	0	110.51	15.26	15.1	0	34.67	15.88	25.64	0	272.25	42.01	0	95.11	
29/12/2024 15:10	10.17	0	110.84	15.25	15.16	0	31.93	15.79	25.01	0	272.54	41.31	0	86.91	
29/12/2024 15:15	10.21	0	107.84	15.3	15.28	0	32.35	15.85	25.4	0	266.83	42.05	0	89.02	
29/12/2024 15:20	10.56	0	110.84	15.26	15.02	0	36.47	15.8	26.05	0	273.37	40.98	0	98.43	
29/12/2024 15:25	10.97	0	110.91	15.26	14.92	0	30.1	16.01	27.04	0	273.45	42.47	0	85.57	
29/12/2024 15:30	10.52	0	107.29	15.34	14.34	0	29.43	16.33	26.49	0	267.24	43.61	0	89.53	
29/12/2024 15:35	9.82	0	111.85	15.27	13.95	0	33.09	16.25	24.25	0	276.04	41.91	0	97.42	
29/12/2024 15:40	9.77	0	112.02	15.27	14.49	0	30.25	16.12	24.09	0	276.34	42.25	0	88	
29/12/2024 15:45	10.06	0	108.33	15.35	14.35	0	28.23	16.48	25.4	0	270.05	45.14	0	88.81	
29/12/2024 15:50	9.95	0	111.91	15.28	14.08	0	31.78	16.37	24.59	0	276.75	43.51	0	95.82	
29/12/2024 15:55	9.7	0	111.25	15.27	14.66	0	30.02	16.1	23.96	0	274.68	42.48	0	86.87	
29/12/2024 16:00	9.86	0	108.57	15.33	14.66	0	30.22	16.25	24.72	0	269.73	43.85	0	90.34	
29/12/2024 16:05	10.01	0	112.18	15.28	14.41	0	34.22	16.12	24.75	0	277.41	42.18	0	98.24	
29/12/2024 16:10	10.52	0	112.36	15.27	15	0	31.38	15.89	25.97	0	277.5	41.63	0	87.09	
29/12/2024 16:15	10.31	0	108.19	15.33	15.06	0	31.87	15.98	25.82	0	268.95	42.59	0	90.13	
29/12/2024 16:20	9.7	0	112.64	15.28	14.82	0	35.77	15.94	23.97	0	278.39	41.59	0	100.09	
29/12/2024 16:25	10.03	0	112.64	15.27	14.92	0	31.79	15.85	24.76	0	278.04	41.07	0	87.48	
29/12/2024 16:30	9.91	0	109.24	15.32	15.05	0	32	15.94	24.75	0	271.26	42.17	0	89.64	
29/12/2024 16:35	9.96	0	112.8	15.28	14.7	0	34.2	15.89	24.65	0	279.07	40.85	0	94.23	
29/12/2024 16:40	9.75	0	112.2	15.27	14.9	0	31.12	15.93	24.08	0	277.11	41.72	0	87.12	
29/12/2024 16:45	9.88	0	110.36	15.31	14.83	0	32.03	16.01	24.66	0	274.11	42.13	0	91.04	
29/12/2024 16:50	10.12	0	112.25	15.28	14.52	0	37.79	15.96	25.04	0	277.67	40.97	0	105.6	
29/12/2024 16:55	10.33	0	111.91	15.28	14.46	0	31.47	15.96	25.55	0	276.84	40.72	0	88.54	
29/12/2024 17:00	9.72	0													



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
29/12/2024 18:00	10.35	0	107.38	15.34	14.47	0	30.96	16.19	25.97	0	267.46	42.72	0	91.4	
29/12/2024 18:05	9.64	0	113.65	15.35	14.07	0	34.61	16.1	24.13	0	284.52	40.99	0	99.13	
29/12/2024 18:10	9.17	0	113.55	15.35	14.95	0	31.48	15.94	22.95	0	284.14	41.93	0	88.22	
29/12/2024 18:15	9.62	0	110	15.44	14.95	0	31.12	16.12	24.65	0	278.85	43.45	0	90.47	
29/12/2024 18:20	9.68	0	114.09	15.39	14.67	0	33.15	16.05	24.43	0	287.99	42.14	0	94.49	
29/12/2024 18:25	10.28	0	114.66	15.4	15.33	0	32.5	15.81	25.98	0	289.69	41.89	0	88.73	
29/12/2024 18:30	10.36	0	109.62	15.43	15.42	0	32.14	15.92	26.41	0	277.99	43.01	0	89.63	
29/12/2024 18:35	9.94	0	112.88	15.4	15.06	0	33.78	15.88	25.12	0	285.14	41.74	0	93.17	
29/12/2024 18:40	9.91	0	112.22	15.4	15.32	0	33.76	15.75	25.01	0	283.37	41.37	0	91.16	
29/12/2024 18:45	10	0	110.33	15.42	15.42	0	33.8	15.81	25.41	0	279.35	42.11	0	92.29	
29/12/2024 18:50	10	0	113.1	15.4	15.02	0	37.22	15.77	25.27	0	285.63	40.77	0	100.37	
29/12/2024 18:55	10.48	0	112.61	15.4	15.3	0	34.18	15.74	26.48	0	284.43	41.23	0	92.08	
29/12/2024 19:00	10.1	0	110.06	15.42	15.35	0	34.36	15.79	25.66	0	278.75	41.75	0	93.46	
29/12/2024 19:05	9.81	0	114.38	15.39	14.91	0	38.29	15.75	24.76	0	288.73	40.28	0	102.68	
29/12/2024 19:10	9.28	0	114.5	15.38	15.04	0	35.69	15.71	23.39	0	288.55	40.31	0	95.64	
29/12/2024 19:15	9.41	0	110.93	15.41	15.53	0	35.06	15.76	23.86	0	280.33	41.96	0	94.74	
29/12/2024 19:20	9.76	0	114.06	15.39	15.08	0	38.16	15.73	24.62	0	287.71	40.56	0	102.02	
29/12/2024 19:25	9.55	0	114.17	15.38	15.28	0	35.28	15.72	24.05	0	287.64	41.01	0	94.71	
29/12/2024 19:30	9.91	0	110.88	15.41	15.5	0	35.31	15.77	25.16	0	280.34	42.03	0	95.75	
29/12/2024 19:35	9.78	0	113.7	15.39	15.15	0	37.79	15.74	24.66	0	286.75	40.89	0	101.48	
29/12/2024 19:40	10.08	0	113.7	15.38	15.37	0	35.21	15.72	25.4	0	286.54	41.29	0	94.57	
29/12/2024 19:45	10.03	0	109.42	15.41	15.74	0	35.32	15.78	25.43	0	276.75	42.7	0	95.83	
29/12/2024 19:50	9.99	0	112.68	15.39	15.51	0	36.68	15.75	25.2	0	284.3	41.9	0	98.82	
29/12/2024 19:55	10.3	0	112.66	15.39	15.52	0	33.94	15.77	25.98	0	284.23	42.04	0	91.92	
29/12/2024 20:00	10.28	0	107.94	15.43	15.65	0	33.2	15.82	26.17	0	273.42	42.81	0	90.8	
29/12/2024 20:05	9.8	0	112.65	15.39	15.29	0	37.32	15.79	24.7	0	283.97	41.61	0	101.36	
29/12/2024 20:10	10.08	0	112.22	15.38	15.2	0	34.19	15.78	25.39	0	282.72	41.3	0	92.86	
29/12/2024 20:15	10.16	0	108.57	15.41	15.46	0	33.56	15.84	25.75	0	274.63	42.51	0	92.29	
29/12/2024 20:20	9.77	0	112.84	15.39	15.07	0	36.81	15.8	24.65	0	284.53	41.17	0	99.84	
29/12/2024 20:25	9.8	0	113.33	15.39	15.14	0	33.87	15.78	24.7	0	285.68	41.1	0	91.92	
29/12/2024 20:30	10.06	0	109.98	15.41	15.53	0	34.06	15.83	25.55	0	278.09	42.63	0	93.45	
29/12/2024 20:35	10.07	0	112.85	15.39	15.25	0	38.36	15.8	25.39	0	284.52	41.64	0	104.37	
29/12/2024 20:40	10.33	0	113.33	15.38	15.21	0	34.71	15.74	26.02	0	285.52	40.98	0	93.47	
29/12/2024 20:45	10.28	0	108.91	15.42	15.61	0	34.2	15.79	26.12	0	275.53	42.49	0	93.07	
29/12/2024 20:50	10.17	0	112.23	15.39	15.24	0	37.26	15.76	25.66	0	283.04	41.28	0	100.29	
29/12/2024 20:55	10.22	0	112.25	15.38	15.45	0	33.65	15.77	25.75	0	282.88	41.92	0	91.25	
29/12/2024 21:00	10.01	0	108.81	15.41	15.76	0	33.5	15.82	25.35	0	275.21	43.13	0	91.7	
29/12/2024 21:05	10.28	0	112.35	15.39	15.38	0	36.67	15.78	25.94	0	283.38	41.82	0	98.98	
29/12/2024 21:10	9.8	0	112.25	15.38	15.64	0	32.8	15.74	24.68	0	282.8	42.13	0	88.34	
29/12/2024 21:15	10.2	0	108.19	15.41	15.63	0	32.76	15.79	25.89	0	273.59	42.55	0	89.16	
29/12/2024 21:20	10.52	0	111.4	15.39	15.44	0	36.63	15.77	26.52	0	280.95	41.86	0	99.13	
29/12/2024 21:25	11.39	0	110.78	15.39	15.53	0	34.1	15.75	28.74	0	279.5	41.97	0	92.11	
29/12/2024 21:30	10.74	0	108.11	15.41	16.06	0	34.18	15.78	27.24	0	273.43	43.58	0	92.74	
29/12/2024 21:35	10.29	0	111.33	15.39	15.59	0	37.62	15.73	25.98	0	280.93	42.01	0	100.69	
29/12/2024 21:40	10.3	0	111.17	15.39	15.67	0	34.59	15.7	25.96	0	280.25	41.86	0	92.38	
29/12/2024 21:45	10.22	0	108.47	15.41	15.82	0	34.94	15.73	25.9	0	274.13	42.52	0	93.92	
29/12/2024 21:50	10.32	0	112.17	15.39	15.39	0	38.15	15.7	26.03	0	282.91	41.21	0	101.59	
29/12/2024 21:55	10.09	0	111.45	15.38	14.53	0	45.26	15.74	25.43	0	280.8	39.06	0	123.34	
29/12/2024 22:00	10.08	0	106.69	15.42	15.7	0	33.55	15.75	25.64	0	269.84	42.4	0	90.6	
29/12/2024 22:05	10.13	0	111.36	15.39	15.24	0	36.58	15.72	25.52	0	280.66	40.99	0	97.75	
29/12/2024 22:10	10.33	0	111.19	15.38	15.32	0	33.76	15.76	26.01	0	279.97	41.42	0	91.24	
29/12/2024 22:15	10.28	0	108.27	15.41	15.37	0	33.81	15.8	26.07	0	273.56	41.91	0	92.18	
29/12/2024 22:20	10.46	0	111.16	15.39	15.09	0	36	15.77	26.38	0	280.29	40.91	0	97.22	
29/12/2024 22:25	10.55	0	110.8	15.38	15.34	0	34.47	15.74	26.57	0	279.14	41.28	0	92.77	
29/12/2024 22:30	10.19	0	107.64	15.41	15.58	0	34.69	15.76	25.84	0	271.88	42.14	0	93.83	
29/12/2024 22:35	10.15	0	110.9	15.38	15.22	0	37.8	15.73	25.57	0	279.37	40.93	0	101.08	
29/12/2024 22:40	10.41	0	111.53	15.38	15.56	0	33.98	15.69	26.2	0	280.83	41.52	0	90.61	
29/12/2024 22:45	10.55	0	107.3	15.41	16.19	0	34.16	15.73	26.76	0	271.17	43.51	0	91.82	
29/12/2024 22:50	10.28	0	110.43	15.38	15.86	0	36.65	15.7	25.91	0	278.32	42.46	0	97.7	
29/12/2024 22:55	10.41	0	110.92	15.38	15.61	0	34.38	15.69	26.22	0	279.46	41.66	0	91.74	
29/12/2024 23:00	10.37	0	107.29	15.41	15.86	0	35.6	15.71	26.3	0	271.13	42.45	0	95.31	
29/12/2024 23:05	10.29	0	110.54	15.38	15.4	0	39.34	15.68	25.93	0	278.54	41.06	0	104.35	
29/12/2024 23:10	10.28	0	109.95	15.38	15.45	0	35.38	15.68	25.88	0	276.78	41.12	0	94.17	
29/12/2024 23:15	10.24	0	105.79	15.4	15.84	0	35.77	15.71	25.91	0	267.22	42.41	0	95.75	
29/12/2024 23:20	10.29	0	110.09	15.38	15.49	0	38.68	15.68	25.92	0	277.32	41.27	0	102.59	
29/12/2024 23:25	10.44	0	109.27	15.38	15.67	0	33.68	15.66	26.28	0	275.13	41.58	0	89.33	
29/12/2024 23:30	10.35	0	107.44	15.4	15.89	0	33.07	15.68	26.16	0	271	42.33	0	88.07	
29/12/2024 23:35	10.14	0	111.1	15.38	15.41	0	36.2	15.66	25.52	0	279.67	40.92	0	95.59	
29/12/2024 23:40	10.05	0	111.75	15.37	15.39	0	33.73	15.68	25.27	0	281.07	41	0	89.83	
29/12/2024 23:45	9.98	0	108.09	15.39	15.6	0	34.23	15.7	25.22	0	272.54	41.69	0	91.47	
29/12/2024 23:50	10.19	0	111.17	15.38	15.21	0	37.65	15.67	25.64	0	279.78	40.44	0	99.58	
29/12/2024 23:55	10.53	0	111.45	15.37	15.44	0	34.02	15.65	26.46	0	280.08	40.9	0	90.13	
30/12/2024 00:00	10.12	0	108.01	15.39	15.79	0	33.51	15.67	25.57	0	272.16	41.99	0	89.14	
30/12/2024 00:05	10.42	0	111.63	15.38	15.54	0	36.15	15.65	26.23	0	281.02	41.22	0	95.43	
30/12/2024 00:10	10.5	0	112.05	15.38	15.53	0	33.65	15.66	26.42	0	281.97	41.18	0	89.22	
30/12/2024 00:15	10.43	0	108.36	15.4	15.65	0	34.09	15.69	26.41	0	273.39	41.72	0	90.88	
30/12/2024 00:20	10.16	0	111.23	15.38	15.23	0	37.6	15.66	25.58	0	279.97	40.48	0	99.4	
30/12/2024 00:25	10.27	0	111.25	15.38	15.37	0	34.24	15.69	25.83	0	279.97	41.04	0	91.4	
30/12/2024 00:30	10.41														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
30/12/2024 01:30	10.03	0	106.33	15.39	15.48	0	34.02	15.68	25.33	0	267.89	41.21	0	90.54	
30/12/2024 01:35	10.3	0	111.18	15.37	15.16	0	37.27	15.66	25.91	0	279.64	40.21	0	98.38	
30/12/2024 01:40	10.58	0	111.58	15.37	15.21	0	33.45	15.68	26.58	0	280.4	40.47	0	89	
30/12/2024 01:45	10.47	0	107.78	15.4	15.42	0	33.62	15.7	26.49	0	271.77	41.19	0	89.82	
30/12/2024 01:50	10.13	0	110.93	15.37	15.01	0	37.03	15.67	25.45	0	278.76	39.93	0	97.95	
30/12/2024 01:55	10.53	0	110.64	15.37	15.16	0	33.87	15.66	26.45	0	277.88	40.2	0	89.81	
30/12/2024 02:00	10.43	0	107.02	15.39	15.64	0	34.22	15.67	26.36	0	269.56	41.56	0	90.95	
30/12/2024 02:05	10.26	0	110.62	15.37	15.3	0	37.19	15.64	25.77	0	277.92	40.48	0	97.96	
30/12/2024 02:10	10.41	0	110.33	15.37	15.6	0	33.51	15.63	26.14	0	277.1	41.17	0	88.42	
30/12/2024 02:15	10.39	0	106.85	15.39	15.91	0	33.44	15.66	26.22	0	269.01	42.2	0	88.7	
30/12/2024 02:20	10.57	0	109.53	15.36	15.54	0	36.54	15.64	26.55	0	275.01	41.07	0	96.13	
30/12/2024 02:25	10.66	0	108.89	15.36	15.74	0	33.48	15.63	26.73	0	273.1	41.54	0	88.34	
30/12/2024 02:30	10.55	0	105.33	15.39	16.22	0	33.36	15.65	26.65	0	265.36	42.97	0	88.39	
30/12/2024 02:35	10.56	0	109.6	15.37	15.84	0	36.17	15.63	26.52	0	275.28	41.84	0	95.09	
30/12/2024 02:40	10.7	0	109.22	15.36	15.83	0	32.44	15.64	26.87	0	274.16	41.81	0	85.7	
30/12/2024 02:45	10.57	0	106.09	15.38	15.91	0	32.28	15.67	26.64	0	266.83	42.26	0	85.72	
30/12/2024 02:50	10.59	0	108.88	15.36	15.48	0	35.46	15.64	26.58	0	273.37	40.97	0	93.38	
30/12/2024 02:55	10.88	0	108.98	15.36	15.65	0	32.6	15.65	27.29	0	273.49	41.46	0	86.39	
30/12/2024 03:00	10.59	0	106.36	15.39	15.89	0	32	15.67	26.72	0	267.79	42.27	0	85.1	
30/12/2024 03:05	10.47	0	109.68	15.37	15.52	0	35.36	15.64	26.34	0	275.81	41.09	0	93.1	
30/12/2024 03:10	10.94	0	109.42	15.37	15.59	0	33	15.64	27.5	0	275.13	41.17	0	87.16	
30/12/2024 03:15	10.61	0	106.39	15.39	15.83	0	33.56	15.67	26.81	0	268.09	42.05	0	89.16	
30/12/2024 03:20	10.7	0	110.51	15.38	15.39	0	37.56	15.64	26.92	0	278.03	40.71	0	98.83	
30/12/2024 03:25	10.64	0	110.69	15.37	16	0	34	15.63	26.76	0	278.39	42.16	0	89.61	
30/12/2024 03:30	10.54	0	106.9	15.39	16	0	33.91	15.66	26.6	0	269.19	42.43	0	89.9	
30/12/2024 03:35	10.38	0	110.1	15.37	15.57	0	37.3	15.63	26.09	0	276.69	41.1	0	98.01	
30/12/2024 03:40	10.38	0	110.84	15.37	15.7	0	33.72	15.63	26.06	0	278.39	41.41	0	88.93	
30/12/2024 03:45	10.41	0	106.97	15.39	15.66	0	33.46	15.66	26.32	0	269.46	41.54	0	88.75	
30/12/2024 03:50	10.2	0	110.48	15.37	15.35	0	34.78	15.64	25.62	0	277.63	40.59	0	91.74	
30/12/2024 03:55	9.81	0	110.39	15.36	15.51	0	33.93	15.63	24.63	0	277.1	40.91	0	89.51	
30/12/2024 04:00	10.47	0	107.14	15.39	15.68	0	34.01	15.66	26.45	0	269.76	41.58	0	90.19	
30/12/2024 04:05	10.7	0	110.53	15.37	15.4	0	36.53	15.64	26.89	0	277.76	40.7	0	96.15	
30/12/2024 04:10	10.64	0	109.27	15.37	15.56	0	33.85	15.63	26.73	0	274.51	41.02	0	89.2	
30/12/2024 04:15	10.59	0	105.89	15.39	16.25	0	33.73	15.65	26.74	0	266.73	43.04	0	89.32	
30/12/2024 04:20	10.47	0	109.73	15.37	15.98	0	35.34	15.63	26.29	0	275.62	42.18	0	93.08	
30/12/2024 04:25	10.52	0	109.28	15.36	15.69	0	33.64	15.62	26.4	0	274.31	41.29	0	88.5	
30/12/2024 04:30	10.68	0	104.59	15.38	16.02	0	33.32	15.65	26.94	0	263.34	42.42	0	88.21	
30/12/2024 04:35	10.81	0	109.89	15.37	15.88	0	35.42	15.63	27.14	0	275.99	41.92	0	93.25	
30/12/2024 04:40	10.72	0	109.92	15.35	15.8	0	32.83	15.66	26.87	0	275.53	41.87	0	87.01	
30/12/2024 04:45	10.63	0	107.68	15.38	16.27	0	32.6	15.68	26.79	0	271.01	43.34	0	86.83	
30/12/2024 04:50	10.67	0	108.55	15.37	15.91	0	35.89	15.65	26.79	0	272.64	42.16	0	94.6	
30/12/2024 04:55	10.94	0	108.47	15.36	15.71	0	33.09	15.62	27.46	0	272.35	41.35	0	87.09	
30/12/2024 05:00	10.67	0	105.86	15.38	16.08	0	32.71	15.65	26.92	0	266.36	42.59	0	86.65	
30/12/2024 05:05	10.99	0	109.16	15.37	15.66	0	36.35	15.63	27.64	0	274.38	41.32	0	95.42	
30/12/2024 05:10	11	0	108.72	15.37	15.98	0	33.5	15.64	27.64	0	273.13	42.22	0	88.48	
30/12/2024 05:15	10.87	0	105.19	15.38	16.01	0	33.53	15.66	27.43	0	264.77	42.47	0	88.95	
30/12/2024 05:20	10.64	0	108.82	15.37	15.62	0	36.3	15.64	26.75	0	273.42	41.3	0	95.58	
30/12/2024 05:25	10.58	0	109.25	15.36	15.68	0	32.69	15.64	26.55	0	274.16	41.4	0	86.34	
30/12/2024 05:30	10.72	0	106.81	15.38	15.96	0	33.7	15.67	27.02	0	268.61	42.45	0	89.61	
30/12/2024 05:35	10.79	0	109.2	15.37	15.58	0	36.21	15.65	27.11	0	274.33	41.25	0	95.56	
30/12/2024 05:40	10.47	0	109.09	15.36	15.9	0	32.65	15.64	26.29	0	273.92	42.02	0	86.28	
30/12/2024 05:45	10.56	0	105.65	15.39	15.86	0	32.99	15.66	26.66	0	265.97	42.11	0	87.59	
30/12/2024 05:50	10.81	0	109.51	15.37	15.48	0	36.38	15.64	27.17	0	275.2	40.96	0	95.79	
30/12/2024 05:55	11.14	0	111.05	15.37	15.78	0	34.34	15.62	27.98	0	278.9	41.56	0	90.42	
30/12/2024 06:00	10.93	0	106.18	15.39	16.16	0	33.81	15.65	27.58	0	267.31	42.77	0	89.51	
30/12/2024 06:05	10.58	0	109.24	15.36	15.81	0	35.81	15.63	26.56	0	274.24	41.71	0	94.16	
30/12/2024 06:10	10.72	0	110.64	15.36	15.69	0	33.09	15.63	26.88	0	277.49	41.37	0	87.28	
30/12/2024 06:15	10.55	0	107.84	15.37	15.95	0	33.36	15.65	26.57	0	270.99	42.26	0	88.37	
30/12/2024 06:20	10.7	0	109.42	15.36	15.64	0	35.05	15.63	26.86	0	274.63	41.3	0	92.3	
30/12/2024 06:25	10.59	0	108.42	15.36	15.67	0	33.66	15.62	26.57	0	271.93	41.24	0	88.55	
30/12/2024 06:30	10.48	0	106.03	15.38	15.85	0	33.83	15.65	26.44	0	266.69	41.93	0	89.51	
30/12/2024 06:35	10.7	0	110.35	15.36	15.54	0	36.59	15.63	26.84	0	276.92	40.99	0	96.1	
30/12/2024 06:40	10.8	0	110.53	15.36	15.85	0	34.72	15.64	27.09	0	277.37	41.89	0	91.74	
30/12/2024 06:45	10.6	0	106.82	15.38	15.73	0	34.2	15.66	26.71	0	268.58	41.76	0	90.79	
30/12/2024 06:50	10.42	0	110.56	15.36	15.37	0	37.96	15.64	26.12	0	277.19	40.64	0	100.25	
30/12/2024 06:55	10.66	0	110.27	15.35	15.84	0	34.1	15.63	26.7	0	276.24	41.79	0	89.92	
30/12/2024 07:00	10.59	0	107.56	15.37	16.17	0	34.4	15.66	26.68	0	270.32	42.9	0	91.22	
30/12/2024 07:05	10.54	0	109.88	15.36	15.79	0	37.57	15.63	26.44	0	275.68	41.69	0	98.73	
30/12/2024 07:10	10.75	0	110.05	15.35	15.94	0	33.66	15.61	26.95	0	275.85	41.9	0	88.48	
30/12/2024 07:15	10.39	0	106.1	15.38	16.1	0	34.14	15.64	26.19	0	266.9	42.54	0	90.21	
30/12/2024 07:20	10.71	0	109.79	15.36	15.83	0	37.35	15.62	26.86	0	275.44	41.68	0	97.92	
30/12/2024 07:25	11.2	0	110.33	15.35	15.7	0	34.29	15.61	28.08	0	276.55	41.25	0	90.08	
30/12/2024 07:30	10.81	0	106.63	15.37	15.98	0	33.87	15.63	27.21	0	267.91	42.15	0	89.34	
30/12/2024 07:35	10.54	0	109.46	15.36	15.75	0	37.06	15.61	26.47	0	274.83	41.44	0	97.45	
30/12/2024 07:40	10.69	0	109.3	15.36	15.86	0	33.17	15.62	26.81	0	274.2	41.76	0	87.35	
30/12/2024 07:45	10.58	0	105.82	15.38	16.06	0	33.3	15.64	26.68	0	266.06	42.44	0	87.97	
30/12/2024 07:50	10.83	0	109.49	15.36	15.78	0	37.05	15.62	27.17	0	274.72	41.58	0	97.5	
30/12/2024 07:55	10.94	0	110.22	15.36	15.93	0	34.08	15.6	27.44	0	276.51	41.76	0	89.33	
30/12/2024 08:00	10.														



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
30/12/2024 09:00	10.47	0	105.78	15.34	16.06	0	32.68	15.61	26.19	0	263.97	42.21	0	85.88	
30/12/2024 09:05	10.2	0	108.9	15.3	15.67	0	35.48	15.59	25.34	0	270.54	41.03	0	92.51	
30/12/2024 09:10	10.44	0	108.73	15.3	15.57	0	32.24	15.59	25.9	0	269.82	40.78	0	84.44	
30/12/2024 09:15	9.92	0	104.99	15.32	15.68	0	32.3	15.62	24.75	0	261.53	41.33	0	85.12	
30/12/2024 09:20	10.12	0	108.95	15.33	15.23	0	35.64	15.6	25.25	0	271.69	39.98	0	93.11	
30/12/2024 09:25	9.94	0	108.69	15.33	15.59	0	32.24	15.61	24.8	0	271.22	40.96	0	84.7	
30/12/2024 09:30	10.27	0	103.68	15.36	15.88	0	32.44	15.64	25.84	0	259.87	42	0	85.81	
30/12/2024 09:35	10.23	0	109.23	15.34	15.46	0	35.86	15.63	25.6	0	273.26	40.78	0	94.1	
30/12/2024 09:40	10.48	0	109.48	15.33	15.78	0	32.15	15.65	26.18	0	273.43	41.78	0	85.11	
30/12/2024 09:45	10.42	0	105.2	15.37	15.89	0	32.48	15.69	26.23	0	263.86	42.41	0	86.7	
30/12/2024 09:50	10.28	0	108.21	15.35	15.49	0	35.69	15.66	25.73	0	270.99	41.15	0	94.33	
30/12/2024 09:55	10.59	0	107.28	15.35	15.57	0	32.35	15.68	26.52	0	268.61	41.45	0	86.11	
30/12/2024 10:00	10.32	0	104.8	15.37	16.14	0	32.06	15.72	26	0	263.28	43.28	0	85.96	
30/12/2024 10:05	10.36	0	108.55	15.36	15.63	0	35.46	15.69	25.98	0	272.16	41.74	0	94.1	
30/12/2024 10:10	10.14	0	108.59	15.35	15.57	0	32.16	15.73	25.4	0	271.97	41.87	0	86.49	
30/12/2024 10:15	9.97	0	106.78	15.37	15.73	0	32.8	15.75	25.13	0	268.33	42.46	0	88.57	
30/12/2024 10:20	10.2	0	110.58	15.36	15.25	0	36.41	15.71	25.6	0	277.5	40.92	0	97	
30/12/2024 10:25	10.58	0	111.83	15.36	15.55	0	32.64	15.69	26.53	0	280.47	41.52	0	87.1	
30/12/2024 10:30	10.31	0	107.73	15.38	15.55	0	32.78	15.73	26.01	0	270.95	41.78	0	88.1	
30/12/2024 10:35	10.23	0	109.62	15.36	15.15	0	36.08	15.7	25.66	0	275.1	40.52	0	95.91	
30/12/2024 10:40	10.5	0	110	15.36	15.51	0	32.24	15.68	26.33	0	275.88	41.35	0	85.93	
30/12/2024 10:45	10.29	0	106.08	15.39	15.65	0	32.83	15.72	26.04	0	267.34	42.01	0	88.12	
30/12/2024 10:50	10.5	0	109.87	15.37	15.38	0	34.11	15.7	26.42	0	276.35	41.17	0	91.08	
30/12/2024 10:55	10.94	0	110.66	15.37	15.41	0	32.63	15.71	27.51	0	278.31	41.25	0	87.34	
30/12/2024 11:00	10.72	0	107.17	15.4	15.92	0	33.31	15.74	27.14	0	270.43	42.88	0	89.75	
30/12/2024 11:05	10.08	0	111.41	15.37	15.6	0	36.29	15.71	25.37	0	280.24	41.84	0	96.82	
30/12/2024 11:10	10.63	0	112.03	15.37	15.15	0	34.59	15.71	26.72	0	281.69	40.6	0	92.67	
30/12/2024 11:15	9.88	0	108.85	15.39	15.54	0	34.39	15.74	24.98	0	274.37	41.86	0	92.65	
30/12/2024 11:20	9.75	0	112.71	15.38	15.21	0	37.3	15.72	24.55	0	283.68	40.84	0	99.58	
30/12/2024 11:25	9.75	0	112.44	15.37	15.19	0	34.55	15.74	24.52	0	282.71	40.92	0	93.04	
30/12/2024 11:30	9.74	0	109.31	15.41	15.57	0	34.69	15.78	24.71	0	276.1	42.24	0	94.13	
30/12/2024 11:35	10.11	0	112.72	15.39	15.26	0	37.67	15.76	25.49	0	284.32	41.28	0	101.3	
30/12/2024 11:40	10.78	0	112.3	15.39	15.13	0	34.58	15.84	27.18	0	283.08	41.61	0	95.05	
30/12/2024 11:45	10.75	0	109.18	15.43	15.17	0	34.3	15.88	27.38	0	276.65	41.99	0	94.93	
30/12/2024 11:50	9.96	0	114.02	15.38	14.81	0	37.81	15.85	25.09	0	287.37	40.81	0	103.33	
30/12/2024 11:55	10.48	0	114.22	15.38	14.8	0	35.34	15.8	26.4	0	287.6	40.34	0	96.3	
30/12/2024 12:00	9.68	0	109.01	15.4	15.07	0	36.33	15.85	24.52	0	275.25	41.44	0	99.91	
30/12/2024 12:05	9.94	0	114.68	15.38	14.61	0	39.84	15.8	25.03	0	288.78	39.95	0	108.03	
30/12/2024 12:10	9.69	0	114.7	15.38	14.98	0	35.18	15.84	24.37	0	288.57	41.17	0	96.65	
30/12/2024 12:15	9.79	0	111.63	15.41	15.19	0	36.13	15.85	24.85	0	281.99	41.79	0	99.38	
30/12/2024 12:20	9.51	0	114.85	15.38	14.56	0	39.73	15.81	23.95	0	289.12	39.88	0	107.87	
30/12/2024 12:25	8.66	0	113.52	15.37	14.72	0	36.18	15.83	21.76	0	285.34	40.38	0	99.25	
30/12/2024 12:30	9	0	113.75	15.4	14.91	0	36.62	15.82	22.8	0	287.34	40.83	0	100.24	
30/12/2024 12:35	9.55	0	115.67	15.39	14.58	0	40.93	15.79	24.09	0	291.75	39.67	0	111.14	
30/12/2024 12:40	9.77	0	115.27	15.39	14.65	0	37.21	15.74	24.62	0	290.65	39.51	0	100.29	
30/12/2024 12:45	9.68	0	115.51	15.41	15.66	0	36.79	15.72	24.57	0	282.14	41.99	0	98.67	
30/12/2024 12:50	9.57	0	115.46	15.39	15.33	0	41.7	15.7	24.11	0	291.07	40.98	0	111.18	
30/12/2024 12:55	10.06	0	116.09	15.39	14.78	0	37.46	15.69	25.37	0	292.65	39.42	0	99.92	
30/12/2024 13:00	9.65	0	111.29	15.41	14.95	0	37.68	15.68	24.47	0	281.25	39.84	0	100.37	
30/12/2024 13:05	9.5	0	114.97	15.38	14.57	0	40.05	15.66	23.94	0	289.72	38.7	0	106.02	
30/12/2024 13:10	9.75	0	114.75	15.38	14.96	0	36.43	15.68	24.56	0	289.02	39.88	0	97.06	
30/12/2024 13:15	9.58	0	111.88	15.4	15.25	0	37.32	15.69	24.25	0	282.47	40.7	0	99.59	
30/12/2024 13:20	9.62	0	113.74	15.38	14.82	0	40	15.68	24.25	0	286.59	39.51	0	106.19	
30/12/2024 13:25	9.52	0	113.42	15.38	14.71	0	35.71	15.81	23.96	0	285.59	40.16	0	97.5	
30/12/2024 13:30	9.51	0	110.5	15.41	15	0	36.4	15.82	24.14	0	279.28	41.03	0	99.53	
30/12/2024 13:35	9.57	0	114.12	15.38	14.43	0	39.61	15.8	24.1	0	287.43	39.37	0	107.32	
30/12/2024 13:40	9.39	0	113.91	15.37	14.1	0	35.12	15.97	23.62	0	286.49	39.84	0	99.12	
30/12/2024 13:45	9.39	0	109.23	15.43	14.32	0	35.07	16.04	24.01	0	276.48	40.94	0	100.29	
30/12/2024 13:50	9.33	0	113.74	15.38	13.99	0	38.89	16.02	23.49	0	286.4	39.89	0	110.5	
30/12/2024 13:55	9.45	0	112.83	15.38	14.18	0	31.93	16.13	23.8	0	284.1	41.35	0	93.06	
30/12/2024 14:00	9.43	0	110.73	15.42	14.21	0	32.27	16.21	23.98	0	280.42	42.09	0	95.6	
30/12/2024 14:05	9.48	0	113.31	15.37	14	0	36.38	16.12	23.82	0	284.88	40.88	0	104.55	
30/12/2024 14:10	9.59	0	113.7	15.37	14.06	0	33.48	16.07	24.1	0	285.65	40.53	0	96.45	
30/12/2024 14:15	9.67	0	109.63	15.42	14.74	0	32.51	16.13	24.64	0	277.01	42.96	0	94.73	
30/12/2024 14:20	9.9	0	113.84	15.37	14.5	0	35.72	16.07	24.9	0	286.23	41.87	0	101.92	
30/12/2024 14:25	9.61	0	113.75	15.36	13.91	0	33.44	16.18	24.11	0	285.37	41.04	0	98.57	
30/12/2024 14:30	9.69	0	107.01	15.45	13.86	0	31.67	16.37	24.96	0	270.6	42.54	0	97.18	
30/12/2024 14:35	9.68	0	113.59	15.37	13.69	0	35.15	16.27	24.32	0	285.45	41.35	0	104.22	
30/12/2024 14:40	9.5	0	113.92	15.36	14.02	0	33.07	16.15	23.83	0	285.8	41.08	0	96.78	
30/12/2024 14:45	9.26	0	107.96	15.41	14.03	0	32.61	16.38	23.6	0	272.88	43.16	0	100.3	
30/12/2024 14:50	9.89	0	112.67	15.37	13.92	0	36.02	16.29	24.86	0	283.15	42.11	0	107.16	
30/12/2024 14:55	10.11	0	111.8	15.36	13.72	0	30.31	16.53	25.38	0	280.63	43.93	0	96.65	
30/12/2024 15:00	9.85	0	108.1	15.47	12.83	0	25.4	17.24	25.55	0	274.48	48.82	0	96.56	
30/12/2024 15:05	9.75	0	112.02	15.37	12.67	0	29.79	17.05	24.5	0	281.51	46.65	0	104.15	
30/12/2024 15:10	9.88	0	112.42	15.36	13.9	0	31.79	16.27	24.79	0	282.2	41.83	0	95.51	
30/12/2024 15:15	9.77	0	109.69	15.44	13.67	0	31.1	16.49	25.05	0	278	43.03	0	97.93	
30/12/2024 15:20	9.74	0	113.35	15.37	13.55	0	35.01	16.36	24.49	0	284.96	41.66	0	105.49	
30/12/2024 15:25	10.11	0	112.89	15.37	13.72	0	31.53	16.29	25.4	0	283.69	41.51	0	95.19	
30/12/2024 15:30	9.89	0	109.41	15.44	13										



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NO	ck1_SO	ck1_CO	ck2_NO	ck2_SO	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
30/12/2024 16:30	9.42	0	109.9	15.43	13.98	0	31.01	16.45	24.06	0	277.9	43.67	0	96.87	
30/12/2024 16:35	9.74	0	113.68	15.38	13.6	0	34.48	16.37	24.53	0	286.31	41.99	0	104.24	
30/12/2024 16:40	8.95	0	113.5	15.37	13.58	0	31.45	16.4	22.5	0	285.22	42.07	0	97.1	
30/12/2024 16:45	9.27	0	110.52	15.45	13.02	0	28.03	16.91	23.86	0	280.64	45.39	0	97.71	
30/12/2024 16:50	9.53	0	113.42	15.38	12.89	0	30.09	16.8	24.02	0	285.72	44.05	0	101.05	
30/12/2024 16:55	9.41	0	113.08	15.38	13.82	0	31.38	16.32	23.67	0	284.57	42.04	0	95.27	
30/12/2024 17:00	9.51	0	107.64	15.42	13.79	0	30.6	16.47	24.31	0	271.93	43.31	0	96.1	
30/12/2024 17:05	10.98	0	106.29	15.33	13.55	0	33.91	16.39	27.38	0	265.05	42.04	0	103.05	
30/12/2024 17:10	9.92	0	106.13	15.31	13.81	0	31.26	16.3	24.67	0	263.86	41.88	0	94.62	
30/12/2024 17:15	10.58	0	103.89	15.39	14.04	0	30.59	16.59	26.84	0	260.87	45.32	0	98.73	
30/12/2024 17:20	11.02	0	106.99	15.33	13.89	0	34.1	16.49	27.5	0	267.14	44.06	0	105.91	
30/12/2024 17:25	11.02	0	106.94	15.34	13.59	0	31.03	16.4	27.53	0	267.22	42.15	0	96.07	
30/12/2024 17:30	10.01	0	105.89	15.47	13.99	0	29.13	16.76	25.93	0	269.16	44.99	0	97.87	
30/12/2024 17:35	9.39	0	113.9	15.38	13.17	0	32.59	16.66	23.64	0	286.57	43.54	0	104.7	
30/12/2024 17:40	9.22	0	113.91	15.37	13.52	0	29.5	16.47	23.16	0	286.16	42.6	0	92.59	
30/12/2024 17:45	9.27	0	110.46	15.39	14.34	0	32.45	16.06	23.44	0	278.53	41.55	0	93.24	
30/12/2024 17:50	9.79	0	114.28	15.39	14.36	0	37.25	15.79	24.69	0	288.11	39.16	0	100.97	
30/12/2024 17:55	9.58	0	113.48	15.38	13.1	0	27.51	16.78	24.13	0	285.91	44.29	0	92.89	
30/12/2024 18:00	9.61	0	111.81	15.44	13.22	0	27.28	16.85	24.68	0	284.35	45.4	0	93.71	
30/12/2024 18:05	9.82	0	114.05	15.37	13.02	0	31.59	16.67	24.7	0	286.7	43.2	0	101.57	
30/12/2024 18:10	9.77	0	113.84	15.36	14.1	0	31.97	16.25	24.52	0	285.85	42.23	0	95.6	
30/12/2024 18:15	9.85	0	109.7	15.42	13.73	0	30.18	16.54	25.13	0	278.4	43.79	0	96.28	
30/12/2024 18:20	9.87	0	114.89	15.38	13.47	0	34.25	16.42	24.87	0	289.43	42.08	0	104.45	
30/12/2024 18:25	9.61	0	114.95	15.38	14.43	0	34.02	15.99	24.18	0	289.29	40.92	0	96.42	
30/12/2024 18:30	9.6	0	112.35	15.41	14.26	0	34.6	16.1	24.39	0	283.88	41.33	0	100.27	
30/12/2024 18:35	9.39	0	115.73	15.38	13.99	0	37.93	16.04	23.63	0	291.39	40.09	0	107.51	
30/12/2024 18:40	9.39	0	116.09	15.37	14.19	0	35.04	15.97	23.62	0	291.99	40	0	98.75	
30/12/2024 18:45	9.93	0	110.85	15.43	13.92	0	34.6	16.06	25.35	0	280.63	39.98	0	99.38	
30/12/2024 18:50	9.6	0	115.44	15.37	13.54	0	37.88	16	24.16	0	290.42	38.5	0	106.58	
30/12/2024 18:55	9.27	0	115.06	15.36	14.06	0	34.46	15.96	23.25	0	288.74	39.57	0	96.93	
30/12/2024 19:00	9.61	0	112.38	15.4	14.56	0	34.16	16.02	24.36	0	283.71	41.46	0	97.3	
30/12/2024 19:05	9.8	0	113.87	15.37	14.1	0	37.89	15.95	24.64	0	286.42	39.7	0	105.46	
30/12/2024 19:10	9.3	0	113.05	15.37	14.29	0	34.77	15.91	23.35	0	283.93	39.85	0	96.94	
30/12/2024 19:15	9.34	0	109.12	15.4	14.48	0	34.24	15.99	23.67	0	275.51	40.99	0	96.91	
30/12/2024 19:20	10.04	0	114.41	15.38	14.11	0	38.53	15.92	25.28	0	288.06	39.51	0	106.53	
30/12/2024 19:25	10.22	0	114.64	15.38	14.39	0	36.6	15.82	25.72	0	288.58	39.45	0	100.25	
30/12/2024 19:30	9.62	0	111.46	15.42	14.7	0	35.97	15.94	24.49	0	282.02	41.16	0	100.74	
30/12/2024 19:35	9.63	0	116.42	15.38	14.35	0	39.43	15.89	24.28	0	293.39	39.94	0	108.73	
30/12/2024 19:40	9.36	0	117.13	15.38	14.06	0	37.58	15.93	23.55	0	294.67	39.34	0	105.02	
30/12/2024 19:45	9.56	0	114.25	15.41	14.12	0	37.04	16.09	24.24	0	289.09	40.76	0	106.95	
30/12/2024 19:50	9.58	0	118.35	15.37	13.92	0	40.74	16.01	24.09	0	297.58	39.74	0	114.87	
30/12/2024 19:55	9.61	0	118.08	15.36	14.15	0	38.61	15.8	24.13	0	296.48	38.61	0	105.3	
30/12/2024 20:00	9.77	0	114.87	15.4	14.29	0	38.15	15.93	24.74	0	289.58	39.97	0	106.72	
30/12/2024 20:05	9.65	0	119.09	15.38	14.06	0	41.47	15.87	24.28	0	299.76	38.95	0	113.95	
30/12/2024 20:10	9.98	0	119.89	15.38	14.1	0	38.98	15.79	25.13	0	301.71	38.35	0	105.94	
30/12/2024 20:15	9.36	0	115.59	15.41	14.37	0	38.08	15.85	23.77	0	292.02	39.55	0	104.81	
30/12/2024 20:20	9.56	0	119.05	15.37	14.02	0	42.48	15.8	24.06	0	299.47	38.24	0	114.89	
30/12/2024 20:25	9.73	0	118.98	15.37	14.07	0	39.61	15.74	24.48	0	299.18	37.96	0	106.8	
30/12/2024 20:30	9.28	0	115.08	15.39	14.22	0	39.47	15.81	23.44	0	290.17	38.85	0	107.84	
30/12/2024 20:35	9.26	0	119.42	15.37	13.8	0	42.68	15.78	23.27	0	300.06	37.54	0	115.27	
30/12/2024 20:40	8.88	0	119.92	15.36	13.98	0	38.86	15.79	22.26	0	300.77	38.06	0	105.83	
30/12/2024 20:45	9.34	0	115.91	15.39	14.2	0	39.02	15.85	23.63	0	292	39.08	0	107.39	
30/12/2024 20:50	9.85	0	119.65	15.37	13.97	0	42.38	15.81	24.74	0	300.49	38.19	0	115.08	
30/12/2024 20:55	10.75	0	119.88	15.37	14.05	0	39.18	15.77	27	0	301.08	38.09	0	106.17	
30/12/2024 21:00	9.76	0	115.72	15.39	14.35	0	39.17	15.83	24.64	0	291.67	39.36	0	107.44	
30/12/2024 21:05	9.91	0	119.92	15.36	14.11	0	42.61	15.79	24.88	0	300.98	38.41	0	115.26	
30/12/2024 21:10	10.66	0	119.61	15.36	14.25	0	39.31	15.75	26.75	0	300.24	38.45	0	106.03	
30/12/2024 21:15	9.96	0	116.47	15.39	14.39	0	40.17	15.79	25.16	0	293.24	39.16	0	109.3	
30/12/2024 21:20	9.48	0	120.25	15.36	14.02	0	43.64	15.76	23.79	0	301.86	37.98	0	117.47	
30/12/2024 21:25	9.44	0	119.81	15.36	14.24	0	40.46	15.72	23.66	0	300.41	38.26	0	108.69	
30/12/2024 21:30	9.12	0	116.64	15.37	14.59	0	40.65	15.78	22.99	0	293.4	39.56	0	110.26	
30/12/2024 21:35	9.78	0	120.2	15.35	14.35	0	44.02	15.74	24.49	0	301.15	38.7	0	118.03	
30/12/2024 21:40	10.3	0	119.69	15.35	14.09	0	40.25	15.74	25.77	0	299.5	37.95	0	108.4	
30/12/2024 21:45	9.24	0	117.18	15.37	14.6	0	41.29	15.78	23.27	0	294.16	39.63	0	112.13	
30/12/2024 21:50	9.67	0	120.22	15.36	14.43	0	45.78	15.75	24.24	0	301.38	39	0	123.34	
30/12/2024 21:55	9.77	0	119.77	15.35	14.08	0	40.53	15.74	24.45	0	299.87	37.97	0	109.25	
30/12/2024 22:00	9.47	0	116.56	15.38	14.19	0	40.32	15.81	23.9	0	292.98	38.76	0	110.16	
30/12/2024 22:05	9.57	0	120.87	15.35	13.72	0	44.12	15.77	23.97	0	302.75	37.23	0	118.83	
30/12/2024 22:10	9.34	0	121.25	15.34	14.03	0	39.83	15.74	23.38	0	303.33	37.78	0	107.23	
30/12/2024 22:15	9.34	0	116.67	15.38	14.28	0	39.77	15.78	23.57	0	293.21	38.78	0	107.99	
30/12/2024 22:20	9.44	0	120.58	15.36	14.1	0	44.39	15.76	23.7	0	302.77	38.17	0	119.83	
30/12/2024 22:25	9.8	0	120.31	15.37	13.84	0	40.66	15.73	24.62	0	302.34	37.22	0	109.33	
30/12/2024 22:30	9.6	0	117.09	15.39	14.34	0	40.95	15.78	24.24	0	294.82	38.97	0	111.26	
30/12/2024 22:35	9.67	0	119.49	15.36	13.94	0	44.76	15.75	24.25	0	299.65	37.7	0	120.26	
30/12/2024 22:40	9.47	0	119.11	15.35	13.95	0	40.11	15.75	23.7	0	298.14	37.69	0	108.33	
30/12/2024 22:45	9.58	0	115.54	15.38	14.06	0	39.3	15.78	24.18	0	290.49	38.18	0	106.68	
30/12/2024 22:50	9.83	0	118.81	15.35	13.69	0	42.5	15.75	24.63	0	297.82	36.99	0	114.13	
30/12/2024 22:55	10.06	0	118.95	15.35	14.28	0	38.81	15.76	25.22	0	298.17	38.6	0	104.86	
30/12/2024 23:00	9.71														



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
31/12/2024 00:00	9.65	0	113.98	15.37	14.28	0	37.48	15.74	24.31	0	285.97	38.45	0	100.94	
31/12/2024 00:05	9.62	0	117.97	15.34	13.88	0	40.1	15.71	24.06	0	295.16	37.21	0	107	
31/12/2024 00:10	9.59	0	117.8	15.34	14.17	0	38.95	15.68	23.97	0	294.36	37.74	0	103.71	
31/12/2024 00:15	9.5	0	113.35	15.36	14.59	0	38.7	15.71	23.88	0	284.29	39.08	0	103.69	
31/12/2024 00:20	9.76	0	118.29	15.35	14.33	0	40.44	15.69	24.43	0	296.13	38.28	0	107.73	
31/12/2024 00:25	9.83	0	118.88	15.35	14.08	0	38.84	15.7	24.61	0	297.64	37.64	0	103.78	
31/12/2024 00:30	9.46	0	115.58	15.38	14.14	0	39.26	15.73	23.85	0	290.37	38	0	105.5	
31/12/2024 00:35	9.5	0	118.76	15.35	13.82	0	43.18	15.7	23.82	0	297.63	36.95	0	114.81	
31/12/2024 00:40	9.52	0	118.02	15.35	13.9	0	38.76	15.76	23.84	0	295.65	37.57	0	104.77	
31/12/2024 00:45	9.53	0	115.42	15.38	14.24	0	38.73	15.77	24.02	0	290	38.56	0	104.9	
31/12/2024 00:50	9.3	0	119.55	15.35	14.03	0	42.56	15.73	23.32	0	299.67	37.74	0	113.76	
31/12/2024 00:55	9.53	0	119.7	15.35	14.07	0	40.48	15.65	23.88	0	299.97	37.24	0	107.12	
31/12/2024 01:00	9.17	0	115.36	15.37	14.14	0	40.78	15.68	23.07	0	289.87	37.63	0	108.5	
31/12/2024 01:05	9.47	0	119.52	15.36	13.85	0	43.78	15.65	23.74	0	299.61	36.7	0	115.56	
31/12/2024 01:10	9.73	0	118.97	15.35	14.04	0	40.04	15.65	24.37	0	297.79	37.18	0	106.04	
31/12/2024 01:15	9.87	0	113.3	15.38	14.61	0	38.55	15.68	24.87	0	284.71	38.91	0	102.71	
31/12/2024 01:20	9.79	0	116.85	15.35	14.39	0	41.86	15.66	24.53	0	292.82	38.21	0	110.6	
31/12/2024 01:25	9.58	0	118.11	15.35	14.31	0	38.76	15.64	24	0	295.89	37.84	0	102.5	
31/12/2024 01:30	9.57	0	114.8	15.37	14.48	0	38.94	15.66	24.1	0	288.19	38.43	0	103.37	
31/12/2024 01:35	9.74	0	115.11	15.35	14.19	0	41.44	15.64	24.4	0	288.29	37.53	0	109.1	
31/12/2024 01:40	9.86	0	112.81	15.34	14.51	0	37.18	15.63	24.67	0	282.22	38.28	0	98.06	
31/12/2024 01:45	9.69	0	112.01	15.37	14.61	0	38.34	15.65	24.38	0	281.16	38.7	0	101.53	
31/12/2024 01:50	9.66	0	117.38	15.36	14.37	0	42.19	15.62	24.23	0	294.5	37.89	0	110.74	
31/12/2024 01:55	9.69	0	116.38	15.35	14.28	0	39.14	15.6	24.27	0	291.54	37.48	0	102.7	
31/12/2024 02:00	9.51	0	113.73	15.37	14.42	0	39.78	15.63	23.94	0	285.59	38.03	0	104.92	
31/12/2024 02:05	9.47	0	117.84	15.34	14.02	0	43.34	15.6	23.69	0	294.67	36.84	0	113.41	
31/12/2024 02:10	9.44	0	117.91	15.33	14.24	0	39.54	15.57	23.56	0	294.39	37.16	0	103.2	
31/12/2024 02:15	9.47	0	115.66	15.36	14.62	0	39.16	15.61	23.77	0	289.7	38.38	0	102.81	
31/12/2024 02:20	9.74	0	118.16	15.34	14.32	0	42.44	15.59	24.36	0	295.54	37.52	0	110.75	
31/12/2024 02:25	9.63	0	119.03	15.34	14.37	0	38.84	15.58	24.07	0	297.61	37.57	0	101.5	
31/12/2024 02:30	9.42	0	116.66	15.36	14.74	0	39.79	15.62	23.64	0	292.26	38.8	0	104.7	
31/12/2024 02:35	9.62	0	118.83	15.35	14.33	0	44.93	15.6	24.08	0	297.47	37.62	0	117.65	
31/12/2024 02:40	9.77	0	119.55	15.35	14.21	0	39.69	15.6	24.44	0	299.24	37.24	0	104.01	
31/12/2024 02:45	9.54	0	115.34	15.36	14.44	0	39.69	15.62	23.95	0	289.05	38	0	104.45	
31/12/2024 02:50	9.71	0	117.41	15.35	14.05	0	42.87	15.6	24.32	0	294.01	36.9	0	112.13	
31/12/2024 02:55	9.73	0	117.61	15.35	14.24	0	39.1	15.61	24.39	0	294.64	37.44	0	102.76	
31/12/2024 03:00	9.63	0	114.37	15.37	14.54	0	39.28	15.64	24.24	0	287.01	38.45	0	103.88	
31/12/2024 03:05	9.63	0	117.95	15.35	14.11	0	43.06	15.62	24.1	0	295.23	37.2	0	113.01	
31/12/2024 03:10	9.47	0	119	15.34	14	0	39.92	15.61	23.65	0	297.28	36.75	0	104.81	
31/12/2024 03:15	9.33	0	114.5	15.37	14.26	0	40.71	15.63	23.47	0	287.3	37.64	0	107.47	
31/12/2024 03:20	9.44	0	118.44	15.35	13.96	0	43.99	15.61	23.62	0	296.41	36.71	0	115.19	
31/12/2024 03:25	9.39	0	119.47	15.34	13.84	0	42.12	15.57	23.47	0	298.62	36.08	0	109.77	
31/12/2024 03:30	9.31	0	117.43	15.36	14.34	0	42.01	15.6	23.39	0	294.46	37.6	0	110.18	
31/12/2024 03:35	9.47	0	119.4	15.35	13.99	0	44.94	15.58	23.71	0	298.81	36.56	0	117.01	
31/12/2024 03:40	9.52	0	119.34	15.34	14	0	40.86	15.56	23.79	0	298.31	36.47	0	106.43	
31/12/2024 03:45	9.34	0	115.31	15.36	14.23	0	41.36	15.59	23.48	0	289.27	37.27	0	108.34	
31/12/2024 03:50	9.77	0	119.84	15.34	13.93	0	45.06	15.57	24.44	0	299.82	36.36	0	117.19	
31/12/2024 03:55	9.91	0	120.7	15.34	14.44	0	41.48	15.56	24.76	0	301.71	37.59	0	107.99	
31/12/2024 04:00	9.74	0	116.14	15.36	14.66	0	40.48	15.59	24.47	0	291.24	38.41	0	106.05	
31/12/2024 04:05	9.58	0	119.38	15.34	14.39	0	43.46	15.57	23.94	0	298.4	37.58	0	113.14	
31/12/2024 04:10	10	0	119	15.33	14.26	0	39.72	15.55	24.95	0	296.95	37.08	0	103.25	
31/12/2024 04:15	9.93	0	114.46	15.35	14.81	0	39.91	15.58	24.91	0	286.6	38.7	0	104.32	
31/12/2024 04:20	9.84	0	118.74	15.34	14.52	0	43.22	15.56	24.57	0	296.61	37.86	0	112.25	
31/12/2024 04:25	9.73	0	118.33	15.33	14.52	0	39.08	15.56	24.28	0	295.11	37.77	0	101.68	
31/12/2024 04:30	9.72	0	114.23	15.35	14.65	0	38.95	15.6	24.39	0	286.01	38.39	0	102.06	
31/12/2024 04:35	10.02	0	118.36	15.34	14.44	0	41.73	15.58	25.03	0	295.65	37.73	0	108.7	
31/12/2024 04:40	10.33	0	119.25	15.33	14.67	0	39.59	15.54	25.75	0	297.32	38.05	0	102.66	
31/12/2024 04:45	9.9	0	114.02	15.35	15.07	0	38.98	15.58	24.82	0	285.19	39.33	0	101.76	
31/12/2024 04:50	9.83	0	117.16	15.33	14.88	0	42.81	15.56	24.53	0	292.49	38.79	0	111.47	
31/12/2024 04:55	9.72	0	116.58	15.32	14.45	0	39.14	15.55	24.22	0	290.58	37.51	0	101.62	
31/12/2024 05:00	10.04	0	113.21	15.35	15.1	0	39.59	15.58	25.19	0	283.29	39.44	0	103.37	
31/12/2024 05:05	9.88	0	117.26	15.34	14.85	0	41.96	15.56	24.7	0	293.22	38.69	0	109.03	
31/12/2024 05:10	10	0	116.81	15.34	14.58	0	38.45	15.55	24.99	0	291.9	37.89	0	99.89	
31/12/2024 05:15	9.79	0	114.02	15.35	14.6	0	38.66	15.58	24.54	0	285.34	38.13	0	100.97	
31/12/2024 05:20	10.17	0	118.15	15.34	14.39	0	40.31	15.56	25.42	0	295.35	37.49	0	104.77	
31/12/2024 05:25	10.58	0	118.08	15.33	14.93	0	38.65	15.55	26.41	0	294.81	38.8	0	100.39	
31/12/2024 05:30	10.21	0	112.54	15.36	15.02	0	38.42	15.57	25.62	0	281.81	39.19	0	100.29	
31/12/2024 05:35	9.83	0	116.57	15.33	14.71	0	40.29	15.56	24.54	0	291.1	38.33	0	104.75	
31/12/2024 05:40	10.06	0	116.72	15.33	14.77	0	38.68	15.55	25.12	0	291.42	38.4	0	100.56	
31/12/2024 05:45	9.92	0	113.34	15.34	15.22	0	39.5	15.59	24.85	0	283.3	39.8	0	103.31	
31/12/2024 05:50	9.93	0	116.31	15.33	14.94	0	43.36	15.57	24.76	0	290.19	38.96	0	112.92	
31/12/2024 05:55	10.14	0	116.34	15.32	14.75	0	37.78	15.55	25.28	0	290	38.32	0	98.15	
31/12/2024 06:00	10.05	0	113.32	15.34	15.01	0	37.9	15.58	25.14	0	282.85	39.21	0	99	
31/12/2024 06:05	10.03	0	115.89	15.32	14.59	0	41.01	15.56	24.99	0	288.88	38.02	0	106.47	
31/12/2024 06:10	10.05	0	115.98	15.32	14.94	0	37.52	15.54	25.04	0	289.02	38.76	0	97.32	
31/12/2024 06:15	10.18	0	112.63	15.34	15.11	0	38.15	15.57	25.48	0	281.22	39.39	0	99.45	
31/12/2024 06:20	10.24	0	115.81	15.32	14.79	0	41.45	15.55	25.5	0	288.53	38.46	0	107.4	
31/12/2024 06:25	10.19	0	114.67	15.33	15.13	0	37.72	15.54	25.4	0	285.91	39.25	0	97.83	
31/12/2024 06:30															



Date & Time	Stack1_NO <sub>2</sub>	Stack1_SO <sub>2</sub>	Stack1_CO	Stack1_O <sub>2</sub>	Stack2_NO <sub>2</sub>	Stack2_SO <sub>2</sub>	Stack2_CO	Stack2_O <sub>2</sub>	ck1_NO <sub>x</sub>	ck1_SO <sub>2</sub>	ck1_CO	ck2_NO <sub>x</sub>	ck2_SO <sub>2</sub>	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
31/12/2024 07:30	10.6	0	108.32	15.34	15.98	0	36.58	15.55	26.54	0	270.64	41.52	0	95.03	
31/12/2024 07:35	10.42	0	111.69	15.32	15.62	0	39.5	15.53	25.95	0	278.11	40.46	0	101.98	
31/12/2024 07:40	10.55	0	112.33	15.32	15.41	0	35.35	15.51	26.25	0	279.59	39.72	0	91.11	
31/12/2024 07:45	10.46	0	110.01	15.34	15.8	0	35.49	15.54	26.17	0	274.94	40.99	0	92.09	
31/12/2024 07:50	10.68	0	111.91	15.33	15.48	0	37.29	15.53	26.64	0	279.15	40.08	0	96.31	
31/12/2024 07:55	10.78	0	111.8	15.32	15.57	0	35.6	15.51	26.85	0	278.43	40.14	0	91.76	
31/12/2024 08:00	10.55	0	109.12	15.34	16.07	0	34.78	15.54	26.41	0	272.8	41.7	0	90.25	
31/12/2024 08:05	10.71	0	111.98	15.33	15.91	0	39.27	15.52	26.73	0	279.59	41.15	0	101.15	
31/12/2024 08:10	11.34	0	111.53	15.33	15.5	0	35.54	15.51	28.31	0	278.39	39.96	0	91.59	
31/12/2024 08:15	10.84	0	108.63	15.35	15.84	0	35.48	15.54	27.14	0	271.58	41.09	0	92.05	
31/12/2024 08:20	10.59	0	111.79	15.33	15.42	0	39.02	15.53	26.45	0	279.2	39.92	0	100.63	
31/12/2024 08:25	11.11	0	111.59	15.33	15.38	0	35.75	15.53	27.72	0	278.47	39.79	0	92.49	
31/12/2024 08:30	10.41	0	108.74	15.34	15.34	0	36.63	15.56	26.06	0	271.7	39.95	0	95.37	
31/12/2024 08:35	10.31	0	113	15.33	15.03	0	39.81	15.54	25.74	0	282.1	39.02	0	103	
31/12/2024 08:40	10.42	0	113.34	15.33	15.09	0	36.36	15.51	26	0	282.76	38.95	0	93.84	
31/12/2024 08:45	10.37	0	109.54	15.35	15.56	0	36.43	15.54	26	0	274.07	40.37	0	94.53	
31/12/2024 08:50	9.95	0	114.01	15.34	15.37	0	40.66	15.53	24.86	0	284.8	39.82	0	105.2	
31/12/2024 08:55	10.36	0	114.2	15.33	15.1	0	37.18	15.51	25.84	0	284.82	38.98	0	95.95	
31/12/2024 09:00	10.01	0	111.03	15.34	15.49	0	37.77	15.54	25.07	0	277.51	40.19	0	97.98	
31/12/2024 09:05	10.11	0	114.17	15.34	15.11	0	40.83	15.52	25.27	0	285.42	39.1	0	105.33	
31/12/2024 09:10	10.2	0	113.64	15.34	15.14	0	36.93	15.51	25.5	0	283.97	39.05	0	95.22	
31/12/2024 09:15	10.06	0	110.93	15.35	15.44	0	37.05	15.54	25.23	0	277.66	40.01	0	96.02	
31/12/2024 09:20	9.94	0	114.74	15.33	15.05	0	40.47	15.52	24.82	0	286.37	38.89	0	104.23	
31/12/2024 09:25	10.16	0	114.5	15.32	15.11	0	35.99	15.5	25.32	0	285.4	38.89	0	92.6	
31/12/2024 09:30	10.25	0	110.13	15.35	15.71	0	36.97	15.53	25.69	0	275.52	40.67	0	95.74	
31/12/2024 09:35	10.16	0	113.65	15.33	15.41	0	39.98	15.52	25.36	0	283.6	39.82	0	103.01	
31/12/2024 09:40	10.53	0	114.31	15.32	15.22	0	36.66	15.52	26.25	0	284.93	39.29	0	94.64	
31/12/2024 09:45	10.08	0	110.88	15.35	15.27	0	37.6	15.55	25.26	0	277.46	39.69	0	97.73	
31/12/2024 09:50	9.79	0	114.59	15.34	14.79	0	40.72	15.54	24.47	0	286.45	38.36	0	105.28	
31/12/2024 09:55	10.25	0	114.63	15.33	15.19	0	37.12	15.54	25.6	0	286.27	39.4	0	96.26	
31/12/2024 10:00	10.07	0	110.54	15.36	15.81	0	36.41	15.57	25.28	0	276.93	41.19	0	94.88	
31/12/2024 10:05	10.02	0	115.06	15.35	15.42	0	39.5	15.55	25.06	0	287.93	40.09	0	102.31	
31/12/2024 10:10	10.3	0	115.69	15.34	15.27	0	36.24	15.52	25.76	0	289.41	39.47	0	93.69	
31/12/2024 10:15	10.13	0	110.57	15.36	15.97	0	35.42	15.55	25.42	0	277.08	41.49	0	92.01	
31/12/2024 10:20	10.32	0	111.52	15.35	15.59	0	38.92	15.53	25.85	0	279.22	40.42	0	100.57	
31/12/2024 10:25	10.63	0	111.25	15.35	15.67	0	34.94	15.55	26.6	0	278.55	40.71	0	90.79	
31/12/2024 10:30	10.37	0	108.82	15.37	15.88	0	35.35	15.58	26.1	0	273.32	41.51	0	92.43	
31/12/2024 10:35	10.39	0	111.53	15.36	15.57	0	38.18	15.57	26.08	0	279.82	40.62	0	99.3	
31/12/2024 10:40	11.22	0	112.5	15.36	15.46	0	34.87	15.56	28.15	0	282.31	40.24	0	90.73	
31/12/2024 10:45	10.71	0	108.77	15.38	15.93	0	34.51	15.59	26.97	0	273.52	41.69	0	90.31	
31/12/2024 10:50	10.22	0	111.24	15.36	15.66	0	38.79	15.56	25.65	0	279.08	40.82	0	100.7	
31/12/2024 10:55	10.94	0	111.5	15.36	13.54	0	39.56	15.52	27.45	0	279.88	34.98	0	102.23	
31/12/2024 11:00	10.17	0	108.88	15.37	10	0	49.73	15.53	25.57	0	273.64	25.88	0	128.68	
31/12/2024 11:05	10.18	0	110.27	15.36	9.96	0	51.22	15.52	25.53	0	276.67	25.72	0	132.18	
31/12/2024 11:10	10.44	0	110.94	15.36	8.84	0	49.48	15.52	26.17	0	278.16	22.83	0	127.75	
31/12/2024 11:15	9.98	0	107.09	15.37	9.89	0	44.68	15.58	25.1	0	269.11	25.86	0	116.78	
31/12/2024 11:20	9.96	0	110.03	15.36	10.77	0	44.11	15.57	25.01	0	276.14	28.11	0	114.87	
31/12/2024 11:25	10.69	0	110.53	15.36	14.99	0	34.81	15.54	26.83	0	277.53	38.89	0	90.27	
31/12/2024 11:30	9.72	0	106.8	15.37	15.24	0	35.42	15.56	24.45	0	268.32	39.69	0	92.23	
31/12/2024 11:35	10.21	0	110.1	15.35	15.12	0	36.83	15.55	25.58	0	275.93	39.29	0	95.59	
31/12/2024 11:40	10.75	0	109.8	15.35	16.02	0	33.63	15.56	26.92	0	274.99	41.66	0	87.47	
31/12/2024 11:45	10.57	0	105.64	15.38	15.95	0	33.5	15.6	26.65	0	265.55	41.81	0	87.81	
31/12/2024 11:50	10.57	0	108.85	15.36	15.45	0	36.31	15.58	26.53	0	273.18	40.38	0	94.51	
31/12/2024 11:55	10.91	0	109.64	15.36	16.12	0	33.2	15.57	27.35	0	274.98	42.06	0	86.65	
31/12/2024 12:00	10.82	0	105.49	15.38	16.47	0	33.83	15.61	27.3	0	265.47	43.27	0	88.87	
31/12/2024 12:05	11.04	0	108.84	15.37	16.09	0	36.81	15.59	27.74	0	273.52	42.17	0	96.09	
31/12/2024 12:10	11.14	0	108.69	15.37	16.12	0	33.52	15.58	27.98	0	272.98	42.09	0	87.53	
31/12/2024 12:15	10.95	0	103.56	15.38	16.69	0	32.36	15.6	27.65	0	260.65	43.78	0	84.91	
31/12/2024 12:20	10.82	0	107.47	15.36	16.44	0	35.33	15.58	27.18	0	269.88	43.03	0	92.1	
31/12/2024 12:25	11.39	0	107.47	15.36	16.23	0	32.42	15.58	28.59	0	269.76	42.38	0	84.68	
31/12/2024 12:30	10.8	0	103.38	15.37	16.27	0	32.99	15.62	27.2	0	259.88	42.81	0	86.8	
31/12/2024 12:35	10.58	0	107.77	15.36	15.84	0	36.02	15.6	26.53	0	270.29	41.55	0	94.08	
31/12/2024 12:40	10.58	0	107.53	15.35	16.18	0	32.47	15.6	26.49	0	269.31	42.45	0	85.21	
31/12/2024 12:45	10.66	0	104.31	15.38	16.54	0	32.45	15.64	26.89	0	262.26	43.7	0	85.75	
31/12/2024 12:50	10.34	0	107.78	15.36	16.32	0	33.52	15.63	25.95	0	270.41	43.03	0	88.27	
31/12/2024 12:55	10.91	0	108.13	15.36	16.12	0	32.9	15.59	27.35	0	271.18	42.22	0	86.15	
31/12/2024 13:00	10.33	0	104.95	15.38	16.68	0	33.45	15.61	26.01	0	264.06	43.84	0	87.91	
31/12/2024 13:05	10.21	0	108.55	15.37	16.43	0	35.84	15.59	25.67	0	272.93	43.07	0	93.68	
31/12/2024 13:10	10.31	0	107.94	15.37	16.06	0	33.46	15.56	25.92	0	271.25	41.84	0	87.16	
31/12/2024 13:15	10.01	0	104.32	15.38	16.35	0	33.81	15.58	25.24	0	262.43	42.7	0	88.29	
31/12/2024 13:20	10.09	0	107.91	15.36	15.94	0	36.78	15.56	25.32	0	270.78	41.54	0	95.46	
31/12/2024 13:25	9.83	0	107.92	15.35	16.34	0	31.99	15.55	24.62	0	270.37	42.47	0	83.15	
31/12/2024 13:30	9.9	0	105.41	15.37	16.89	0	32.3	15.57	24.89	0	264.69	44.05	0	84.26	
31/12/2024 13:35	10.19	0	107.87	15.36	16.4	0	36.19	15.55	25.56	0	270.55	42.65	0	93.77	
31/12/2024 13:40	10.42	0	108.23	15.35	15.95	0	33.09	15.55	26.11	0	271.15	41.45	0	86	
31/12/2024 13:45	10.03	0	104.37	15.37	16.35	0	33.15	15.58	25.26	0	262.48	42.7	0	86.55	
31/12/2024 13:50	9.96	0	109.92	15.37	15.87	0	35.9	15.56	25.02	0	276.16	41.36	0	93.25	
31/12/2024 13:55	9.61	0	110.72	15.36	15.58	0	34.14	15.55	24.12	0	277.92				



Date & Time	Stack1_NOx	Stack1_SO2	Stack1_CO	Stack1_O2	Stack2_NOx	Stack2_SO2	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
31/12/2024 15:00	10.23	0	108.25	15.39	15.41	0	33.9	15.83	25.85	0	272.41	42.22	0	92.88	
31/12/2024 15:05	9.77	0	112.08	15.35	15.1	0	37.43	15.78	24.48	0	280.67	41.1	0	101.11	
31/12/2024 15:10	10.3	0	112.14	15.35	15.11	0	34.52	15.69	25.79	0	280.86	40.33	0	92.11	
31/12/2024 15:15	10.1	0	107.75	15.37	15.48	0	34.93	15.72	25.43	0	270.84	41.5	0	93.65	
31/12/2024 15:20	10.03	0	109.57	15.35	15.09	0	36.37	15.69	25.15	0	274.61	40.28	0	96.75	
31/12/2024 15:25	9.61	0	109.34	15.35	15.46	0	32.05	15.7	24.06	0	273.77	41.36	0	85.72	
31/12/2024 15:30	10.01	0	106.04	15.38	16.21	0	30.91	15.76	25.25	0	266.47	43.85	0	83.6	
31/12/2024 15:35	10.29	0	109.98	15.36	15.9	0	33.69	15.73	25.8	0	275.89	42.82	0	90.16	
31/12/2024 15:40	10.8	0	110.25	15.36	15.58	0	32.68	15.68	27.1	0	276.74	41.55	0	87.11	
31/12/2024 15:45	10.65	0	106.41	15.39	15.87	0	33.21	15.72	26.93	0	267.92	42.58	0	89.11	
31/12/2024 15:50	10.26	0	110.94	15.36	15.59	0	35.58	15.69	25.75	0	278.49	41.64	0	94.59	
31/12/2024 15:55	10.58	0	110.75	15.35	15.08	0	35.42	15.7	26.5	0	277.45	40.3	0	94.64	
31/12/2024 16:00	10.08	0	108.66	15.37	15.44	0	35.41	15.71	25.39	0	273.3	41.36	0	94.85	
31/12/2024 16:05	9.91	0	112.51	15.37	15.14	0	38.58	15.68	24.9	0	282.59	40.35	0	102.31	
31/12/2024 16:10	10.36	0	112.33	15.37	15.37	0	33.56	15.72	26.02	0	282.12	41.25	0	90	
31/12/2024 16:15	10	0	108.31	15.4	15.65	0	32.9	15.8	25.31	0	272.99	42.63	0	89.64	
31/12/2024 16:20	9.92	0	111.96	15.36	15.32	0	36.05	15.75	24.91	0	281.16	41.42	0	96.8	
31/12/2024 16:25	9.86	0	111.56	15.35	15.35	0	33.35	15.73	24.71	0	279.64	41.26	0	89.63	
31/12/2024 16:30	9.54	0	108.35	15.38	15.47	0	32.93	15.85	24.12	0	272.42	42.63	0	90.72	
31/12/2024 16:35	10.09	0	111.67	15.36	15.13	0	36.48	15.81	25.3	0	280.07	41.4	0	98.9	
31/12/2024 16:40	9.94	0	110.42	15.35	15.18	0	33.18	15.72	24.87	0	276.32	40.75	0	89.06	
31/12/2024 16:45	10.19	0	107.81	15.38	15.51	0	32.76	15.81	25.72	0	270.93	42.35	0	89.49	
31/12/2024 16:50	9.88	0	111.73	15.35	15.23	0	36.06	15.77	24.75	0	280.03	41.31	0	97.05	
31/12/2024 16:55	10.47	0	112.34	15.35	15.26	0	33.41	15.74	26.23	0	281.44	41.09	0	89.93	
31/12/2024 17:00	10.35	0	108.84	15.36	15.52	0	32.49	15.82	26.01	0	272.99	42.49	0	88.92	
31/12/2024 17:05	11.3	0	103.19	15.3	15.34	0	34.59	15.78	28.02	0	255.93	41.7	0	93.44	
31/12/2024 17:10	12	0	102.41	15.29	15.46	0	32.46	15.68	29.75	0	253.9	41.16	0	86.43	
31/12/2024 17:15	11.73	0	98.67	15.32	15.84	0	33.06	15.72	29.25	0	245.53	42.5	0	88.7	
31/12/2024 17:20	11.63	0	103.71	15.3	15.65	0	34.06	15.69	28.86	0	257.44	41.78	0	90.77	
31/12/2024 17:25	11.53	0	103.86	15.3	15.57	0	33.54	15.65	28.62	0	257.79	41.2	0	88.75	
31/12/2024 17:30	10.63	0	102.89	15.36	16.04	0	33.31	15.68	26.72	0	257.96	42.68	0	88.66	
31/12/2024 17:35	10.13	0	110.41	15.35	15.57	0	36.95	15.65	25.39	0	276.77	41.26	0	97.32	
31/12/2024 17:40	10	0	110.67	15.35	15.74	0	32.96	15.64	25.04	0	277.1	41.6	0	87.11	
31/12/2024 17:45	9.88	0	107.14	15.38	15.96	0	32.95	15.72	24.9	0	269.15	42.86	0	88.51	
31/12/2024 17:50	10.45	0	110.49	15.36	15.71	0	36.23	15.7	26.25	0	277.43	42	0	96.29	
31/12/2024 17:55	11.08	0	110.38	15.36	15.7	0	33.14	15.68	27.78	0	276.82	41.85	0	88.31	
31/12/2024 18:00	10.36	0	106.14	15.39	15.94	0	32.67	15.79	26.24	0	267.38	43.39	0	88.93	
31/12/2024 18:05	10.3	0	110.77	15.36	15.49	0	35.81	15.77	25.88	0	278.16	42.01	0	96.44	
31/12/2024 18:10	10	0	110.58	15.36	15.39	0	34.11	15.75	25.1	0	277.57	41.6	0	92.13	
31/12/2024 18:15	10.39	0	107.31	15.38	16.07	0	36.16	15.51	26.17	0	269.95	41.44	0	93.25	
31/12/2024 18:20	10	0	110.99	15.36	15.74	0	39.18	15.51	25.1	0	278.59	40.59	0	100.96	
31/12/2024 18:25	9.64	0	111.53	15.35	15.38	0	35.19	15.52	24.16	0	279.49	39.75	0	90.94	
31/12/2024 18:30	10.34	0	107.62	15.38	15.87	0	35.61	15.56	26.06	0	270.68	41.3	0	92.7	
31/12/2024 18:35	10.21	0	110.37	15.36	15.42	0	38.51	15.55	25.61	0	276.93	40.05	0	99.72	
31/12/2024 18:40	9.78	0	110.61	15.35	15.29	0	35.37	15.53	24.5	0	277.1	39.57	0	91.55	
31/12/2024 18:45	10.21	0	107.52	15.37	15.62	0	35.78	15.57	25.7	0	270.23	40.73	0	93.28	
31/12/2024 18:50	10.18	0	110.93	15.37	15.26	0	39.17	15.55	25.56	0	278.58	39.69	0	101.57	
31/12/2024 18:55	10.27	0	110.09	15.36	15.36	0	35.02	15.53	25.77	0	276.35	39.74	0	90.58	
31/12/2024 19:00	9.86	0	107.41	15.37	15.68	0	35.72	15.56	24.82	0	269.99	40.83	0	93.03	
31/12/2024 19:05	10.46	0	109.99	15.37	15.49	0	38.86	15.55	26.28	0	276.26	40.25	0	100.69	
31/12/2024 19:10	11.5	0	109.41	15.37	15.53	0	34.48	15.53	28.9	0	274.94	40.2	0	89.27	
31/12/2024 19:15	10.74	0	105.47	15.38	15.94	0	34.66	15.56	27.05	0	265.45	41.5	0	90.22	
31/12/2024 19:20	10.35	0	109.49	15.36	15.63	0	35.48	15.55	25.98	0	274.82	40.62	0	92.14	
31/12/2024 19:25	10.8	0	109.13	15.36	15.69	0	33.98	15.52	27.09	0	273.84	40.54	0	87.78	
31/12/2024 19:30	10.65	0	105.21	15.38	15.97	0	34.42	15.55	26.84	0	264.62	41.48	0	89.39	
31/12/2024 19:35	10.36	0	109.26	15.36	15.77	0	35.56	15.54	26.01	0	274.31	40.89	0	92.09	
31/12/2024 19:40	10.91	0	109.5	15.35	15.72	0	34.62	15.52	27.34	0	274.48	40.58	0	89.38	
31/12/2024 19:45	10.62	0	105.51	15.37	16.02	0	34.9	15.55	26.71	0	265	41.61	0	90.68	
31/12/2024 19:50	10.5	0	110.28	15.35	15.42	0	38.46	15.53	26.3	0	276.29	39.97	0	99.25	
31/12/2024 19:55	9.92	0	109.53	15.34	15.6	0	34.96	15.51	24.82	0	274.01	40.22	0	90.1	
31/12/2024 20:00	10.27	0	105.92	15.36	15.84	0	34.99	15.54	25.79	0	265.77	41.05	0	90.68	
31/12/2024 20:05	10.37	0	110.43	15.35	15.32	0	38.13	15.52	25.98	0	276.55	39.61	0	98.27	
31/12/2024 20:10	9.48	0	109.52	15.33	15.69	0	35.07	15.51	23.69	0	273.51	40.45	0	90.42	
31/12/2024 20:15	10.14	0	106.97	15.36	16.03	0	35.16	15.53	25.45	0	267.99	41.53	0	91.08	
31/12/2024 20:20	10.52	0	110.24	15.35	15.57	0	38.08	15.52	26.36	0	276.18	40.24	0	98.13	
31/12/2024 20:25	10.64	0	109.34	15.35	15.54	0	35.24	15.5	26.63	0	273.7	40.03	0	90.76	
31/12/2024 20:30	10.39	0	105.64	15.36	15.92	0	34.52	15.53	26.1	0	265.15	41.21	0	89.37	
31/12/2024 20:35	10.42	0	110.47	15.35	15.58	0	37.58	15.52	26.09	0	276.61	40.25	0	96.79	
31/12/2024 20:40	10.55	0	110.83	15.34	15.62	0	35.18	15.49	26.37	0	277.1	40.12	0	90.35	
31/12/2024 20:45	10.5	0	106.99	15.35	15.88	0	35.48	15.51	26.33	0	267.81	40.93	0	91.44	
31/12/2024 20:50	10.32	0	110.62	15.34	15.54	0	37.99	15.49	25.8	0	276.46	39.98	0	97.51	
31/12/2024 20:55	10.41	0	111.19	15.33	15.6	0	35.86	15.5	25.99	0	277.69	40.13	0	92.25	
31/12/2024 21:00	10.29	0	106.93	15.36	16.03	0	35.67	15.53	25.85	0	268.02	41.47	0	92.26	
31/12/2024 21:05	10.44	0	110.34	15.35	15.8	0	39.53	15.52	26.14	0	276.45	40.8	0	101.98	
31/12/2024 21:10	10.53	0	110.3	15.35	15.43	0	35.24	15.5	26.36	0	276.08	39.75	0	90.75	
31/12/2024 21:15	10.43	0	105.81	15.36	15.77	0	35.41	15.53	26.18	0	265.38	40.81	0	91.67	
31/12/2024 21:20	10.18	0	110.65	15.34	15.55	0	38.43	15.52	25.47	0	276.81	40.18	0	99.01	
31/12/2024 21:25	10.72	0	109.02	15.34	15.53	0	35.52	15.5	26.81	0	272.72	39.97	0	91.4	
31/12/2024 21:30	10.27														



Date & Time	Stack1_NO	Stack1_SO	Stack1_CO	Stack1_O2	Stack2_NO	Stack2_SO	Stack2_CO	Stack2_O2	ck1_NOx	ck1_SO2	ck1_CO	ck2_NOx	ck2_SO2	ck2_CO	7%
	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	%Vol	ppm	ppm	ppm	ppm	ppm	ppm	
31/12/2024 22:30	9.92	0	108.99	15.35	15.67	0	37.11	15.51	24.87	0	272.74	40.45	0	95.78	
31/12/2024 22:35	10.2	0	112.36	15.34	15.27	0	40.84	15.5	25.51	0	281.01	39.34	0	104.9	
31/12/2024 22:40	10.72	0	111.36	15.34	15.23	0	37.27	15.49	26.78	0	278.27	39.1	0	95.69	
31/12/2024 22:45	10.17	0	109.73	15.35	15.6	0	36.86	15.51	25.49	0	274.7	40.25	0	95.09	
31/12/2024 22:50	10.48	0	111.2	15.35	15.27	0	39.94	15.5	26.22	0	278.3	39.31	0	102.6	
31/12/2024 22:55	10.86	0	111.22	15.34	15.42	0	36.94	15.48	27.16	0	278.16	39.57	0	94.78	
31/12/2024 23:00	10.55	0	108.33	15.35	15.61	0	37.05	15.51	26.45	0	271.32	40.26	0	95.57	
31/12/2024 23:05	10.23	0	112.06	15.35	15.24	0	40.91	15.5	25.62	0	280.49	39.27	0	105.34	
31/12/2024 23:10	9.13	0	111.53	15.34	15.33	0	36.37	15.49	22.8	0	278.62	39.36	0	93.36	
31/12/2024 23:15	9.96	0	108.64	15.36	15.72	0	37.36	15.52	25	0	272.19	40.65	0	96.59	
31/12/2024 23:20	10.29	0	111.98	15.34	15.32	0	40.59	15.51	25.76	0	280.2	39.54	0	104.46	
31/12/2024 23:25	10.3	0	111.33	15.34	15.16	0	37.26	15.48	25.75	0	278.35	38.9	0	95.61	
31/12/2024 23:30	10.23	0	108.56	15.35	15.62	0	38.95	15.51	25.66	0	271.89	40.27	0	100.45	
31/12/2024 23:35	9.91	0	112.08	15.34	15.31	0	41.51	15.5	24.76	0	280.01	39.42	0	106.65	
31/12/2024 23:40	9.7	0	112.25	15.33	14.95	0	37.92	15.48	24.2	0	279.95	38.33	0	97.24	
31/12/2024 23:45	9.94	0	109.33	15.35	15.95	0	38.02	15.5	24.9	0	273.39	41.08	0	97.93	
31/12/2024 23:50	10.08	0	112.11	15.33	15.73	0	41.19	15.49	25.18	0	279.98	40.45	0	105.63	
31/12/2024 23:55	10.48	0	111.89	15.32	15.11	0	37.32	15.46	26.13	0	278.9	38.63	0	95.44	
Minimum	4.16	0	0.16	15.1	5.54	0	0.33	15.33	0	0	0	0	0	0	
MinDate	12/2024 08:12	2/2024 00:12	2/2024 17:12	2/2024 12:12	2/2024 08:12	2/2024 00:12	2/2024 17:12	2/2024 17:12	2/2024 15:12	2/2024 00:12	2/2024 15:12	2/2024 15:12	2/2024 00:12	2/2024 15:10	
Maximum	21.77	9.5	265.58	21.33	25.46	115.48	265.53	21.38	76.64	24.8	742.26	1273.44	1196.71	771.64	
MaxDate	12/2024 04:12	2/2024 07:12	2/2024 07:12	2/2024 16:12	2/2024 01:12	2/2024 10:12	2/2024 09:12	2/2024 15:12	2/2024 16:12	2/2024 07:12	2/2024 14:12	2/2024 17:12	2/2024 15:12	2/2024 10:15	
Avg	10.68	0.04	102.36	15.36	13.83	0.2	45.14	15.88	26.7	0.1	256.64	39.37	0.72	125.11	
Num	7658	7658	7658	7658	7658	7658	7658	7658	7658	7658	7658	7658	7658	7658	
Data[%]	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
STD	1.1	0.4	17.2	0.4	2.5	3.2	28.2	0.7	3.4	1.1	51.2	29.7	16.6	85	





## ภาคผนวกที่ ๑

แผนการบำรุงรักษาป้องกันอุปกรณ์ (CEMs)



[illegible]



**แผนที่ 1 แผนบำรุงรักษาป้องกันอุปกรณ์**  
**CEMs**



**แผนปฏิบัติการด้านสิ่งแวดล้อม ประจำปี 2567**  
**โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น**  
**บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด**

<b>ชื่อแผน 1.</b>	แผนการบำรุงรักษาป้องกัน (Preventive Maintenance) อุปกรณ์ Continuous Emission Monitoring System (CEMs) ของโรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด
<b>วัตถุประสงค์</b>	เพื่อเฝ้าระวังและควบคุมปริมาณของ Sulfur dioxide, Carbon monoxide, Oxides of Nitrogen และ ฝุ่นละออง ที่ปล่อยออกจากปล่องไอเสียของหม้อไอน้ำ ให้มีค่าอยู่ใน เกณฑ์ตามที่กฎหมายกำหนด โดยตรวจสอบอุปกรณ์ในระบบให้มีความสมบูรณ์ ถูกต้องและเที่ยงตรง
<b>เป้าหมาย</b>	<ol style="list-style-type: none"><li>1. มีแผนการบำรุงรักษาและสอบเทียบอุปกรณ์วัด ตามแผนที่กำหนด</li><li>2. มีรายงานผลการบำรุงรักษาอุปกรณ์วัด ตามแผนที่กำหนด</li><li>3. เพื่อให้การรายงานผลตรวจวัดคุณภาพอากาศรายวัน มีความถูกต้อง เที่ยงตรงและเชื่อถือได้</li></ol>
<b>ผู้รับผิดชอบ</b>	<ol style="list-style-type: none"><li>1. หมวดเดินเครื่อง โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น มีหน้าที่เฝ้าระวัง และ ตรวจสอบผลการตรวจวัดคุณภาพอากาศ ให้มีค่าอยู่ในเกณฑ์ตามที่กฎหมายกำหนด</li><li>2. หมวดวางแผนการผลิตและบำรุงรักษา โครงการเดินเครื่องและบำรุงรักษา มีหน้าที่เฝ้าระวังและดูแลบำรุงรักษาอุปกรณ์ในระบบให้มีความสมบูรณ์ถูกต้อง และเที่ยงตรง</li></ol>
<b>แผนการดำเนินการ</b>	<ol style="list-style-type: none"><li>1. ตรวจสอบและสอบเทียบ Gas Analyzer ทุก 1 เดือน</li><li>2. ตรวจสอบสภาพอุปกรณ์ต่างๆในระบบ CEMs อื่นๆ เมื่อดำเนินการปฏิบัติงานตามแผนดำเนินการที่ 1 เช่น<ol style="list-style-type: none"><li>2.1 NO<sub>2</sub> – NO Converter System</li><li>2.2 Sampling Flow Gas Cooler System</li><li>2.3 Sample Gas Feed Unit</li><li>2.4 Opacity Monitor System</li></ol></li></ol>



ระยะเวลาดำเนินการ 1 มกราคม 2567 ถึง 31 ธันวาคม 2567

งบประมาณที่ใช้ งบทำการ คกบพ.

เอกสารประกอบการดำเนินการ

- 1.แผนการดำเนินการ
- 2.แบบฟอร์มการ Calibrate Gas Analyzer

อนุมัติ

พิพัฒน์พงษ์

(วศ. พิพัฒน์พงษ์ ดินเดิม)

มบส-บพ.

วันที่ 3 มกราคม 2567



ชชค.	INSPECTION SHEET		Date : 29 / 1 / 67 To 29 / 1 / 67 Page : 1/1
	Plant Name : บริษัทผลิตไฟฟ้าและน้ำเย็น จำกัด		Work Order No.
Department : กปนผ.	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRS1 , HRS2
Section : มวท-บผ.	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 30 / 1 / 67	Capacity .....97..... MW.		[ ] CI [ ] WI [ / ] ...PM...

Continuous Emission Monitoring System (CEMS)




ANALYZER UNIT SPECIFICATION		ก๊าซเรือนกระจก (SPAN GAS)	
MANUFACTURER : ABB		CERTIFICATE OF ANALYSIS	
MODEL : ADVANCE OPTIMA URAS 26 WITH O <sub>2</sub> SENSOR			
COMPONENT RANGE	CO : 0-250 PPM	Customer Name	Airgas Specialty Gases
Switching Time	SO <sub>2</sub> : 0-250 PPM	Customer PO Number	5222005392 Part No. E04NI99E15A55K9
15 Mins	NO <sub>x</sub> : 0-250 PPM	Reference Number	160-402566800-1 Cylinder No. CC758897
	O <sub>2</sub> : 0-25 % VOL	Certification Date	26/10/2022
		Expiry Date	26/10/2030
COMPONENT	REQUESTED	REPORTED	
CO	200 PPM	200.5 PPM	
SO <sub>2</sub>	200 PPM	199.3 PPM	
NO <sub>x</sub>	200 PPM	198.7 PPM	
O <sub>2</sub> (%)	21%	21.37%	
		Start Span Gas Licence	2/2/2023
		Start Purchase Order	2/2/2024

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION										
COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		ค่ามาตรฐานประเภท โรงไฟฟ้า (PPM)	ค่ามาตรฐาน ตาม EIA (PPM)	COMPONENT @7%O2			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	144.40	150.10	42.40	47.80	690 (ทั่วไป)	-	151.32	157.30	44.42	50.10
SO <sub>2</sub> ( PPM )	-10.80	-13.10	-18.10	-20.30	20	10	-	-	-	-
NO <sub>x</sub> ( PPM )	13.10	10.50	8.60	6.80	120	60	13.73	11.01	9.01	7.13
O <sub>2</sub> ( % )	15.85	15.86	15.78	15.89	-	-	-	-	-	-

COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	200.5	-1.40	195.30	1.90	-0.10	200.60	0.10	+/-1% of Span	198.49	to	202.50
SO <sub>2</sub> ( PPM )	0.00	199.3	-4.90	175.50	9.48	0.10	199.30	0.05	+/-1% of Span	197.30	to	201.29
NO <sub>x</sub> ( PPM )	0.00	198.7	-1.00	189.60	4.08	-0.10	198.50	0.05	+/-1% of Span	196.71	to	200.68
O <sub>2</sub> (%)	0.00	21.37	-0.01	21.19	0.80	0.00	21.37	0.00	+/-1% of Span	21.16	to	21.58

ปริมาณการใช้ Standard Gas Pressure (PSI)												
STANDARD GAS		BEFOR		AFTER		REMARK						
ZERO GAS		850	PSI	750	PSI	ปริมาณการใช้ 100 Psi						
SPAN GAS		600	PSI	450	PSI	ปริมาณการใช้ก๊าซเรือนกระจก 150 Psi						

Note : 1. ค่ามาตรฐานตาม EIA (PPM) Corrected @ 7% O<sub>2</sub>  
2. Calibration โดยเลือก Sampling จาก HRS1 Stack 2

TESTED BY : 	APPROVED BY : 	INSPECTED BY : 
( นายวิศิษฐ์ สินธุ์เจริญ )	( นางสาวพัชรา สันติธรรม )	( เวศกรณัฐปวีร์ ไกรพงษ์ )
Date : 30 / 1 / 67	Date : 30 / 1 / 67	Date : 30 / 1 / 67
ชชค.	รหัสเอกสาร FM-xxx / ExxSxxx	แก้ไขครั้งที่ 01



ชชค.	INSPECTION SHEET		Date : 29 / 2 / 67 To 29 / 2 / 67 Page : 1/1
	Plant Name : บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด		Work Order No. -
Department : กกนพ.	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRSG1 , HRSG2
Section : มวท-นพ.	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 4 / 3 / 67	Capacity .....97..... MW.		[ ] CI [ ] WI [ / ]...PM...

Continuous Emission Monitoring System (CEMS)

ANALYZER UNIT SPECIFICATION		อุปกรณ์ก๊าซ (SPAN GAS)	
MANUFACTURER : ABB		CERTIFICATE OF ANALYSIS	
MODEL : ADVANCE OPTIMA URAS 26 WITH O <sub>2</sub> SENSOR			
COMPONENT RANGE	CO : 0-250 PPM	Customer Name	Airgas Specialty Gases
Switching Time	SO <sub>2</sub> : 0-250 PPM	Customer PO Number	5222005392
15 Mins	NO <sub>x</sub> : 0-250 PPM	Part No.	E04NI99E15A55K9
	O <sub>2</sub> : 0-25 % VOL	Reference Number	160-402566800-1
		Cylinder No.	CC758897
		Certification Date	26/10/2022
		Expiry Date	26/10/2030
		Start Span Gas Licence	2/2/2023
		Start Purchase Order	2/2/2024

COMPONENT	REQUESTED	REPORTED
CO	200 PPM	200.5 PPM
SO <sub>2</sub>	200 PPM	199.3 PPM
NO <sub>x</sub>	200 PPM	198.7 PPM
O <sub>2</sub> (%)	21%	21.37%

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION

COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		ค่ามาตรฐานประเภท โรงไฟฟ้า (PPM)	ค่ามาตรฐาน ตาม EIA (PPM)	COMPONENT @7%O <sub>2</sub>			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	128.40	129.80	19.60	18.80	690 (ทั่วไป)	-	134.74	136.01	20.56	19.70
SO <sub>2</sub> ( PPM )	-15.70	-10.90	-23.10	-13.20	20	10	-	-	-	-
NO <sub>x</sub> ( PPM )	11.20	8.90	3.80	8.90	120	60	11.76	9.33	3.99	9.33
O <sub>2</sub> ( % )	16.11	15.84	16.04	15.85	-	-	-	-	-	-




CEMS CALIBRATION

COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	200.5	-3.70	198.30	0.75	0.10	200.60	0.00	+/-1% of Span	198.49	to	202.50
SO <sub>2</sub> ( PPM )	0.00	199.3	-4.70	176.40	9.13	0.00	199.40	0.05	+/-1% of Span	197.30	to	201.29
NO <sub>x</sub> ( PPM )	0.00	198.7	-2.00	190.40	3.17	-0.10	198.60	0.00	+/-1% of Span	196.71	to	200.68
O <sub>2</sub> ( % )	0.00	21.37	-0.01	21.58	1.03	0.00	21.37	0.00	+/-1% of Span	21.16	to	21.58

ปริมาณการใช้ Standard Gas Pressure (PSI)

STANDARD GAS	BEFOR		AFTER		REMARK
ZERO GAS	750	PSI	650	PSI	ปริมาณการใช้ 100 Psi
SPAN GAS	450	PSI	300	PSI	ปริมาณการใช้อุปกรณ์ 150 Psi

Note : 1. ค่ามาตรฐานตาม EIA (PPM) Corrected @ 7% O<sub>2</sub>  
2. Calibration โดยเลือก Sampling จาก HRSG Stack 2

TESTED BY : 	APPROVED BY : 	INSPECTED BY : 
( นายวิเศษ อินทร์เจริญ )	( นายณัฐนันท์ แสงอนันต์ )	( วิศวกรผู้ปฎิบัติ วิศวกร )
Date : 4 / 3 / 67	Date : 4 / 3 / 67	Date : 4 / 3 / 67
ชชค.	รหัสเอกสาร FM-xxx / ExcSxxx	แก้ไขครั้งที่ 01



ชชชค.	INSPECTION SHEET		Date : 29 / 4 / 67 To 29 / 4 / 67 Page : 1/1
	Plant Name : บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด		Work Order No. -
Department : กอญ.	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRSG1 , HRSG2
Section : มห-บผ.	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 30 / 4 / 67	Capacity .....97..... MW.		[ ] CI [ ] WI [ / ] ...PM...

Continuous Emission Monitoring System (CEMS)

ANALYZER UNIT SPECIFICATION

MANUFACTURER : ABB

MODEL : ADVANCE OPTIMA URAS 26 WITH O<sub>2</sub> SENSOR

COMPONENT RANGE	CO : 0-250 PPM
Switching Time	SO <sub>2</sub> : 0-250 PPM
15 Mins	NO <sub>x</sub> : 0-250 PPM
	O <sub>2</sub> : 0-25 % VOL

COMPONENT	REQUESTED	REPORTED
CO	200 PPM	200.5 PPM
SO <sub>2</sub>	200 PPM	199.3 PPM
NO <sub>x</sub>	200 PPM	198.7 PPM
O <sub>2</sub> ( % )	21%	21.37%

ก๊าซ (SPAN GAS)

CERTIFICATE OF ANALYSIS

Customer Name	Airgas Specialty Gases		
Customer PO Number	5222005392	Part No.	E04NI99E15A55K9
Reference Number	160-402566800-1	Cylinder No.	CC758897
Certification Date	26/10/2022		
Expiry Date	26/10/2030		

Start Span Gas Licence	2/2/2023
Start Purchase Order	2/2/2024

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION

COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		ค่ามาตรฐานประเภท โรงไฟฟ้า (PPM)	ค่ามาตรฐาน ตาม EIA (PPM)	COMPONENT @7% O2			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	114.60	114.60	28.50	28.50	690 (ทั่วไป)	-	120.26	120.26	29.91	29.91
SO <sub>2</sub> ( PPM )	3.80	3.80	-0.50	-0.50	20	10	-	-	-	-
NO <sub>x</sub> ( PPM )	17.70	17.70	14.40	14.40	120	60	18.58	18.58	15.12	15.12
O <sub>2</sub> ( % )	16.10	16.10	16.10	16.10	-	-	-	-	-	-

CEMS CALIBRATION




COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	200.5	-	-	-	-	-	-	+/-1% of Span	198.49	to	202.50
SO <sub>2</sub> ( PPM )	0.00	199.3	-	-	-	-	-	-	+/-1% of Span	197.30	to	201.29
NO <sub>x</sub> ( PPM )	0.00	198.7	-	-	-	-	-	-	+/-1% of Span	196.71	to	200.68
O <sub>2</sub> ( % )	0.00	21.37	-	-	-	-	-	-	+/-1% of Span	21.16	to	21.58

ปริมาณการใช้ Standard Gas Pressure (PSI)

STANDARD GAS	BEFOR		AFTER		REMARK		
ZERO GAS	550	PSI	550	PSI	ปริมาณการใช้	-	Psi
SPAN GAS	150	PSI	150	PSI	ปริมาณการใช้ก๊าซ	-	Psi

Note : 1. ค่ามาตรฐานตาม EIA (PPM) Corrected @ 7% O<sub>2</sub>  
2. Calibration โดยเลือก Sampling จาก HRSG Stack 2

ไม่ได้ Calibrate เนื่องจาก Pressure Span Gas น้อยเกินไปตามที่บริษัท Pico recommend

TESTED BY : 	APPROVED BY : 	INSPECTED BY : 
( นายวิศิษฐ์ อินทร์เจริญ )	( นายณัฐนันท์ แสงอนันต์ )	( วศ.เศรษฐ์ปวีร์ ไกรพงษ์ )
Date : 30 / 4 / 67	Date : 30 / 4 / 67	Date : 30 / 4 / 67
ชชชค.	รหัสเอกสาร FM-xxx / ExxSxxx	แก้ไขครั้งที่ 01



ชชค.	INSPECTION SHEET		Date : 29 / 5 / 67 To 29 / 5 / 67 Page : 1/1
	Plant Name : บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด		Work Order No. -
Department : ศกบพ.	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRSG1 , HRSG2
Section : โรงหม-บพ.	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 30 / 5 / 67	Capacity .....97..... MW.		[ ] CI [ ] WI [ / ] ...PM...

Continuous Emission Monitoring System (CEMS)

ANALYZER UNIT SPECIFICATION

MANUFACTURER : ABB

MODEL : ADVANCE OPTIMA URAS 26 WITH O<sub>2</sub> SENSOR

COMPONENT RANGE	CO : 0-250 PPM
Switching Time	SO <sub>2</sub> : 0-250 PPM
15 Mins	NO <sub>X</sub> : 0-250 PPM
	O <sub>2</sub> : 0-25 % VOL

COMPONENT	REQUESTED		REPORTED	
CO	200	PPM	200.5	PPM
SO <sub>2</sub>	200	PPM	199.3	PPM
NO <sub>x</sub>	200	PPM	198.7	PPM
O <sub>2</sub> ( % )	21%		21.37%	

อุปกรณ์ (SPAN GAS)

CERTIFICATE OF ANALYSIS

Customer Name	Airgas Specialty Gases		
Customer PO Number	5222005392	Part No.	E04NI99E15A55K9
Reference Number	160-402566800-1	Cylinder No.	CC758897
Certification Date	26/10/2022		
Expiry Date	26/10/2030		

Start Span Gas Licence	2/2/2023		
Start Purchase Order		2/2/2024	

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION										
COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		ค่ามาตรฐานประเภทโรงไฟฟ้า (PPM)	ค่ามาตรฐานตาม EIA (PPM)	COMPONENT @7%O2			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	126.80	126.80	32.70	32.70	690 (ทั่วไป)	-	132.44	132.44	34.13	34.13
SO <sub>2</sub> ( PPM )	6.10	6.10	1.20	1.20	20	10	-	-	-	-
NO <sub>x</sub> ( PPM )	14.40	14.40	11.70	11.70	120	60	15.05	15.05	12.22	12.22
O <sub>2</sub> ( % )	15.24	15.24	15.13	15.13	-	-	-	-	-	-

CEMS CALIBRATION												
COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	200.5	-	-	-	-	-	-	+/-1% of Span	198.49	to	202.50
SO <sub>2</sub> ( PPM )	0.00	199.3	-	-	-	-	-	-	+/-1% of Span	197.30	to	201.29
NO <sub>X</sub> ( PPM )	0.00	198.7	-	-	-	-	-	-	+/-1% of Span	196.71	to	200.68
O <sub>2</sub> ( % )	0.00	21.37	-	-	-	-	-	-	+/-1% of Span	21.16	to	21.58




ปริมาณการใช้ Standard Gas Pressure (PSI)												
STANDARD GAS		BEFOR		AFTER		REMARK						
ZERO GAS		550	PSI	550	PSI	ปริมาณการใช้ - Psi						
SPAN GAS		150	PSI	150	PSI	ปริมาณการใช้สุทธิ - Psi						

Note :

1. ค่ามาตรฐานตาม EIA (PPM) Corrected @ 7% O<sub>2</sub>

2. Calibration โดยเลือก Sampling จาก HRSG Stack 2

ไม่ได้ Calibrate เนื่องจาก Pressure Span Gas น้อยเกินไปตามที่บริษัท Pico recommend

TESTED BY : 	APPROVED BY : 	INSPECTED BY : 
( นายวิศิษฐ์ สันธิเจริญ )	( นายพชรนันท์ แสงอนันต์ )	( วศ.เศรษฐ์ปวีร์ ไกรหงษ์ )
Date : 30 / 5 / 67	Date : 30 / 5 / 67	Date : 30 / 5 / 67
ชชค.	รหัสเอกสาร FM-xxx / ExxSxxx	แก้ไขครั้งที่ 01



ชชค.	INSPECTION SHEET		Date : 26 / 6 / 67 To 26 / 6 / 67 Page : 1/1
	Plant Name : บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด		Work Order No. -
Department : ชคค.	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRSG1 , HRSG2
Section : 1704-1/ค.	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 28 / 6 / 67	Capacity .....97..... MW.		[ ] CI [ ] WI [ / ] ...PM...

Continuous Emission Monitoring System (CEMS)

ANALYZER UNIT SPECIFICATION

MANUFACTURER : ABB

MODEL : ADVANCE OPTIMA URAS 26 WITH O<sub>2</sub> SENSOR

COMPONENT RANGE	CO : 0-250 PPM
Switching Time	SO <sub>2</sub> : 0-250 PPM
15 Mins	NO <sub>x</sub> : 0-250 PPM
	O <sub>2</sub> : 0-25 % VOL

COMPONENT	REQUESTED	REPORTED
CO	200 PPM	200.5 PPM
SO <sub>2</sub>	200 PPM	199.3 PPM
NO <sub>x</sub>	200 PPM	198.7 PPM
O <sub>2</sub> ( % )	21%	21.37%

อุปกรณ์ (SPAN GAS)

CERTIFICATE OF ANALYSIS

Customer Name	Airgas Specialty Gases		
Customer PO Number	5222005392	Part No.	E04NI99E15A55K9
Reference Number	160-402566800-1	Cylinder No.	CC758897
Certification Date	26/10/2022		
Expiry Date	26/10/2030		

Start Span Gas Licence	2/2/2023
Start Purchase Order	2/2/2024

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION

COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		ค่ามาตรฐานประเภทโรงไฟฟ้า (PPM)	ค่ามาตรฐานตาม EIA (PPM)	COMPONENT @7%O2			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	-	-	17.00	17.00	690 (ทั่วไป)	-	-	-	17.72	17.72
SO <sub>2</sub> ( PPM )	-	-	0.90	0.90	20	10	-	-	-	-
NO <sub>x</sub> ( PPM )	-	-	17.40	17.40	120	60	-	-	18.14	18.14
O <sub>2</sub> ( % )	-	-	14.86	14.86	-	-	-	-	-	-

CEMS CALIBRATION

COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	200.5	-	-	-	-	-	-	+/-1% of Span	198.49	to	202.50
SO <sub>2</sub> ( PPM )	0.00	199.3	-	-	-	-	-	-	+/-1% of Span	197.30	to	201.29
NO <sub>x</sub> ( PPM )	0.00	198.7	-	-	-	-	-	-	+/-1% of Span	196.71	to	200.68
O <sub>2</sub> ( % )	0.00	21.37	-	-	-	-	-	-	+/-1% of Span	21.16	to	21.58

ปริมาณการใช้ Standard Gas Pressure (PSI)




STANDARD GAS	BEFOR		AFTER		REMARK
ZERO GAS	550	PSI	550	PSI	ปริมาณการใช้ - Psi
SPAN GAS	150	PSI	150	PSI	ปริมาณการใช้อุปกรณ์ - Psi

Note : 1. ค่ามาตรฐานตาม EIA (PPM) Corrected @ 7% O<sub>2</sub>

2. Calibration โดยเลือก Sampling จาก HRSG Stack 2

ไม่ได้ Calibrate เนื่องจาก Pressure Span Gas น้อยเกินไปตามที่บริษัท Pico recommend

Sampling HRSG1 ใช้งานไม่ได้เนื่องจาก Solenoid Valve ชำรุด

TESTED BY : 	APPROVED BY : 	INSPECTED BY : 
( นายวิเศษ สันต์เจริญ )	( นายฐานันท์ แสงอนันต์ )	( วศ.เศรษฐ์ปวีร์ ไกรพจน์ )
Date : 28 / 6 / 67	Date : 28 / 6 / 67	Date : 28 / 6 / 67
ชชค.	รหัสเอกสาร FM-xxx / ExxSxxx	แก้ไขครั้งที่ 01



ชชค.	INSPECTION SHEET		Date : 30 / 7 / 67 To 30 / 7 / 67 Page : 1/1
	Plant Name : บริษัทผลิตไฟฟ้าและน้ำเย็น จำกัด		Work Order No.
Department : ผลิตไฟฟ้า	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRSG1 , HRSG2
Section : มหห-ผลิตไฟฟ้า	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 31 / 7 / 67	Capacity .....97..... MW.		[ ] CI [ ] WI [ / ] ...PM...

Continuous Emission Monitoring System (CEMS)




ANALYZER UNIT SPECIFICATION				ยูกธกัณท์ (SPAN GAS)			
MANUFACTURER : ABB				CERTIFICATE OF ANALYSIS			
MODEL : ADVANCE OPTIMA URAS 26 WITH O <sub>2</sub> SENSOR							
COMPONENT RANGE		CO : 0-250 PPM		Customer Name		Airgas Specialty Gases	
Switching Time		SO <sub>2</sub> : 0-250 PPM		Customer PO Number		5222005392	Part No. E04NI99E15A55K9
15 Mins		NO <sub>X</sub> : 0-250 PPM		Reference Number		160-402566800-1	Cylinder No. CC758897
		O <sub>2</sub> : 0-25 % VOL		Certification Date		26/10/2022	
				Expiry Date		26/10/2030	
COMPONENT		REQUESTED		REPORTED			
CO		200	PPM	200.5	PPM		
SO <sub>2</sub>		200	PPM	199.3	PPM		
NO <sub>X</sub>		200	PPM	198.7	PPM		
O <sub>2</sub> (%)		21%		21.37%			
Start Span Gas Licence		2/2/2023					
Start Purchase Order		2/2/2024					

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION										
COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		ค่ามาตรฐานประเภทโรงไฟฟ้า (PPM)	ค่ามาตรฐานตาม EIA (PPM)	COMPONENT @7%O2			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	144.10	144.10	54.00	54.00	690 (ทั่วไป)	-	149.06	149.06	55.87	55.87
SO <sub>2</sub> ( PPM )	7.80	7.80	2.60	2.60	20	10	-	-	-	-
NO <sub>x</sub> ( PPM )	17.20	17.20	17.30	17.30	120	60	17.80	17.80	17.90	17.90
O <sub>2</sub> ( % )	13.44	13.44	13.46	13.46	-	-	-	-	-	-

COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	200.5	-	-	-	-	-	-	+/-1% of Span	198.49	to	202.50
SO <sub>2</sub> ( PPM )	0.00	199.3	-	-	-	-	-	-	+/-1% of Span	197.30	to	201.29
NO <sub>X</sub> ( PPM )	0.00	198.7	-	-	-	-	-	-	+/-1% of Span	196.71	to	200.68
O <sub>2</sub> ( % )	0.00	21.37	-	-	-	-	-	-	+/-1% of Span	21.16	to	21.58

ปริมาณการใช้ Standard Gas Pressure (PSI)												
STANDARD GAS		BEFOR		AFTER		REMARK						
ZERO GAS		550	PSI	550	PSI	ปริมาณการใช้	-	Psi				
SPAN GAS		150	PSI	150	PSI	ปริมาณการใช้ยูกธกัณท์	-	Psi				

Note : 1. ค่ามาตรฐานตาม EIA (PPM) Corected @ 7% O<sub>2</sub>  
2. Calibration โดยเลือก Sampling จาก HRSG Stack 2  
ไม่ได้ Calibrate เนื่องจาก Pressure Span Gas น้อยเกินไปจนไม่พบบริษัท Pico Recommend

TESTED BY : 	APPROVED BY : 	INSPECTED BY : 
( นายวิศิษฐ์ สันต์เจริญ )	( นายณัฐนันท์ แสงอนันต์ )	( วศ.เศรษฐ์ปวีร์ ไกรพงษ์ )
Date : 31 / 7 / 67	Date : 31 / 7 / 67	Date : 31 / 7 / 67
ชชค.	รหัสเอกสาร FM-xxx / ExxSxxx	แก้ไขครั้งที่ 01



ชชค.	INSPECTION SHEET		Date : 30 / 8 / 67 To 30 / 8 / 67 Page : 1/1
	Plant Name : บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำมัน จำกัด		Work Order No. -
Department : คณปค.	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRSG1 , HRSG2
Section : มวท-นค.	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 30 / 8 / 67	Capacity .....97..... MW.		[ ] CI [ ] WI [ / ]...PM...

Continuous Emission Monitoring System (CEMS)

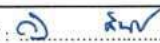
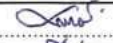
ANALYZER UNIT SPECIFICATION		ยูทริกซ์ (SPAN GAS)	
MANUFACTURER : ABB		CERTIFICATE OF ANALYSIS	
MODEL : ADVANCE OPTIMA URAS 26 WITH O <sub>2</sub> SENSOR			
COMPONENT RANGE	CO : 0-250 PPM	Customer Name	Airgas Specialty Gases
Switching Time	SO <sub>2</sub> : 0-250 PPM	Customer PO Number	5222005392 Part No. E04NI99E15A55K9
15 Mins	NO <sub>x</sub> : 0-250 PPM	Reference Number	160-402566800-1 Cylinder No. CC758897
	O <sub>2</sub> : 0-25 % VOL	Certification Date	26/10/2022
		Expiry Date	26/10/2030
COMPONENT	REQUESTED	REPORTED	
CO	200 PPM	200.5 PPM	
SO <sub>2</sub>	200 PPM	199.3 PPM	
NO <sub>x</sub>	200 PPM	198.7 PPM	
O <sub>2</sub> (%)	21%	21.37%	
		Start Span Gas Licence	2/2/2023
		Start Purchase Order	2/2/2024

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION										
COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		ค่ามาตรฐานประเภทโรงไฟฟ้า (PPM)	ค่ามาตรฐานตาม EIA (PPM)	COMPONENT @7%O2			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	117.00	117.00	54.10	54.10	690 (ทั่วไป)	-	120.19	120.19	55.54	55.54
SO <sub>2</sub> ( PPM )	5.60	5.60	1.70	1.70	20	10	-	-	-	-
NO <sub>x</sub> ( PPM )	18.90	18.90	17.90	17.90	120	60	19.42	19.42	18.38	18.38
O <sub>2</sub> ( % )	12.13	12.13	12.02	12.02	-	-	-	-	-	-

COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	200.5	-	-	-	-	-	-	+/-1% of Span	198.49	to	202.50
SO <sub>2</sub> ( PPM )	0.00	199.3	-	-	-	-	-	-	+/-1% of Span	197.30	to	201.29
NO <sub>x</sub> ( PPM )	0.00	198.7	-	-	-	-	-	-	+/-1% of Span	196.71	to	200.68
O <sub>2</sub> (%)	0.00	21.37	-	-	-	-	-	-	+/-1% of Span	21.16	to	21.58

ปริมาณการใช้ Standard Gas Pressure (PSI)												
STANDARD GAS		BEFOR		AFTER		REMARK						
ZERO GAS	550	PSI	550	PSI	PSI	ปริมาณการใช้	-	-	-	Psi		
SPAN GAS	150	PSI	150	PSI	PSI	ปริมาณการใช้ยูทริกซ์	-	-	-	Psi		

Note : 1. ค่ามาตรฐานตาม EIA (PPM) Corected @ 7% O<sub>2</sub>  
2. Calibration โดยเลือก Sampling จาก HRSG Stack 2  
ไม่ได้ Calibrate เนื่องจาก Pressure Span Gas น้อยเกินไปตามที่บริษัท Pico Recommend

TESTED BY : 	APPROVED BY : 	INSPECTED BY : 
( นายวิศิษฐ์ อินทร์เจริญ )	( นายณัฐนันท์ แสงอนันต์ )	( วศ.เศรษฐ์ปวีร์ ไกรพงษ์ )
Date : 30 / 8 / 67	Date : 30 / 8 / 67	Date : 30 / 8 / 67
ชชค.	รหัสเอกสาร FM-xxx / ExxSxxx	แก้ไขครั้งที่ 01



ชชค.	INSPECTION SHEET		Date : 24 / 9 / 67 To 24 / 9 / 67 Page : 1/1
	Plant Name : บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด		Work Order No. :
Department : ชชค.	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRSG1 , HRSG2
Section : โรงหม-นค.	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 24 / 9 / 67	Capacity .....80.2..... MW.		[ ] CI [ ] WI [ / ] ...PM...

Continuous Emission Monitoring System (CEMS)

ANALYZER UNIT SPECIFICATION

MANUFACTURER : ABB

MODEL : ADVANCE OPTIMA URAS 26 WITH O<sub>2</sub> SENSOR

COMPONENT RANGE	CO : 0-250 PPM
Switchoing Time	SO <sub>2</sub> : 0-250 PPM
15 Minins	NO <sub>X</sub> : 0-250 PPM
	O <sub>2</sub> : 0-25 % VOL

COMPONENT	REQUESTED	REPORTED
CO	200 PPM	201.9 PPM
SO <sub>2</sub>	200 PPM	198.2 PPM
NO <sub>X</sub>	200 PPM	201.9 PPM
O <sub>2</sub> ( % )	21%	21.37%

ยู่ทษกัณท์ (SPAN GAS)

CERTIFICATE OF ANALYSIS

Customer Name	Airgas Specialty Gases		
Customer PO Number	PO67043-PED	Part No.	E04NI99E15A55K9
Reference Number	160-403063343-1	Cylinder No.	CC754580
Certification Date	21/6/2024		
Expiry Date	21/6/2032		

Start Span Gas Licence	21/6/2024
Start Purchase Order	24/9/2025

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION

COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		ค่ามาตรฐานประเภทโรงไฟฟ้า (PPM)	ค่ามาตรฐานตาม EIA (PPM)	COMPONENT @7%O2			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	95.80	93.30	55.60	53.80	600 (ทั่วไป)	-	79.90	285.20	74.20	173.30
SO <sub>2</sub> ( PPM )	4.20	1.50	1.30	-2.00	20	10	5.6	15.6	2.3	6.8
NO <sub>x</sub> ( PPM )	22.20	12.10	18.70	10.90	120	60	29.20	26.20	25.90	23.80
O <sub>2</sub> ( % )	10.33	15.63	10.33	15.70	-	-	-	-	-	-




CEMS CALIBRATION

COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	201.9	-1.60	204.40	2.03	0.10	202.00	0.00	+/-1% of Span	199.88	to	203.92
SO <sub>2</sub> ( PPM )	0.00	198.2	3.70	201.00	0.45	0.20	199.00	0.30	+/-1% of Span	196.22	to	200.18
NO <sub>X</sub> ( PPM )	0.00	201.9	-0.50	201.20	0.10	0.20	200.00	1.04	+/-1% of Span	199.88	to	203.92
O <sub>2</sub> ( % )	0.00	21.37	-0.11	19.51	8.19	0.00	21.37	0.00	+/-1% of Span	21.15	to	21.58

ปริมาณการใช้ Standard Gas Pressure (PSI)

STANDARD GAS	BEFOR	AFTER	REMARK
ZERO GAS	550 PSI	400 PSI	ปริมาณการใช้ 150 Psi
SPAN GAS	2,015 PSI	2,000 PSI	ปริมาณการใช้ยู่ทษกัณท์ 15 Psi

Note : 1. Calibration โดยเลือก Sampling จาก HRSG Stack 2  
2. เนื่องจากมีการเปลี่ยน Sensor O<sub>2</sub> ตัวใหม่ จึงวัดค่าได้มากกว่าเดิมในส่วนที่ใช้ @7%O<sub>2</sub> ในการคำนวณค่า Parameter  
ค่าที่วัดได้นั้นมาจาก Process ตามจริง

TESTED BY : 	APPROVED BY : 	INSPECTED BY : 
( นายคิตล วีรศักดิ์ )	( นายณัฐนันท์ แสงอนันต์ )	( นาย เสรฐฐปวีร์ ไกรพงษ์ )
Date : 24 / 9 / 67	Date : 24 / 9 / 67	Date : 24 / 9 / 67
ชชค.	รหัสเอกสาร FI-xxx / ExxSxxx	แก้ไขครั้งที่ 01



ชชค.	INSPECTION SHEET		Date : 24 / 10 / 67 To 24 / 10 / 67 Page : 1/1
	Plant Name : บริษัทผลิตไฟฟ้าและน้ำเย็น จำกัด		Work Order No. :
Department : ผลิตไฟฟ้า	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRSG1 , HRSG2
Section : โรงไฟฟ้า	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 1 / 10 / 67	Capacity .....80.4..... MW.		[ ] CI [ ] WI [ / ] ...PM...

Continuous Emission Monitoring System (CEMS)

ANALYZER UNIT SPECIFICATION

MANUFACTURER : ABB

MODEL : ADVANCE OPTIMA URAS 26 WITH O<sub>2</sub> SENSOR

COMPONENT RANGE	CO : 0-250 PPM
Switchover Time	SO <sub>2</sub> : 0-250 PPM
15 Minins	NO <sub>X</sub> : 0-250 PPM
	O <sub>2</sub> : 0-25 % VOL

ยูทริกซ์ (SPAN GAS)

CERTIFICATE OF ANALYSIS

Customer Name	Airgas Specialty Gases		
Customer PO Number	PO67043-PED	Part No.	E04NI99E15A55K9
Reference Number	160-403063343-1	Cylinder No.	CC754580
Certification Date	21/6/2024		
Expiry Date	21/6/2032		

COMPONENT	REQUESTED	REPORTED
CO	200 PPM	201.9 PPM
SO <sub>2</sub>	200 PPM	198.2 PPM
NO <sub>X</sub>	200 PPM	201.9 PPM
O <sub>2</sub> (%)	21%	21.37%

Start Span Gas Licence	21/6/2024
Start Purchase Order	24/9/2025

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION

COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		กำหนดมาตรฐานประเภทโรงไฟฟ้า (PPM)	กำหนดมาตรฐานตาม EIA (PPM)	COMPONENT @7%O2			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	104.20	103.70	49.50	53.80	600 (ทั่วไป)	-	271.46	278.63	163.08	173.30
SO <sub>2</sub> ( PPM )	1.40	1.42	0.80	-2.00	20	10	2.39	2.46	1.48	6.8
NO <sub>x</sub> ( PPM )	12.20	12.10	13.20	10.90	120	60	31.93	32.34	43.28	44.75
O <sub>2</sub> (%)	15.56	15.57	17.87	17.87	-	-	-	-	-	-

CEMS CALIBRATION

COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	201.9	0.40	201.70	0.30	0.00	202.00	0.05	+/-1% of Span	199.88	to	203.92
SO <sub>2</sub> ( PPM )	0.00	198.2	2.14	201.00	0.33	0.00	199.00	0.40	+/-1% of Span	196.22	to	200.18
NO <sub>X</sub> ( PPM )	0.00	201.9	0.20	200.80	0.64	0.00	200.80	0.54	+/-1% of Span	199.88	to	203.92
O <sub>2</sub> (%)	0.00	21.37	0.10	20.53	4.40	0.00	21.27	0.47	+/-1% of Span	21.15	to	21.58

ปริมาณการใช้ Standard Gas Pressure (PSI)

STANDARD GAS	BEFOR	AFTER	REMARK
ZERO GAS	2,000 PSI	2,000 PSI	ปริมาณการใช้ 0 Psi
SPAN GAS	2,000 PSI	1,900 PSI	ปริมาณการใช้ยูทริกซ์ 100 Psi

Note : 1. Calibration โดยเลือก Sampling จาก HRSG Stack 2

2. หลังจากที่มีการเปลี่ยน Sensor O<sub>2</sub> ตัวใหม่ไป ทำให้ค่า O<sub>2</sub> stack2 อ่านค่าได้มากกว่า stack1 อยู่ในขณะดำเนินการตรวจสอบหาสาเหตุ

TESTED BY : <u>นายวิมล วีระศักดิ์</u>	APPROVED BY : <u>นายชัชวาลย์ แสงอนันต์</u>	INSPECTED BY : <u>นาย เสริมฐิรวิทย์ ไกรพงษ์</u>
( นายวิมล วีระศักดิ์ )	( นายชัชวาลย์ แสงอนันต์ )	( นาย เสริมฐิรวิทย์ ไกรพงษ์ )
Date : 24 / 10 / 67	Date : 24 / 10 / 67	Date : 24 / 10 / 67
ชชค.	รหัสเอกสาร FI-xxx / ExxSxxx	แก้ไขครั้งที่ 01



ชชค.	INSPECTION SHEET		Date : 4 / 12 / 67 To 4 / 12 / 67 Page : 1/1
	Plant Name : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด		Work Order No. :
Department : กกบผ.	Equipment / Part : Continuous Emission Monitoring System (CEMS)		Plant Unit : HRSG1 , HRSG2
Section : มวห-บผ.	/ Power Plant		Maint. Type : [ ] MO [ ] MI
Date : 4 / 12 / 67	Capacity .....80.3..... MW.		[ ] CI [ ] WI [ / ]...PM...

Continuous Emission Monitoring System (CEMS)

ANALYZER UNIT SPECIFICATION				ยูทริกซ์ (SPAN GAS)			
MANUFACTURER : ABB				CERTIFICATE OF ANALYSIS			
MODEL : ADVANCE OPTIMA URAS 26 WITH O <sub>2</sub> SENSOR				Airgas Specialty Gases			
COMPONENT RANGE		CO : 0-250 PPM		Customer Name		Airgas Specialty Gases	
Swithching Time		SO <sub>2</sub> : 0-250 PPM		Customer PO Number		PO67043-PED	Part No. E04NI99E15A55K9
15 Minins		NO <sub>X</sub> : 0-250 PPM		Reference Number		160-403063343-1	Cylinder No. CC754580
		O <sub>2</sub> : 0-25 % VOL		Certification Date		21/6/2024	
				Expiry Date		21/6/2032	
				Start Span Gas Licence		21/6/2024	
				Start Purchase Order		24/9/2025	
COMPONENT	REQUESTED	REPORTED					
CO	200 PPM	201.9	PPM				
SO <sub>2</sub>	200 PPM	198.2	PPM				
NO <sub>X</sub>	200 PPM	201.9	PPM				
O <sub>2</sub> ( % )	21%	21.37%					

CEMS OPERATING DATA BEFORE and AFTER CALIBRATION										
COMPONENT	HRSG.1 Operating Data		HRSG.2 Operating Data		กำหนดมาตรฐานประเภทโรงไฟฟ้า (PPM)	กำหนดมาตรฐานตาม EIA (PPM)	COMPONENT @7%O2			
	Before Cal.	After Cal.	Before Cal.	After Cal.			HRSG.1 Data		HRSG.2 Data	
							Before	After	Before	After
CO ( PPM )	95.34	95.34	56.42	56.42	600 (ทั่วไป)	-	233.34	233.34	152.65	152.65
SO <sub>2</sub> ( PPM )	0.00	0.00	0.00	0.00	20	10	0	0	0	0
NO <sub>x</sub> ( PPM )	10.33	10.33	10.33	10.33	120	60	25.28	25.28	32.68	32.68
O <sub>2</sub> ( % )	15.22	15.22	15.76	15.76	-	-	-	-	-	-

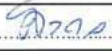


CEMS CALIBRATION												
COMPONENT	SETTING		AS FOUND			AS LEFT			ALLOWABLE	ALLOWABLE VALUE		
	ZERO	SPAN	ZERO	SPAN	ERROR	ZERO	SPAN	ERROR				
CO ( PPM )	0.00	201.9	0.40	201.70	0.30	0.00	202.00	0.05	+/-1% of Span	199.88	to	203.92
SO <sub>2</sub> ( PPM )	0.00	198.2	2.14	201.00	0.33	0.00	199.00	0.40	+/-1% of Span	196.22	to	200.18
NO <sub>X</sub> ( PPM )	0.00	201.9	0.20	200.80	0.64	0.00	200.80	0.54	+/-1% of Span	199.88	to	203.92
O <sub>2</sub> ( % )	0.00	21.37	0.10	20.53	4.40	0.00	21.27	0.47	+/-1% of Span	21.15	to	21.58

ปริมาณการใช้ Standard Gas Pressure (PSI)						
STANDARD GAS	BEFOR	AFTER	REMARK			
ZERO GAS	2,000 PSI	1,800 PSI	ปริมาณการใช้	200	Psi	
SPAN GAS	1,900 PSI	1,400 PSI	ปริมาณการใช้ยูทริกซ์	500	Psi	

Note : 1. Calibration โดยเลือก Sampling จาก HRSG Stack 2

2. หลังจากที่มีบริษัทมีการเปลี่ยน Sensor O<sub>2</sub> ตัวใหม่ไป ทำให้ค่า O<sub>2</sub> stack2 อ่านค่าได้มากกว่า stack1 อยู่ในขณะดำเนินการตรวจสอบหาสาเหตุ

3. บริษัทได้นำเครื่อง Analyzer ของบริษัทมาทำการทดสอบเก็บค่าเพื่อนำมาเปรียบเทียบกับ Analyzer ของทางตัวโรงไฟฟ้าเพื่อหาสาเหตุที่เครื่องของโรงไฟฟ้าอ่านค่าผิดเพี้ยน

TESTED BY : 	APPROVED BY : 	INSPECTED BY : 
( นายศิวล วีรศักดิ์ )	( นายฐนันทน์ แสงอนันต์ )	( นายเศรษฐ์ปวีร์ ไกรพงษ์ )
Date : 4 / 12 / 67	Date : 4 / 12 / 67	Date : 4 / 12 / 67
ชชค.	รหัสเอกสาร FI-xxx / ExxSxxx	แก้ไขครั้งที่ 01





## ภาคผนวกที่ 10

เอกสารบันทึกปริมาณการใช้เชื้อเพลิง  
วัตถุดิบ และสารเคมี









## ภาคผนวกที่ 11

คู่มือความปลอดภัยในการทำงาน สำหรับผู้ปฏิบัติงาน





คู่มือความปลอดภัยในการทำงาน สำหรับผู้ปฏิบัติงาน  
ในพื้นที่ บริษัท ผลิตไฟฟ้าและน้ำเย็นจำกัด (DCAP)



บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

ปรับปรุงครั้งที่ 1 วันที่ 16 พฤษภาคม 2567





## เบอร์ติดต่อกรณีฉุกเฉิน

### เบอร์ติดต่อภายใน DCAP

ห้องควบคุมการผลิต 24 ชั่วโมง (CCR)	02 327 4242 ต่อ 1125 ,5012
สำนักงาน DCAP	02 327 4242 ต่อ 1121
สำนักงาน คคปผ.	02 327 4242 ต่อ 2104
อาคารรักษาความปลอดภัย	02 327 4242 ต่อ 1601

### เบอร์ติดต่อภายนอก

สถานีดับเพลิงและกู้ภัย ทสภ.	02 132 9911
สถานีดับเพลิงและกู้ภัย ทสภ. (SAT1)	02 132 6741
ศูนย์รักษาความปลอดภัย ทสภ.	02 132 4000
คลินิกแพทย์ ทอท.	0 2132 7777
โรงพยาบาลจุฬารัตน์ 9	02 115 2111
โรงพยาบาลลาดกระบัง	02 326 9995
สถานีตำรวจภูธรท่าอากาศยานสุวรรณภูมิ	02 134 0555
หน่วยบริการการแพทย์ฉุกเฉินศูนย์นเรนทร	1669



## คำนำ

บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (DCAP) จัดทำคู่มือปฏิบัติงานด้านความปลอดภัยในการทำงานฉบับนี้ขึ้น โดยมีวัตถุประสงค์เพื่อให้ผู้ปฏิบัติงานในพื้นที่ DCAP ทุกคนทราบถึงกฎ ระเบียบ หลักปฏิบัติด้านความปลอดภัยในการทำงานพื้นฐานที่ต้องนำไปปฏิบัติและเพื่อเป็นแนวทางให้ปฏิบัติงานด้วยความปลอดภัย สอดคล้องตามนโยบายฯ และเจตนารมณ์ของกฎหมายด้านความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน เพื่อควบคุมป้องกันอุบัติเหตุ ความเจ็บป่วยและความสูญเสียที่อาจจะเกิดขึ้นกับผู้ปฏิบัติงานเพื่อนร่วมงาน ตลอดจนทรัพย์สิน สิ่งแวดล้อมและชุมชนใกล้เคียง ซึ่งเป็นเป้าหมายสูงสุดของการดำเนินงานด้านความปลอดภัยฯ

คณะกรรมการความปลอดภัยฯ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
พฤษภาคม 2567



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## นโยบายคุณภาพ ความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม

ด้วย บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (DCAP) มีความมุ่งมั่นที่จะดำเนินงานโดยคำนึงถึงคุณภาพ ความความปลอดภัย อาชีวอนามัย และสิ่งแวดล้อม ให้เป็นไปตามกฎหมาย มาตรฐานสากลและข้อกำหนดอื่นๆ ที่เกี่ยวข้อง รวมทั้งการตอบสนองต่อความต้องการความคาดหวังของผู้มีส่วนได้ส่วนเสียทุกภาคส่วนซึ่งรวมถึงลูกค้า ชุมชน คู่ค้า หน่วยงานราชการ ผู้ถือหุ้น และพนักงาน พร้อมทั้งให้มีการพัฒนาและปรับปรุงการดำเนินงานอย่างต่อเนื่อง จึงประกาศนโยบายคุณภาพ ความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม เพื่อให้ผู้ปฏิบัติงานและผู้มีส่วนเกี่ยวข้องยึดถือเป็นแนวทางในการปฏิบัติงาน ดังนี้

- 1) มุ่งมั่นที่จะผลิตไฟฟ้าและน้ำเย็นที่มีคุณภาพ (Quality) และเสถียรภาพ (Reliability) เพื่อตอบสนองความต้องการและสร้างความพึงพอใจสูงสุดแก่ลูกค้า
- 2) ปฏิบัติตามกฎหมาย ระเบียบ ข้อบังคับ ข้อกำหนดด้านคุณภาพ ความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมอย่างเคร่งครัด
- 3) มีการบริหารต้นทุนการผลิต (Cost Optimization) มุ่งหาเทคโนโลยีและการจัดการพลังงานที่มีประสิทธิภาพ (Energy Management) เพื่อสร้างมูลค่าเพิ่ม (Value Added)
- 4) ส่งเสริมการอนุรักษ์พลังงานโดยตระหนักถึงการใช้ทรัพยากรธรรมชาติอย่างมีประสิทธิภาพและเป็นมิตรกับสิ่งแวดล้อม
- 5) ควบคุมดูแลในเรื่องความปลอดภัยอาชีวอนามัยและสภาพแวดล้อมในการทำงาน เพื่อป้องกันโรคและอันตรายจากการทำงานและเพื่อเสริมสร้างสุขภาพที่ดีให้แก่ผู้ปฏิบัติงาน พร้อมทั้งป้องกันและลดผลกระทบด้านสิ่งแวดล้อมจากกระบวนการผลิต
- 6) สื่อสารและเผยแพร่ข้อมูลข่าวสารการดำเนินงานด้านคุณภาพความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม เพื่อสร้างความเข้าใจที่ถูกต้องต่อผู้มีส่วนได้เสีย และสร้างความสัมพันธ์อันดี พร้อมทั้งส่งเสริมให้พนักงานและผู้ปฏิบัติงานมีส่วนร่วมในการเสนอแนะปรับปรุงงานด้านระบบคุณภาพ ความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม



## 1. ความรู้พื้นฐานด้านความปลอดภัย

### คำจำกัดความที่เกี่ยวข้อง

**ความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน** หมายถึง การกระทำหรือสภาพการทำงาน ซึ่งปลอดภัยจากเหตุอันจะทำให้เกิดการประสบอันตราย การเจ็บป่วย หรือความเดือดร้อนรำคาญต่อชีวิต ร่างกาย จิตใจหรือสุขภาพอนามัยอันเนื่องมาจากการทำงานหรือเกี่ยวกับการทำงาน

**นายจ้าง** หมายถึง นายจ้างตามกฎหมายว่าด้วยการคุ้มครองแรงงานและให้หมายความรวมถึงผู้ประกอบการซึ่งยอมให้บุคคลหนึ่งบุคคลใดมาทำงานหรือทำผลประโยชน์ให้แก่หรือในสถานประกอบการ ไม่ว่าการทำงานหรือการทำผลประโยชน์นั้นจะเป็นส่วนหนึ่งส่วนใดหรือทั้งหมดในกระบวนการผลิตหรือธุรกิจในความรับผิดชอบของผู้ประกอบการนั้นหรือไม่ก็ตาม

**ลูกจ้าง** หมายถึง ลูกจ้างตามกฎหมายว่าด้วยการคุ้มครองแรงงานและให้หมายความรวมถึงผู้ซึ่งได้รับความยินยอมให้ทำงานหรือทำผลประโยชน์ให้แก่หรือในสถานประกอบการของนายจ้างไม่ว่าจะเรียกชื่ออย่างไรก็ตาม

**เจ้าหน้าที่ความปลอดภัยในการทำงาน** หมายถึง ลูกจ้างซึ่งนายจ้างแต่งตั้งให้ปฏิบัติหน้าที่ด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน

**ความปลอดภัย (Safety)** คือ สภาพที่ปลอดภัยจากอุบัติเหตุต่างๆ อันจะเกิดแก่ร่างกาย ชีวิต หรือทรัพย์สินในขณะปฏิบัติงาน ซึ่งก็คือ สภาพการทำงานที่ถูกต้องโดยปราศจาก “อุบัติเหตุ” ในขณะทำงาน

**ประสบอันตราย** หมายถึง การที่ลูกจ้างได้รับอันตรายแก่กายหรือผลกระทบแก่จิตใจหรือถึงแก่ความตายเนื่องมาจากการทำงาน หรือป้องกันรักษาประโยชน์ให้นแก่นายจ้างหรือตามคำสั่งของนายจ้าง

**เจ็บป่วย** หมายถึง การที่ลูกจ้างเจ็บป่วยหรือถึงแก่ความตายด้วยโรคที่เกิดขึ้นตามลักษณะ หรือสภาพของงาน หรือเนื่องมาจากการทำงาน



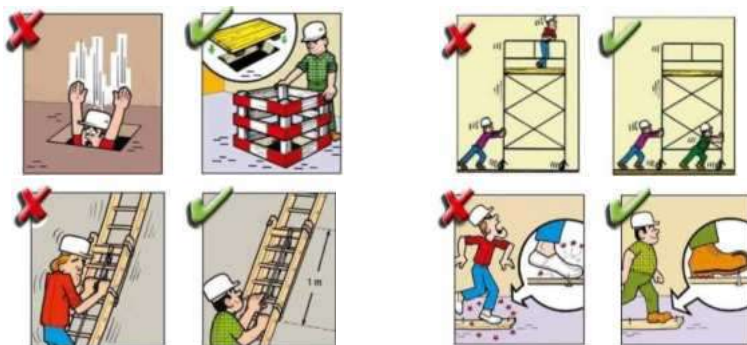
**อุบัติเหตุเกือบเกิดอุบัติเหตุ (Near miss)** หมายถึง เหตุการณ์ที่ไม่พึงประสงค์ที่เกิดขึ้นแล้วไม่มีผลของการบาดเจ็บ หรือเสียชีวิต หรือทรัพย์สินเสียหาย

**อุบัติเหตุ (Accident)** คือ เหตุการณ์ที่ไม่มีเจตนาให้เกิดขึ้น เมื่อเกิดขึ้นแล้วมีผลทำให้เกิดการบาดเจ็บหรือการเจ็บป่วยจากการทำงาน หรือการเสียชีวิต ความสูญเสียต่อทรัพย์สินผลิตภัณฑ์ กระบวนการทำงาน หยุดชะงักหรือความเสียหายต่อสิ่งแวดล้อม และสาธารณะชน

### สาเหตุของการเกิดอุบัติเหตุจากการทำงาน

การกระทำที่ไม่ปลอดภัย (Unsafe act)
<ul style="list-style-type: none"> <li>หมายถึง การกระทำหรือการปฏิบัติงานของคนที่มีผลทำให้เกิดความไม่ปลอดภัยกับตนเองและผู้อื่น ซึ่งเป็นสาเหตุหลักคิดเป็น 85% ของการเกิดอุบัติเหตุทั้งหมด</li> <li>ตัวอย่างเช่น การทำงานในที่ที่ไม่ปลอดภัย การใช้เครื่องมือที่ชำรุดหรือไม่ถูกวิธี การยกหรือเคลื่อนย้ายวัสดุด้วยท่าทางหรือวิธีการที่ไม่ปลอดภัย เป็นต้น</li> </ul>

สภาพการณ์ที่ไม่ปลอดภัย (Unsafe condition)
<ul style="list-style-type: none"> <li>หมายถึง สภาพแวดล้อมที่อยู่รอบๆ ตัวผู้ปฏิบัติงานในขณะทำงาน ซึ่งเป็นสาเหตุรองคิดเป็น 15% ของการเกิดอุบัติเหตุทั้งหมด</li> <li>ตัวอย่างเช่น สภาพของโรงงานอุตสาหกรรม เครื่องจักร กระบวนการผลิต เครื่องยนต์ อุปกรณ์ในการผลิต ไม่มีความปลอดภัยเพียงพอ บริเวณพื้นที่ทำงานลื่น ขรุขระ หรือสกปรก การจัดเก็บสารเคมีไม่ถูกวิธี แสงสว่างไม่เหมาะสม เป็นต้น</li> </ul>



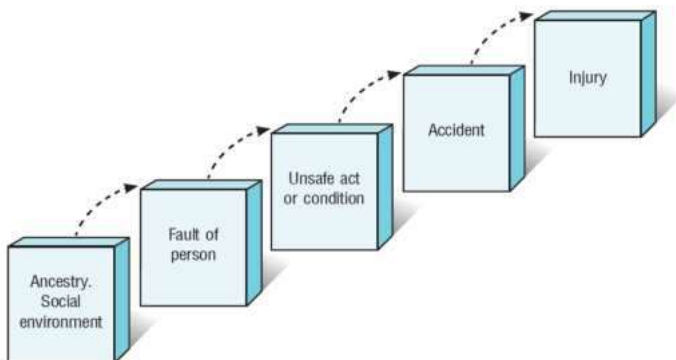


## ทฤษฎีโดมิโน (Domino Theory)

สาเหตุของการเกิดอุบัติเหตุสามารถอธิบายได้ด้วยทฤษฎีโดมิโน (Domino Theory) ว่าการบาดเจ็บและความเสียหายต่างๆ เป็นผลที่สืบเนื่องโดยตรงมาจากอุบัติเหตุและอุบัติเหตุเป็นผลมาจากการกระทำที่ไม่ปลอดภัยหรือสภาพการณ์ที่ไม่ปลอดภัย ซึ่งเปรียบได้เหมือนตัวโดมิโนที่เรียงกันอยู่ 5 ตัวใกล้กัน เมื่อตัวที่หนึ่งล้มย่อมมีผลทำให้ตัวโดมิโนถัดไปล้มตามกันไปด้วยเป็นลูกโซ่ ตัวโดมิโนทั้ง 5 ตัวได้แก่

1. สภาพแวดล้อมหรือภูมิหลังของบุคคล (Social Environment or Background)
2. ความบกพร่องของบุคคล (Defects of Person)
3. การกระทำหรือสภาพแวดล้อมที่ไม่ปลอดภัย (Unsafe Acts /Unsafe Conditions)
4. อุบัติเหตุ (Accident)
5. การบาดเจ็บหรือความเสียหาย (Injury/Damages)

ทฤษฎีโดมิโนนี้มีผู้เรียกชื่อใหม่เป็น “**ลูกโซ่ของอุบัติเหตุ (Accident Chain)**” อธิบายได้ว่าสภาพแวดล้อมของสังคมหรือภูมิหลังของคนใดคนหนึ่ง (สภาพครอบครัว สถานะความเป็นอยู่ การศึกษาอบรม) ก่อให้เกิดความบกพร่องผิดปกติของคนนั้น (มีทัศนคติต่อความปลอดภัยไม่ถูกต้อง ขอบเสี่ยง มักง่าย) ก่อให้เกิดการกระทำที่ไม่ปลอดภัยหรือสภาพการณ์ที่ไม่ปลอดภัยก่อให้เกิดอุบัติเหตุ เป็นผลให้เกิดการบาดเจ็บหรือความเสียหาย ดังรูป





## ความสูญเสียจากการเกิดอุบัติเหตุ

อุบัติเหตุที่เกิดขึ้นจากการทำงานทำให้เกิดความสูญเสียทั้งต่อร่างกายหรือทรัพย์สิน ผู้ประสบเหตุอาจได้รับบาดเจ็บ พุพพลภาพหรือเสียชีวิต เกิดความเสียหายต่ออุปกรณ์ เครื่องมือ เครื่องจักร ซึ่งความสูญเสียที่เกิดขึ้นส่งผลกระทบต่อผู้ปฏิบัติงาน ครอบครัว ญาติพี่น้อง ผู้ร่วมงาน นายจ้าง ตลอดจนประเทศไทย โดยความสูญเสียที่เกิดขึ้นแบ่งออกได้เป็น 2 ประเภท คือความสูญเสียทางตรง และความสูญเสียทางอ้อม ดังมีผู้เปรียบเทียบว่าความสูญเสียหรือค่าใช้จ่ายจากการเกิดอุบัติเหตุเปรียบเสมือน “ภูเขาน้ำแข็ง” โดยส่วนที่โผล่พ้นน้ำมองเห็นได้เพียงเล็กน้อยเท่านั้น เมื่อเทียบกับส่วนที่จมอยู่ใต้น้ำ เปรียบเสมือนค่าใช้จ่ายทางตรงที่เป็นเพียงส่วนน้อย ของค่าใช้จ่ายทั้งหมด



“ความสูญเสียที่เกิดขึ้นเปรียบเสมือนกับภูเขาน้ำแข็ง โดยน้ำแข็งส่วนที่โผล่พ้นน้ำเปรียบได้กับความสูญเสียทางตรง<sup>1</sup> ที่สามารถมองเห็นได้ซึ่งเป็นเพียงเล็กน้อยเท่านั้น เมื่อเปรียบเทียบกับก้อนน้ำแข็งส่วนที่จมอยู่ใต้น้ำ<sup>2</sup> หรือความสูญเสียทางอ้อม ส่วนที่ไม่สามารถมองเห็นได้ซึ่งเป็นผลกระทบที่มากกว่า”

<sup>1</sup> จำนวนเงินที่ต้องจ่ายไปอันเกี่ยวข้องกับผู้ที่ได้รับบาดเจ็บโดยตรงจากอุบัติเหตุ ได้แก่ ค่ารักษาพยาบาล ค่าทำขวัญ ค่าทำศพ ค่าประกันชีวิตค่าทดแทน เป็นความสูญเสียที่เห็นได้ชัดเจน เปรียบเสมือนส่วนยอดของภูเขาน้ำแข็ง

<sup>2</sup> ค่าใช้จ่ายอื่นๆ นอกเหนือจากค่าใช้จ่ายทางตรงสำหรับการเกิดอุบัติเหตุแต่ละครั้ง ซึ่งแอบแฝงอยู่ในอุบัติเหตุ เปรียบดังส่วนใต้น้ำของภูเขาน้ำแข็งที่เราไม่มองเห็น เช่น การสูญเสียเวลาทำงานของผู้บาดเจ็บ ค่าใช้จ่ายในการซ่อมแซม เครื่องจักร เครื่องมือ อุปกรณ์ที่ได้รับความเสียหาย วัตถุดิบหรือสินค้าที่ได้รับความเสียหาย ผลผลิตลดลง เนื่องจากขบวนการผลิตขัดข้องหรือต้องหยุดชะงัก ค่าสวัสดิการต่างๆ ของผู้ได้รับบาดเจ็บ หรือการเสียชื่อเสียง ภาพพจน์ของโรงงาน เป็นต้น

**แหล่งกำเนิดของความสูญเสียที่สำคัญที่สุด คือ**

**“มนุษย์”**

**เราสามารถควบคุมได้โดย**

**“จิตสำนึกด้านความปลอดภัยของผู้ปฏิบัติงานทุกท่าน**



## สภาพแวดล้อมในการทำงานที่เป็นอันตรายต่อสุขภาพ

หมายถึงสิ่งหรือสภาพต่างๆ ที่อยู่รอบตัวผู้ปฏิบัติงาน เช่น ความร้อน ความเย็น แสงสว่าง เสียงดัง ความสั่นสะเทือน รังสี ก๊าซ ใยหิน ฝุ่น ฟุ้ง ละออง สารเคมี เชื้อโรคและสัตว์ต่างๆ นอกจากนี้ยังรวมถึงสภาพการทำงานที่ซ้ำซาก การเร่งรีบทำงาน การทำงานล่วงเวลา สัมพันธภาพระหว่างเพื่อนร่วมงาน ค่าตอบแทนและชั่วโมงการทำงาน เป็นต้น ความไม่เหมาะสมของสภาพแวดล้อมในการทำงาน นับว่าเป็นปัจจัยที่มีส่วนเกี่ยวข้องในการก่อให้เกิดการเจ็บป่วยจากการทำงานได้

สภาพแวดล้อมในการทำงานที่อยู่รอบตัวผู้ปฏิบัติงาน ซึ่งอาจทำให้เกิดการเจ็บป่วย หรือโรคจากการทำงาน แบ่งเป็น 5 กลุ่ม ดังรูป





## องค์ประกอบที่ทำให้เกิดการเจ็บป่วย/โรคจากการทำงาน

- (1) **ผู้ปฏิบัติงาน** ปัจจัยที่เกี่ยวกับตัวผู้ปฏิบัติงานที่นับว่ามีอิทธิพลต่อการเจ็บป่วยและ/หรือโรคจากการทำงานมีหลายประการ เช่น อายุ เพศ กรรมพันธุ์ เชื้อชาติ ภาวะโภชนาการ โรคประจำตัว พื้นฐานการศึกษา องค์ประกอบด้านจิตใจ และองค์ประกอบด้านพฤติกรรม เป็นต้น
- (2) **สภาพแวดล้อมในการทำงานที่เป็นอันตรายต่อสุขภาพ** คือสาเหตุที่สำคัญของการเกิดการเจ็บป่วยและ/หรือโรคจากการทำงาน ซึ่งแบ่งได้เป็นกลุ่มใหญ่ๆ ได้แก่ สภาพแวดล้อมทางกายภาพ ทางเคมี ทางชีวภาพ ทางกายศาสตร์ และทางจิตวิทยาสังคม
- (3) **สิ่งแวดล้อมทั่วไป** เป็นปัจจัยภายนอกที่กระตุ้นและส่งเสริม ทั้งทางตรงและทางอ้อมที่จะทำให้โรคเกิดเร็วขึ้น เช่น สภาพที่พักอาศัยไม่ถูกสุขลักษณะ สภาพภูมิอากาศ และสภาพ เศรษฐกิจ เป็นต้น



องค์ประกอบทำให้เกิดการเจ็บป่วย และ/หรือโรคจากการทำงาน

**โรคจากการทำงานหรือโรคจากการประกอบอาชีพ** หมายความว่า โรคหรืออาการผิดปกติที่เกิดขึ้นอันเป็นผลเนื่องมาจากการทำงานหรือการประกอบอาชีพ เช่น โรคจากตะกั่วหรือสารประกอบของตะกั่ว โรคจากฝุ่นซิลิกา โรคจากภาวะอับอากาศ โรคมะเร็งที่เกิดจากแอสเบสตอส (ใยหิน) เป็นต้น



## สิทธิและหน้าที่ของนายจ้างและลูกจ้างด้านความปลอดภัย


พระราชบัญญัติความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน พ.ศ. 2554 ได้กำหนดสิทธิและหน้าที่ของนายจ้างและลูกจ้าง ดังนี้

- **นายจ้างและลูกจ้างมีหน้าที่ในการปฏิบัติตามพระราชบัญญัติความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน พ.ศ. 2554**
- **นายจ้างมีหน้าที่จัดและดูแลสถานประกอบกิจการและลูกจ้างให้มีสภาพการทำงานและสภาพแวดล้อมในการทำงานที่ปลอดภัยและถูกสุขลักษณะ รวมทั้งส่งเสริมและสนับสนุนการปฏิบัติงานของลูกจ้าง มิให้ลูกจ้างได้รับอันตรายต่อชีวิต ร่างกาย จิตใจ และสุขภาพอนามัย**
- **นายจ้างมีหน้าที่จัดและดูแลให้ลูกจ้างสวมใส่อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคลที่ได้มาตรฐาน ถ้าลูกจ้างไม่สวมใส่อุปกรณ์ดังกล่าว ให้นายจ้างสั่งให้หยุดการทำงานจนกว่าลูกจ้างจะสวมใส่อุปกรณ์นั้น**
- **นายจ้างมีหน้าที่จัดให้ผู้บริหาร หัวหน้างาน และลูกจ้างทุกคนได้รับการฝึกอบรมให้สามารถบริหารจัดการและดำเนินการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานได้อย่างปลอดภัยก่อนการเข้าทำงาน เปลี่ยนงาน เปลี่ยนสถานที่ทำงาน หรือเปลี่ยนแปลงเครื่องจักรหรืออุปกรณ์**
- **นายจ้างมีหน้าที่แจ้งให้ลูกจ้างทราบถึงอันตรายที่อาจเกิดขึ้นจากการทำงานและแจกคู่มือปฏิบัติงานให้ลูกจ้างทุกคนก่อนที่ลูกจ้างจะเข้าทำงาน เปลี่ยนงาน หรือเปลี่ยนสถานที่ทำงาน**
- **นายจ้างมีหน้าที่ติดประกาศ คำเตือน คำสั่ง หรือคำวินิจฉัยของอธิบดีกรมสวัสดิการและคุ้มครองแรงงาน พนักงานตรวจความปลอดภัย หรือคณะกรรมการความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงานแล้วแต่กรณี**
- **นายจ้างเป็นผู้ออกค่าใช้จ่ายในการดำ เนินงานด้านความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน**
- **ลูกจ้างมีหน้าที่ให้ความร่วมมือกับนายจ้างในการดำเนินการและส่งเสริมด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน โดยคำนึงถึงสภาพของงานและหน้าที่รับผิดชอบ**
- **ลูกจ้างมีหน้าที่แจ้งข้อบกพร่องของสภาพการทำงานหรือการชำรุดเสียหายของอาคาร สถานที่เครื่องมือเครื่องจักร หรืออุปกรณ์ ที่ไม่สามารถแก้ไขได้ด้วยตนเองต่อเจ้าหน้าที่ความปลอดภัยในการทำงานหัวหน้างาน หรือผู้บริหาร**
- **ลูกจ้างมีหน้าที่สวมใส่อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคลที่นายจ้างจัดให้และดูแลให้สามารถใช้งานได้ตามสภาพและลักษณะของงานตลอดระยะเวลาทำงาน**
- **ในสถานที่ที่มีสถานประกอบกิจการหลายแห่ง ลูกจ้างมีหน้าที่ปฏิบัติตามหลักเกณฑ์เกี่ยวกับความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานของนายจ้าง และสถานประกอบกิจการอื่นที่ไม่ใช่ของนายจ้างด้วย**
- **ลูกจ้างมีสิทธิได้รับความคุ้มครองจากการเลิกจ้าง หรือถูกโยกย้ายหน้าที่การงานเพราะเหตุที่ฟ้องร้อง เป็นพยาน ให้หลักฐาน หรือให้ข้อมูลเกี่ยวกับความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานต่อพนักงานตรวจความปลอดภัย คณะกรรมการความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการทำงาน หรือศาล**
- **ลูกจ้างมีสิทธิได้รับค่าจ้างหรือสิทธิประโยชน์อื่นใด ในระหว่างหยุดการทำงานหรือหยุดกระบวนการผลิตตามคำสั่งของพนักงานตรวจความปลอดภัย เว้นแต่ลูกจ้างที่จงใจกระทำอันเป็นเหตุให้มีการหยุดการทำงานหรือหยุดกระบวนการผลิต**



## 2. ข้อกำหนดด้านความปลอดภัยทั่วไป

### 2.1 การแต่งกาย

- ผู้ปฏิบัติงานทุกคนต้องแต่งกายเรียบร้อย และต้องสวมใส่ชุดยูนิฟอร์มประจำหน่วยงาน และสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลให้ครบถ้วนตามลักษณะงานที่ปฏิบัติ
- ผู้ปฏิบัติงานทุกคน ต้องแสดงบัตรประชาชนหรือบัตรที่หน่วยงานราชการออกให้ติดต่อขอแลกบัตรเพื่อเข้าปฏิบัติงาน 
- ต้องติดบัตรพนักงาน หรือบัตรอนุญาตที่ DCAP ออกให้ไว้ที่อกเสื้อตลอดเวลาที่ปฏิบัติงานในพื้นที่ DCAP
- สวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลและดูแลให้มีสภาพพร้อมใช้งาน

### 2.2 ข้อปฏิบัติทั่วไป

- ผู้ปฏิบัติงานทุกคน ต้องได้รับการอบรมด้านความปลอดภัยอาชีวอนามัย และสิ่งแวดล้อม และกฎระเบียบข้อบังคับต่างๆ ก่อนเริ่มปฏิบัติงาน
- กรณีผู้รับเหมาที่จะเข้ามาปฏิบัติงานในพื้นที่ DCAP ต้องแจ้งกำหนดวันที่เริ่มงาน ระยะเวลาในการเตรียมงาน รวมทั้งกำหนดเสร็จของงาน พร้อมแจ้งชื่อพนักงานที่จะเข้ามาทำงาน ให้ผู้ควบคุมงานของ DCAP ทราบก่อนเริ่มงานอย่างน้อย 3 วัน
- ต้องจัดให้มีเจ้าหน้าที่ความปลอดภัยในการทำงานระดับต่างๆ และทำหน้าที่ตามที่กฎกระทรวงกำหนดมาตรฐานในการบริหารและการจัดการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน
- ต้องจัดให้มีอุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล ให้กับผู้ปฏิบัติงานของตนไม่น้อยกว่าที่กำหนดในกฎหมาย และครอบคลุมตามลักษณะงาน



และจะต้องดูแลให้มีการสวมใส่อุปกรณ์ดังกล่าว ตลอดเวลาที่ปฏิบัติงานในพื้นที่ DCAP

- ต้องดำเนินการขออนุญาตเข้าปฏิบัติงาน (Work Permit) ก่อนทุกครั้งและทุกวันที่มีการปฏิบัติงาน
- ต้องประเมินความเสี่ยงของงานที่ปฏิบัติทุกครั้งก่อน การปฏิบัติงาน โดยเฉพาะงานที่มีความเสี่ยง เช่น งาน เกี่ยวกับอุปกรณ์ไฟฟ้าแรงสูง งานในสถานที่สูง งานในที่อับอากาศ เป็นต้น
- ต้องปฏิบัติตามกฎหมายด้านความปลอดภัย กฎระเบียบ ข้อบังคับอย่างเคร่งครัด
- ต้องจัดให้มีป้ายแสดงแนวเขตปฏิบัติงาน เชือกกันพื้นที่ ป้ายเตือนอันตราย และป้ายสัญลักษณ์ความปลอดภัยต่างๆ ในพื้นที่การปฏิบัติงาน
- กรณีที่ทำงานเกี่ยวกับงานโครงการหรือการก่อสร้าง ต้องมีป้ายแสดง ชื่อโครงการ ผู้รับดำเนินการ ระยะเวลาการดำเนินงาน ชื่อและเบอร์ติดต่อ ของผู้ควบคุมงานหรือผู้ประสานงาน แสดงไว้ให้เห็นอย่างชัดเจน
- ต้องจัดหาเครื่องดับเพลิงแบบมือถือ (Rating 6A20B) ที่มีสภาพพร้อมใช้ ประจำจุดทำงานในกรณีที่ทำงานเกี่ยวกับความร้อนหรือประกายไฟ
- ห้ามมิให้บุคคลที่มีอายุต่ำกว่า 18 ปีบริบูรณ์เข้าปฏิบัติงานในพื้นที่ DCAP และในกรณีที่ผู้ปฏิบัติงานไม่ใช่คนไทยจะต้องมีใบอนุญาตทำงานตามกฎหมายเท่านั้น
- กรณีมีเหตุจำเป็นที่จะต้องปฏิบัติงานในช่วงวันหยุด และ/หรือนอกเวลา ทำการต้องได้รับอนุญาตจากผู้มีอำนาจของ DCAP ก่อนและจะต้องมี พนักงาน DCAP หรือผู้ปฏิบัติงาน คกบผ. (ที่ DCAP มอบหมาย) ควบคุม งานตลอดเวลาที่ปฏิบัติงาน





- ต้องดูแลรักษาบริเวณพื้นที่ทำงานให้เป็นระเบียบและปลอดภัยโดยต้องทำความสะอาดทุกครั้งหลังเลิกงานของทุกวัน

### 2.3 การสูบบุหรี่

- ห้ามสูบบุหรี่ในพื้นที่โรงไฟฟ้าและหน่วยผลิตน้ำเย็น ของ DCAP ยกเว้นสถานที่จัดไว้เฉพาะให้สูบบุหรี่เท่านั้น

### 2.4 การผ่านเข้า – ออกพื้นที่

- การเข้า - ออกเพื่อปฏิบัติงานในพื้นที่ DCAP ต้องใช้ประตูและเส้นทางที่กำหนดให้เท่านั้น
- ผู้ปฏิบัติงาน ต้องให้ความร่วมมือกับเจ้าหน้าที่รักษาความปลอดภัยในการตรวจค้นยานพาหนะ วัสดุอุปกรณ์และเครื่องจักรที่นำมารวมถึงการตรวจค้นร่างกาย ในกรณีที่มีความจำเป็น

### 2.5 การขับขีรถ

- รถยนต์และจักรยานยนต์ ที่จะผ่านเข้า- ออกพื้นที่ DCAP ทุกคันจะต้องผ่านการตรวจสอบตามมาตรการรักษาความปลอดภัย
- ผู้ขับขี่ต้องมีใบอนุญาตขับขีรถยนต์ถูกต้องตามประเภทรถที่กฎหมายกำหนด
- ต้องแสดงบัตรอนุญาตผ่านรถยนต์ไว้ที่ด้านหน้าของรถให้เห็นได้ชัดเจน
- ขับขีรถยนต์และจักรยานยนต์ภายในพื้นที่ DCAP ความเร็วไม่เกิน 30 กิโลเมตรต่อชั่วโมง และขับขีรถในเส้นทางที่กำหนดให้เท่านั้น
- รถยนต์และจักรยานยนต์ที่ได้รับอนุญาตให้เข้ามาในพื้นที่จะต้องจอดรถในบริเวณที่จัดให้เท่านั้นห้ามจอดกีดขวางการจราจรหรืออุปกรณ์ดับเพลิง





## 2.6 การนำสิ่งของ เข้า – ออก

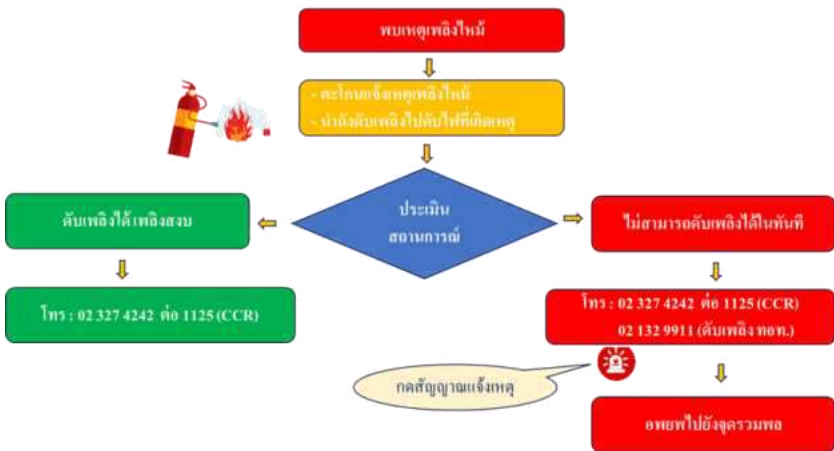
- การนำสิ่งของเข้า – ออก พื้นที่ DCAP สามารถดำเนินการได้เฉพาะในวันและเวลาทำการเท่านั้น โดยต้องกรอกรายละเอียดตามเอกสารแบบฟอร์มใบนำของเข้า – ออก (แล้วแต่กรณี) หากเป็นทรัพย์สินหรืองานในความรับผิดชอบของ DCAP ต้องได้รับอนุมัติโดยผู้จัดการส่วนของ DCAP ขึ้นไป
- วันหยุดและ/หรือนอกเวลาทำการ สามารถนำสิ่งของเข้า-ออก พื้นที่ DCAP ได้เฉพาะงานเกี่ยวข้องกับงานเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็นเท่านั้น โดยให้หัวหน้าหมวดเดินเครื่องเป็นผู้อนุมัติเท่านั้น
- หากตรวจพบสิ่งผิดกฎหมายที่ผู้ปฏิบัติงานนำเข้ามาในพื้นที่ DCAP จะดำเนินการตามกฎหมาย

## 2.7 การเตรียมการและการปฏิบัติเมื่อเกิดอุบัติเหตุ/เหตุฉุกเฉิน

- กรณีผู้รับเหมาที่เข้ามาปฏิบัติงานในพื้นที่ DCAP ต้องเตรียมแผนการอุปกรณ์ และยานพาหนะที่พร้อมสำหรับให้ความช่วยเหลือแก่ผู้ปฏิบัติงานของตนทันทีที่ได้รับอุบัติเหตุในระหว่างปฏิบัติงาน
- กรณีเกิดอุบัติเหตุ ต้องรายงานการเกิดอุบัติเหตุเกี่ยวกับผู้ปฏิบัติงานเครื่องจักร ตลอดจนยานพาหนะต่อผู้บังคับบัญชา หรือควบคุมงานของ DCAP หรือเจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ
- คู่มือรักษาเครื่องดับเพลิงให้มีสภาพพร้อมใช้งานและไม่วางสิ่งของกีดขวางทางเข้าถึงถังดับเพลิง ทางหนีไฟ ประตูและทางออกฉุกเฉิน
- เมื่อพบเหตุเพลิงไหม้ให้ควบคุมสติ และรีบแจ้งเหตุเพลิงไหม้ต่อผู้ควบคุมงาน หรือกดสัญญาณแจ้งเหตุที่ติดตั้งประจำพื้นที่
- เมื่อได้ยื่นสัญญาณแจ้งเหตุเพลิงไหม้หรือเหตุฉุกเฉิน ให้ผู้ปฏิบัติงานทุกคนรีบออกจากบริเวณที่ทำงานไปยังจุดรวมพลตามที่เจ้าหน้าที่ประกาศแจ้งและนับจำนวนผู้ปฏิบัติงานในสังกัดของตน พร้อมแจ้งผลการตรวจนับผู้ปฏิบัติงานงานให้ DCAP ทราบทันที



### ขั้นตอนการปฏิบัติเมื่อพบเหตุเพลิงไหม้



### จุดรวมพลใน DCAP ดังนี้

- 1) **จุดที่ 1** หน้าอาคารสำนักงาน DCAP
- 2) **จุดที่ 2** หน้าอาคารสำนักงานโครงการเดินเครื่องและบำรุงรักษา กฟผ.
- 3) **จุดที่ 3** หน้าอาคารรักษาความปลอดภัย





### แบบปฏิบัติในกรณีเกิดเหตุเพลิงไหม้





## 2.8 ข้อห้ามอื่น ๆ

- ห้ามพกพาอาวุธปืน สิ่งเสพติดหรือสิ่งผิดกฎหมายทุกชนิดเข้ามาในพื้นที่ DCAP
- ห้ามใช้หรือเก็บสารที่มีพิษหรือสารไวไฟภายในพื้นที่ DCAP โดยเด็ดขาดเว้นแต่ได้รับอนุญาต  
- ห้ามเล่นการพนัน ห้ามทะเลาะวิวาท ชกต่อยหรือดื่มเครื่องดื่มแอลกอฮอล์ทุกประเภทภายในพื้นที่ DCAP โดยเด็ดขาด
- ห้ามเข้าบริเวณที่ควบคุมหรือพื้นที่ห้ามเข้าก่อนได้รับอนุญาต
- ห้ามต่อเติมดัดแปลงระบบไฟฟ้าต่างๆ ก่อนได้รับอนุญาต
- ห้ามถ่ายหรือบันทึกภาพภายใน DCAP เว้นแต่ได้รับอนุญาต
- ห้ามใช้อุปกรณ์หรือน้ำดับเพลิงในงานอื่นที่นอกเหนือจากงานดับเพลิง เว้นแต่ได้รับอนุญาตจากผู้ควบคุมงานหรือเจ้าหน้าที่ความปลอดภัย
- ห้ามจุดไฟ หรือสูบบุหรี่หรือทำงานที่ก่อให้เกิดประกายไฟหรือความร้อนในบริเวณที่มีป้าย “ระวังสารไวไฟ” หรือ “ห้ามก่อให้เกิดประกายไฟ”
- ห้ามผู้ปฏิบัติงานทำการใดๆ ซึ่งอาจเป็นอันตรายต่อสุขภาพและความปลอดภัยของตนเอง บุคคลอื่น และส่วนรวม

**พื้นที่ควบคุม** หมายถึง พื้นที่กระบวนการที่เกี่ยวข้องกับหน่วยผลิตไฟฟ้าและน้ำเย็นของ DCAP

**งานที่ต้องปฏิบัติงานในพื้นที่คาบเกี่ยวที่อยู่นอกพื้นที่ DCAP** เช่น จุดจ่ายและรับน้ำเย็น ใอน้ำของอาคารต่างๆ ท่อส่งน้ำเย็น ใอน้ำ ท่อร้อยสายไฟฟ้าฯ ภายในท่าอากาศยานสุวรรณภูมิ ให้ผู้รับเหมาถือปฏิบัติตามกฎความปลอดภัยของเจ้าของพื้นที่นั้นๆ (หากมี) เป็นการเพิ่มเติมอย่างเคร่งครัด



### 3. ข้อปฏิบัติด้านความปลอดภัยเฉพาะงาน

#### 3.1 อุปกรณ์ป้องกันอันตรายส่วนบุคคล

**อุปกรณ์ป้องกันอันตรายส่วนบุคคล (Personal Protective Equipment : PPE)** หมายถึง อุปกรณ์สำหรับผู้ปฏิบัติงานที่นำมาสวมใส่ส่วนใดส่วนหนึ่งหรือหลายส่วนขณะปฏิบัติงาน เพื่อป้องกันอวัยวะส่วนนั้นๆ ของร่างกายไม่ได้รับอันตรายที่อาจจะเกิดขึ้นอันเนื่องมาจากสภาพแวดล้อมในการทำงาน

- ต้องสวมใส่ PPE ตลอดเวลาที่เข้าไปปฏิบัติงานหรือเข้าในเขตพื้นที่บังคับใช้ PPE
- ห้ามใช้อุปกรณ์ PPE ที่ชำรุด หมดอายุหรือมีสภาพไม่พร้อมใช้งาน
- ต้องศึกษาทำความเข้าใจการใช้งาน และตรวจสอบสภาพความพร้อมของอุปกรณ์ PPE ทุกครั้งก่อนเริ่มใช้งาน
- เลือกชนิดและประเภทของอุปกรณ์ PPE ให้เหมาะสมกับลักษณะงานและความเสี่ยง โดยอุปกรณ์ PPE ต้องได้มาตรฐานผลิตภัณฑ์อุตสาหกรรม (มอก.) หรือมาตรฐานสากลที่เป็นที่ยอมรับตามกฎหมายกำหนด

#### มาตรฐานอุปกรณ์ป้องกันอันตรายส่วนบุคคล (PPE) ที่กฎหมายไทยยอมรับ

- ❖ มาตรฐานผลิตภัณฑ์อุตสาหกรรม (มอก.หรือTIS)
- ❖ มาตรฐานขององค์การมาตรฐานสากล (International Standardization and Organization : ISO)
- ❖ มาตรฐานสหภาพยุโรป (European Standards :EN หรือ CE)
- ❖ มาตรฐานประเทศออสเตรเลียและประเทศนิวซีแลนด์ (Australia Standards/New Zealand Standards : AS/NZS)
- ❖ มาตรฐานสถาบันมาตรฐานแห่งชาติประเทศสหรัฐอเมริกา (American National Standards Institute: ANSI)
- ❖ มาตรฐานอุตสาหกรรมประเทศญี่ปุ่น (Japanese Industrial Standards :JIS)
- ❖ มาตรฐานสถาบันความปลอดภัยและอนามัยในการทำงานแห่งชาติประเทศสหรัฐอเมริกา (The national Institute for Occupational Safety and Health : NIOSH)
- ❖ มาตรฐานสำนักงานบริหารความปลอดภัยและอาชีวอนามัยแห่งชาติ กรมแรงงาน ประเทศสหรัฐอเมริกา (Occupational Safety and Health Administration : OSHA)
- ❖ มาตรฐานสมาคมป้องกันอัคคีภัยแห่งชาติสหรัฐอเมริกา (National Fire Protection Association: NFPA)



## ตัวอย่างอุปกรณ์ PPE และประโยชน์การใช้งาน



**หมวกนิรภัย**  
(Safety Helmet)

เป็นอุปกรณ์ที่ใช้สวมศีรษะเพื่อป้องกันสิ่งของตกกระทบกะแทก เจาะทะลุศีรษะ ป้องกันไฟฟ้า



**รองเท้านิรภัย**  
(Safety Shoes)

ใช้สวมเท้าเพื่อป้องกันอุบัติเหตุที่อาจเกิดขึ้นกับเท้า เช่น วัสดุเจาะทะลุ ฝ่าเท้า กันลื่น ทนทานต่อสารเคมี น้ำมัน ความร้อน ไฟฟ้า



**ถุงมือ (Gloves)**

ใช้สวมมือและแขน เพื่อป้องกันการสัมผัสกับสารเคมีที่ทำให้ผิวหนังระคายเคือง ป้องกันของมีคมบาด ความร้อน ไฟฟ้า การสั่นสะเทือน



**แว่นตานิรภัย**  
(Safety Goggles)

เป็นอุปกรณ์ป้องกันอันตรายที่อาจเกิดขึ้นกับดวงตา และใบหน้า



**กระบังหน้านิรภัย**  
(Face Shield)

เป็นอุปกรณ์ป้องกันอันตราย ที่อาจเกิดขึ้นกับดวงตาและใบหน้า เช่น ความร้อน สะเก็ดจากงานเชื่อม



**อุปกรณ์ป้องกันระบบการได้ยิน**  
(Hearing Protection)

ใช้ป้องกันอันตรายที่อาจเกิดกับระบบการได้ยิน ทำหน้าที่ลดระดับเสียงที่ตั้งเกินมาตรฐานให้อยู่ในระดับที่ปลอดภัย



**อุปกรณ์ป้องกันระบบทางเดินหายใจ**  
(Respiratory Protection)

ใช้ป้องกันอันตรายต่อระบบทางเดินหายใจ เช่น ป้องกันฝุ่นละออง โลหะ ไอระเหยของก๊าซ และสารเคมี



**ชุดป้องกันสารเคมี**  
(Protective Clothing)

ใช้สวมใส่เพื่อป้องกันสารเคมี น้ำมัน สารปนเปื้อนงานพ่นสีไม่ให้สัมผัสกับร่างกายโดยตรง



**ชุดดับเพลิง**  
(Fire Fighting Suit)

ใช้สวมใส่เพื่อป้องกันเปลวไฟรังสีความร้อน สะเก็ดไฟ ป้องกันการลุกไหม้ของเปลวไฟและสะท้อนรังสีความร้อน



**อุปกรณ์ป้องกันการตกจากที่สูง**  
(Fall Protection)

ใช้สวมใส่เพื่อป้องกันการตกจากการทำงานบนที่สูงเป็นเชือกนิรภัย พร้อมตะขอคล้องสามารถรับน้ำหนักตามปกติ



## ตัวอย่างการสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล

ลักษณะงาน	อุปกรณ์ป้องกันอันตรายส่วนบุคคลที่จำเป็นต้องสวมใส่
งานซ่อมบำรุง	  
งานชุดเจาะ	   
งานติดตั้งนั่งร้าน	  
งานในที่อับอากาศ	 
งานเปลี่ยน Insulation	  
งานตัด เชื่อม	   
งานบนที่สูง	  
งานเกี่ยวกับสารเคมี	    



### 3.2 การขออนุญาตเข้าปฏิบัติงาน (Work Permit)

- ผู้ปฏิบัติงาน ต้องแจ้งขออนุญาตก่อนเข้าปฏิบัติงานในพื้นที่โรงไฟฟ้าและหน่วยผลิตน้ำเย็น DCAP ทุกครั้ง โดยแนบใบสนองจ้างหรือแผนการปฏิบัติงานพร้อมกับแบบฟอร์มใบขออนุญาตเข้าปฏิบัติงาน (Work Permit) เพื่อขออนุญาตเข้าปฏิบัติงานกับผู้อนุญาตหรือเจ้าของพื้นที่ ตามแต่กรณี
- ต้องกำหนดขอบเขตของงานให้ชัดเจน ชี้บ่งอันตรายและประเมินความเสี่ยง พร้อมกำหนดมาตรการควบคุมและป้องกันที่เหมาะสมก่อนเริ่มปฏิบัติงานทุกครั้ง
- ตรวจสอบสภาพพื้นที่ เครื่องมือ เครื่องจักร อุปกรณ์ให้ปลอดภัยทั้งก่อนระหว่างและหลังปฏิบัติงานทุกครั้ง
- เมื่อปฏิบัติงานแล้วเสร็จ ผู้ขออนุญาตเข้าปฏิบัติงานต้องแจ้งปิดงานโดยนำใบขออนุญาตเข้าปฏิบัติงาน มาแจ้งปิดกับ ผู้อนุญาตเพื่อตรวจสอบและลงนามในใบงาน
- กรณีที่ปฏิบัติงานไม่แล้วเสร็จภายใน 1 วัน ให้แจ้งปิดงานและขออนุญาตเข้าทำงาน (Work Permit) ใหม่ในวันถัดไป
- งานที่ทำให้เกิดความร้อนหรือมีประกายไฟเมื่อปฏิบัติงานแล้วเสร็จให้มีการตรวจสอบพื้นที่ปฏิบัติงานหลังงานแล้วเสร็จต่อเนื่องครบ 3 ชั่วโมง

**“ใบขออนุญาตปฏิบัติงาน 1 ใบ ใช้สำหรับ 1 งานต่อ 1 วัน เท่านั้น”**



### 3.3 การปฏิบัติงานในที่อับอากาศ

- **ผู้ปฏิบัติงาน** ต้องขออนุญาตปฏิบัติงานในที่อับอากาศทุกครั้งก่อนปฏิบัติงาน
- ผู้ปฏิบัติงานต้องผ่านการฝึกอบรม (**ผู้ควบคุม ผู้ช่วยเหลือ และ ผู้ปฏิบัติงาน**) และต้องแสดงผลการตรวจสอบสุขภาพตามที่กฎหมายกำหนด
- ไม่อนุญาตให้ผู้ที่เป็โรคเกี่ยวกับทางเดินหายใจ โรคหัวใจ เข้าปฏิบัติงานในที่อับอากาศ
- ต้องตัดแยกแหล่งพลังงานทั้งหมดที่เชื่อมต่อกับที่อับอากาศ ก่อนเริ่มปฏิบัติงาน
- ห้ามสูบบุหรี่หรือพกพาอุปกรณ์สำหรับจุดไฟหรือติดไฟไว้ที่บริเวณทางเข้า - ออกที่อับอากาศ

- ต้องตรวจวัดและบันทึกผลการตรวจวัดก๊าซออกซิเจน ก๊าซไวไฟ ก๊าซพิษอื่นๆ **ก่อนที่**



**จะเริ่มงาน และระหว่างปฏิบัติงาน** เพื่อเฝ้าระวังพร้อมทั้งบันทึกผล

- ในขณะที่ปฏิบัติงานต้องมีการระบายอากาศภายในที่อับอากาศอย่างต่อเนื่อง
- อุปกรณ์ตรวจวัดต้องได้รับการสอบเทียบตามกำหนด
- ต้องมีผู้คอยเฝ้าระวังที่ทางเข้า-ออก พร้อมบันทึกรายชื่อผู้เข้า-ออก
- มีการจัดเตรียมเครื่องดับเพลิงที่เพียงพอและมีแผนรองรับเหตุฉุกเฉิน

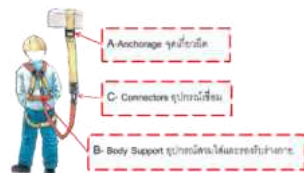
คำจำกัดความของ **"ที่อับอากาศ"**





### 3.4 การปฏิบัติงานบนที่สูง

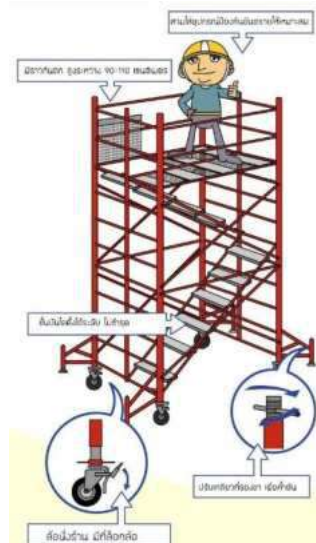
- การปฏิบัติงานซึ่งมีความสูงเกิน 2 เมตรขึ้นไป ต้องจัดให้มีนั่งร้านที่มั่นคง แข็งแรงและสามารถรับน้ำหนักบรรทุกทุกได้ไม่น้อยกว่าสองเท่าของน้ำหนักการใช้งาน
- การปฏิบัติงานบนพื้นที่สูงเกิน 4 เมตรขึ้นไป ต้องจัดให้มีเข็มขัดนิรภัยและสายช่วยชีวิต ตลอดเวลาที่มีการปฏิบัติงานและจัดทำที่ยึดสายช่วยชีวิตไว้กับส่วนหนึ่งส่วนใดของอาคารหรือโครงสร้างและต้องตรวจสอบความพร้อมของเข็มขัดนิรภัย ทุกครั้งก่อนใช้งาน
- ผู้ปฏิบัติงานจะต้องผ่านการฝึกอบรมที่สูงก่อนเริ่มปฏิบัติงาน
- ผู้ปฏิบัติงาน ต้องตรวจสอบพื้นที่ปฏิบัติงานทุกครั้งก่อนเริ่มปฏิบัติงาน
  - ห้าม จัดวางสิ่งของกีดขวางทางเดินตลอดจนทางขึ้น – ลง
  - ห้าม ผู้ปฏิบัติงานบนที่สูงปฏิบัติอยู่เพียงลำพังอย่างน้อยต้องมีผู้ปฏิบัติงานร่วมกัน 2 คน
  - ห้าม โยนวัสดุ สิ่งของ เครื่องมือ ขึ้น – ลง โดยเด็ดขาดให้ใช้เชือกหรือใส่ภาชนะที่มั่นคงแข็งแรงและผูกเชือกหย่อนลงมา
  - ห้าม ทำงานบนที่สูงภายนอกอาคารหรือภายนอกโครงสร้างหรืองานนั่งร้านแขวนหรือนั่งร้านแบบกระเช้าขณะฝนตก หรือลมแรงและในกรณีที่มีเหตุดังกล่าวให้รีบนำนั่งร้านลงสู่พื้นดิน
  - กันเขตพื้นที่ปฏิบัติงานไม่ให้บุคคลภายนอกเดินผ่าน
- การปฏิบัติงานบนที่สูงจะต้องมีป้ายประกาศเตือน และต้องกันเขตพื้นที่ทำงานไม่ให้บุคคลภายนอกเดินผ่าน





### 3.5 การปฏิบัติงานติดตั้ง - รื้อถอนนั่งร้าน

- ต้องขออนุญาตก่อนเข้าปฏิบัติงานติดตั้ง - รื้อถอนนั่งร้าน และสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลให้ครบถ้วนและตลอดเวลาที่ปฏิบัติงาน
- นั่งร้านต้องมีราวกันตกที่มีความสูง 90 - 110 cm จากพื้นนั่งร้านตลอดแนว ยาวด้านนอกของพื้นนั่งร้าน และมีแผ่นกันส้นเท้าสูง 10 - 15 cm และต้องจัดให้มีพื้นที่นั่งร้านติดต่อกันมีความกว้างไม่น้อยกว่า 35 cm ยึดติดกับคานรับให้แน่น
- การรับส่งอุปกรณ์นั่งร้านผู้ที่ยืนอยู่จะต้องอยู่บนแผ่นรองรับที่มีความแข็งแรง และมีขนาดความกว้างเพียงพอ **ห้าม** ยืนบนท่อนั่งร้านโดยเด็ดขาด
- เมื่อติดตั้งนั่งร้านแล้วเสร็จให้ตรวจเช็คสภาพนั่งร้าน และต้องได้รับการตรวจรับรองโดยวิศวกร หรือเจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ พร้อมแขวนป้าย (TAG) แสดงผลการตรวจสอบที่นั้งร้าน
- **ห้าม** พิงนั่งร้านติดหรือไถลกับหม้อแปลงไฟฟ้า
- ต้องติดป้ายชี้บ่งสถานะของนั่งร้านคือ คือ **"อยู่ระหว่างติดตั้ง"** หรือ **"อยู่ระหว่างรื้อถอน"** หรือ **"อยู่ระหว่างใช้งาน"** พร้อมระบุวันและเวลาในป้ายชี้บ่งสถานะ และติดให้เห็นได้ชัดเจน





### 3.6 การปฏิบัติงานเกี่ยวกับไฟฟ้า

- ผู้ปฏิบัติงาน ต้องศึกษาแบบระบบไฟฟ้าที่จะต้องเข้าปฏิบัติงานก่อนเข้าปฏิบัติงานทั้งในงานและส่วนที่อาจมีผลกระทบกับงานที่ปฏิบัติ
- การติดตั้ง ตรวจสอบหรือซ่อมแซมบริภัณฑ์ไฟฟ้า ต้องดำเนินการโดยบุคคลที่มีหน้าที่รับผิดชอบและก่อนปฏิบัติงานต้องตรวจสอบกระแสไฟฟ้าในบริเวณที่จะเข้าปฏิบัติงานก่อนทุกครั้ง เพื่อให้มั่นใจว่าบริเวณที่จะปฏิบัติงานหรืออุปกรณ์นั้นไม่มีกระแสไฟฟ้าอยู่หรือได้ทำการตัดระบบไฟฟ้าออกไปแล้วพร้อมแขวนป้ายพื้นสีแดง **“ห้ามสับสวิตช์”**
- ใช้ Key Lock ในกรณีที่ไม่มั่นใจว่ามีการตัดระบบไฟฟ้าออกแล้ว และไม่มีใครสามารถนำระบบไฟฟ้าเข้าใช้งานได้ในขณะที่มีการปฏิบัติงาน
- กำหนดขอบเขตพื้นที่ในการปฏิบัติงานและติดตั้งป้ายห้ามผู้ที่เกี่ยวข้องเข้าไปในพื้นที่ก่อนเสมอ
- ขณะปฏิบัติงานต้องแขวนป้ายแสดงสภาวะการปฏิบัติงานก่อนทุกครั้ง และปลดป้ายเมื่อปฏิบัติงานแล้วเสร็จ
- การเข้าปฏิบัติงานเกี่ยวกับระบบไฟฟ้าแรงดันสูงหรือแรงดันปานกลางควรมีอุปกรณ์ป้องกันและต้องระมัดระวังแรงดันเหนี่ยวนำ และจะต้องต่อสายดินก่อนทุกครั้ง
- **ห้าม** ใช้บันไดโลหะและวัสดุอื่นที่เป็นสื่อไฟฟ้าขณะปฏิบัติงานเกี่ยวกับไฟฟ้า
- อุปกรณ์ไฟฟ้าที่นำเข้ามาใช้งานต้องมีสภาพพร้อมใช้งานไม่ชำรุดและต้องได้รับการรับรองมาตรฐานผลิตภัณฑ์อุตสาหกรรม(มอก.) หรือมาตรฐานสากล







### 3.7 การล็อกและแขวนป้ายทะเบียน (Lock Out -Tag Out)

#### ขั้นตอนการทำ Log Out Tag Out (LOTO)

1. **ชี้บ่งอันตราย** ของเครื่องจักรหรืออุปกรณ์ที่จะทำการซ่อมบำรุงว่ามีอันตรายอะไรบ้างที่อาจจะเกิดขึ้น
2. **ปิดเครื่องจักรหรืออุปกรณ์** ซึ่งเครื่องจักรต้องอยู่ในลักษณะหยุดนิ่ง ไม่ก่อให้เกิดอันตรายต่อผู้ปฏิบัติงาน
3. **ตัดแยกพลังงาน** ของเครื่องจักร เช่น ปิดเบรกเกอร์ สวิตช์ วาล์วต่างๆ เป็นต้น
4. **ทำการล็อกโดยใช้กุญแจและทำป้ายเตือน** ซึ่งจะต้องติดกับตัวอุปกรณ์ที่ตัดแยกพลังงาน
5. **ตรวจสอบเครื่องจักร** หลังจากตัดแยกแหล่งพลังงานแล้ว ต้องพิจารณาว่าไม่มีพลังงานสะสมหรือคงเหลือภายในเครื่องจักรอุปกรณ์หรือกระบวนการผลิตนั้นๆ

#### ข้อควรระวังการใช้อุปกรณ์ Lock out

-  อุปกรณ์ Lockout ที่ใช้กับงานระบบไฟฟ้าจะต้องไม่ทำจากวัสดุที่เป็นสื่อ นำกระแสไฟ
-  อุปกรณ์ Lockout จะต้องมีความมาตรฐานรับรองอยู่ในสภาพพร้อมใช้งาน อย่างปลอดภัย
-  อุปกรณ์ Lockout จะต้องถูกประเภทตามลักษณะอุปกรณ์ที่ใช้งาน
-  ผู้ปฏิบัติงานกับ Lockout จะต้องผ่านการอบรมวิธีการใช้งานอย่างถูกวิธี

#### รายละเอียดที่ระบุบน Tag out อย่างน้อยดังต่อไปนี้

- ชื่อผู้ที่แขวน Tag out
- หน่วยงาน
- เบอร์ติดต่อหรือช่องทางติดต่อ
- คำเตือนห้ามปลดป้ายออกโดยไม่ได้รับอนุญาต



**“ห้ามปลด Lockout Tagout โดยไม่ได้รับอนุญาต”**



### 3.8 การปฏิบัติงานเกี่ยวกับบันจัน

- ผู้ปฏิบัติงาน ขับรถเครนและผู้ควบคุมท้ายเครน จะต้องผ่านการอบรมและตรวจร่างกายตามที่กำหนด
- ผู้ควบคุมบันจันและอุปกรณ์การยกต้องปฏิบัติตามสัญญาณที่ใช้ในการเคลื่อนย้ายวัสดุ
- การเริ่มยกขึ้นครั้งแรกควรยกอย่างช้าๆ และยกขึ้นเพียงเล็กน้อยเพื่อตรวจสอบความสมดุลและความสามารถในการยก กรณีที่วัสดุที่ยกหนักใกล้เคียงกับพิกัดกำหนดควรทดสอบการทำงานของหามล้อด้วย
- บันจันที่นำมาใช้งานต้องมีใบรับรองผลการทดสอบตามที่กฎหมายกำหนด

พิกัดน้ำหนัก	ระยะเวลาทดสอบ
บันจันที่ใช้ในงานอื่น ๆ	
ตั้งแต่ 1 ตัน แต่ไม่เกิน 3 ตัน	ทดสอบตามวาระทุก 1 ปี
มากกว่า 3 ตัน แต่ไม่เกิน 50 ตัน	ทดสอบตามวาระทุก 6 เดือน
มากกว่า 50 ตัน	ทดสอบตามวาระทุก 3 เดือน
บันจันที่ใช้ในงานก่อสร้าง	
ไม่เกิน 3 ตัน	ทดสอบตามวาระทุก 6 เดือน
มากกว่า 3 ตันขึ้นไป	ทดสอบตามวาระทุก 3 เดือน

- จัดทำป้ายบอกพิกัดน้ำหนักยกให้ตรงกับความสามารถในการยกสิ่งของอย่างปลอดภัย ติดไว้ที่รถยกเพื่อให้เห็นได้ชัดเจน และต้องไม่เกินขนาดพิกัดยกอย่างปลอดภัยของเครื่องยกนั้นๆ
- ปิดกั้นบริเวณและป้ายเตือน ห้ามผู้ไม่มีส่วนเกี่ยวข้องเข้าพื้นที่ขณะที่ทำการยก เคลื่อนย้ายวัสดุหรือสิ่งของและตรวจสอบเส้นทางการยกเคลื่อนย้าย ก่อนยกหรือเคลื่อนย้ายขึ้นงาน
- จัดให้มีสัญญาณเสียงหรือแสงไฟเตือนภัยในขณะทำงาน



### 3.9 การปฏิบัติงานเกี่ยวกับการใช้รถยก (Forklift)

- ผู้ขับชั้รถยก (Forklift) ต้องผ่านการฝึกอบรมเกี่ยวกับการใช้รถยกแต่ละประเภท
- ก่อนเริ่มงานควรตรวจสอบสภาพของรถยก (Forklift) และในกรณีพบความเสียหายให้แจ้งหัวหน้างานทันทีและห้ามใช้รถที่ผิดปกติหรือมีลักษณะที่ไม่ปลอดภัย
- คาดเข็มขัดนิรภัยทุกครั้งขณะที่ขับรถยก (Forklift)
- ปฏิบัติตามกฎหมายจราจรในการขับเคลื่อน (Forklift) แล้วใช้อัตราความเร็วตามกำหนด
- บีบแตรให้สัญญาณทุกครั้งเมื่อเลี้ยว ถอยหลัง ทางข้าม ประตูเข้า-ออกหรือมุมอับ
- เลือกใช้พาเลท (Pallet) ให้เหมาะสมกับของที่ต้องการยก
- ควรตั้งระยะความกว้างของงาให้เหมาะสม
- ต้องตรวจสอบสิ่งของที่บรรทุกอยู่บนพาเลท (Pallet) ให้อยู่ในสภาพที่มั่นคง
- เมื่อบรรทุกของและนำรถออก ควรให้งาอยู่ระดับสูงจากพื้นประมาณ 5 – 10 cm
- ติดป้ายบอกพิกัดน้ำหนักยก ไว้ที่รถยกเห็นได้ชัดเจนห้ามบรรทุกสิ่งของสูงหรือมีน้ำหนักของ เกินอัตรากำลังของรถ ตามรุ่นที่ระบุไว้
- ให้มีสัญญาณเสียงหรือแสงไฟเตือนภัยในขณะทำงาน
- การจอดรถยกต้องลดงาลงต่ำสุด ดึงห้ามล้อมือ ดับเครื่องยนต์แล้วดึงกุญแจออก



### 3.10 การปฏิบัติงานเกี่ยวกับสารเคมี

- ผู้ปฏิบัติงานเกี่ยวกับสารเคมีต้องได้รับการอบรมความรู้ถึงคุณสมบัติ อันตราย ความปลอดภัยเกี่ยวกับการเคมีก่อนปฏิบัติงาน
- ต้องสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล (PPE) ให้เหมาะสมต่อสภาพ การแพร่กระจายและฤทธิ์ของสารเคมี
- ต้องจัดให้มีป้ายบ่งชี้ ชนิด ประเภท และวิธีการปฏิบัติงานกรณีสัมผัสสารเคมี
- ต้องจัดเตรียมอุปกรณ์ วัสดุดูดซับ ไว้เพื่อรองรับการเกิดเหตุการณ์สารเคมีหกรั่วไหล อย่างเพียงพอ
- กรณีสารเคมีหก รั่วไหลต้องรายงานหัวหน้างานและกำจัดตามกฎหมาย
- กรณีที่สัมผัสสารเคมีควรรีบล้างออกทันทีโดยรีบไปที่อาบน้ำฉุกเฉิน (Safety Shower) หรือที่ล้างตาฉุกเฉิน (Eye Wash) และนำส่งโรงพยาบาลทันที
- ห้ามวางสารเคมีบนพื้นโดยตรง โดยภาชนะบรรจุสารเคมีต้องจัดวางในถาด หรือพื้นที่ที่ป้องกันการการหกรั่วไหล
- ต้องมีเอกสารข้อมูลความปลอดภัย (SDS) อยู่บริเวณที่สะดวกต่อการเรียกใช้ และสามารถอ่านหรือค้นหาได้อย่างสะดวก
- ห้าม รับประทานอาหาร ดื่มน้ำขณะปฏิบัติงานเกี่ยวกับสารเคมี

สัญลักษณ์สำหรับอุปกรณ์และท่อที่มีของไหลในสถานะของเหลวหรือแก๊ส

	ท่อกรด (Hydrochloric Acid : HCl)		ท่อน้ำประปา
	ท่อด่าง (Sodium Hydroxide : NaOH)		ท่อน้ำมันดีเซล
	ท่อก๊าซธรรมชาติ		ท่อน้ำดับเพลิง



## การขนส่งสารเคมี

- พนักงานขับรถขนส่งสารเคมี ต้องผ่านการอบรมหลักสูตรความปลอดภัยในการขนส่งสารเคมี และวิธีการขั้นตอนในการโต้ตอบกรณีฉุกเฉิน
- ต้องมีใบอนุญาตประกอบการขนส่ง และมีใบอนุญาตในการขับขี่
- รถขนส่งสารเคมีต้องตรวจสอบสภาพเป็นประจำ
- ต้องมีเครื่องมือเครื่องใช้ที่จำเป็นสำหรับป้องกันอันตรายเมื่อมีอุบัติเหตุหรือเหตุฉุกเฉินเกิดขึ้น
- ต้องมีเอกสารข้อมูลความปลอดภัยของสารเคมีที่ขนส่ง SDS
- หลีกเลี่ยงการขนส่งสารเคมีในช่วงเวลาเร่งด่วน และขับรถตามความเร็วที่กำหนด

### 3.11 การปฏิบัติงานเกี่ยวกับฉนวน (Insulation)

- ต้องจัดให้มีการป้องกันการฟุ้งกระจายของฉนวน
- ผู้ปฏิบัติงาน ต้องสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล เช่น ชุดคลุมทั้งตัว ถุงมือ ที่ครอบคลุมชนิดที่สามารถป้องกัน Insulation ได้
- ต้องจัดเก็บเศษฉนวนใส่ถุงให้เรียบร้อยเพื่อป้องกันการฟุ้งกระจาย พร้อมติดป้ายบ่งชี้
- ภายหลังปฏิบัติงานเสร็จ ต้องทำความสะอาดพื้นที่บริเวณปฏิบัติงาน

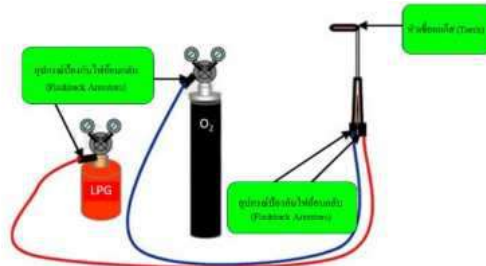
### 3.12 การปฏิบัติงานเกี่ยวกับงานตัด งานเชื่อม

#### งานเชื่อมแก๊ส

- ต้องเก็บถังแก๊สภายใต้ความดัน ในลักษณะตั้งตรงมีสายรัดหรือโซ่ซึ่งรัดให้มั่นคง มีเกวียดความดัน มีวาล์วนิรภัยและมีสภาพที่แข็งแรง
- ถังบรรจุแก๊สต้องมีมาตรวัดเพื่อควบคุมความดันของแก๊สที่ถึงขณะใช้งาน มาตรวัดความดันต้องอยู่ในสภาพดี
- หัวเชื่อมและท่อนำแก๊สต้องอยู่ในสภาพดีและปลอดภัย
- ต้องติดป้ายแสดงประเภท และสถานะของถังแก๊สที่นำมาใช้งาน



- ถังก๊าซทุกใบต้องวางห่างจากจุดที่มีประกายไฟอย่างน้อย 3 เมตร
- ให้มีอุปกรณ์ป้องกันเปลวไฟย้อนกลับ (Flash back arrester) ติดตั้งไว้ครบทั้ง 4 ตำแหน่ง คือ ด้านหัวถัง และด้านหัวตัดหรือหัวเชื่อม ทั้งด้านแก๊สและออกซิเจน



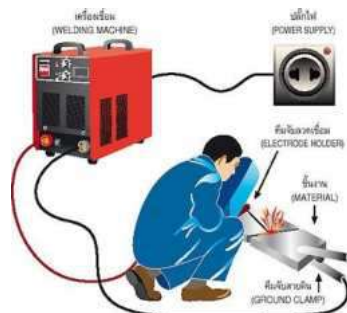
- ต้องจัดให้มีอุปกรณ์ดับเพลิงที่พร้อมใช้งานไว้ในบริเวณที่ทำการเชื่อมและตัดทุกครั้งขณะปฏิบัติงาน โดยมีขนาด Rating ไม่ต่ำกว่า 6A20B
- ห้ามเชื่อมบริเวณที่มีสารไวไฟ หรือเชื้อเพลิงที่อาจลุกไหม้ได้
- ห้ามใช้ไฟแช็คจุดหัวเชื่อมหรือหัวตัดห้ามแขวนหัวเชื่อมบนอุปกรณ์ปรับความดัน
- ห้ามเชื่อมงานในที่อับอากาศ เว้นแต่ได้จัดให้มีการระบายอากาศที่ถูกต้อง
- ห้ามซ่อมท่อวาล์ว หรืออุปกรณ์ปรับความดันของถังแก๊ส ถ้าหากชำรุดให้เปลี่ยนใหม่ทันที
- ถังก๊าซและถังลมทุกถังที่นำเข้ามาใช้งานต้องมีฝาปิด (CAP) ตรงหัวถังแก๊ส ป้องกันการกระแทกของ Valve หัวถัง
- การเชื่อมตัดด้วยแก๊สบนที่สูงต้องมีผ้ากันไฟรองป้องกันสะเก็ดไฟตกลงมาด้านล่างและป้องกันการกระเด็นของสะเก็ดไฟไปยังด้านล่าง
- ต้องมีอุปกรณ์ป้องกันการกระเด็นของสะเก็ดไฟจากการเชื่อมไปยังจุดอื่น ๆ ขณะปฏิบัติงาน
- การเคลื่อนย้ายถังบรรจุก๊าซ **ห้ามกลิ้งหรือลากถัง** ให้ใช้รถเข็นที่มีโซ่คล้อง





## งานเชื่อมไฟฟ้า

- ต้องจัดให้มีอุปกรณ์ดับเพลิงที่พร้อมใช้งานไว้ในบริเวณที่ทำการเชื่อมและตัดทุกครั้งขณะปฏิบัติงาน โดยมีขนาด Rating ไม่ต่ำกว่า 6A20B
- ในพื้นที่ที่มีวัสดุที่อาจติดไฟได้ ต้องใช้ฉากกันหรือผ้ากันไฟ เพื่อป้องกันสะเก็ดไฟกระเด็น
- **ห้าม** ใช้ลวดทองแดง หรือสายไฟแทนพิวสที่ตู้เชื่อมอย่างเด็ดขาด
- **ห้าม** ปรับอัตรากระแสไฟฟ้าของผู้เชื่อมขณะที่กำลังเชื่อมอยู่
- หัวจับลวดเชื่อมต้องมีฉนวนหุ้ม
- สายเชื่อมและสายดินต้องต่อมาจากเครื่องเชื่อม และใกล้กับชิ้นงานที่จะเชื่อมมากที่สุด
- เมื่อไม่ได้ทำงานเชื่อม **ห้าม** วางหัวเชื่อมบนพื้น แต่ให้แขวนหรือจัดเก็บให้เรียบร้อย
- ขณะทำงานเชื่อมต้องหลีกเลี่ยงการสูดควันหรือฟุ้งที่ลอยขึ้นมา ถ้าเลี่ยงไม่ได้ ต้องสวมหน้ากากป้องกันหรือระบายอากาศเฉพาะจุด
- ขณะเคาะสะเก็ดเหล็ก (สารคลุมแนวเชื่อม) ต้องสวมอุปกรณ์ป้องกันกระเด็นเข้าตาและระวังโดนผู้ปฏิบัติงานบริเวณใกล้เคียง
- ขณะปฏิบัติงานในที่โล่งแจ้งและมีฝนตกต้องหยุดปฏิบัติงาน เพราะอาจเกิดไฟรั่วหรือช็อต
- สายเชื่อมที่ต่อมาจากเครื่องเชื่อมต้องอยู่ในสภาพดี ข้อต่อสายต้องแน่น และหุ้มฉนวนให้เรียบร้อย
- กรณีตู้เชื่อมชำรุด ห้ามซ่อมเอง ต้องให้ผู้รับผิดชอบทำการซ่อม
- เมื่อเลิกงานต้องดับสวิตซ์ไฟฟ้าที่จ่ายไฟไปยังตู้เชื่อม





### 3.13 การปฏิบัติงานเกี่ยวกับเครื่องจักร

- ห้ามตัดท่อ เปิดปั๊ม และเครื่องอัดอากาศ หรืออุปกรณ์อื่นใด ยกเว้นได้รับใบอนุญาตจากผู้มีอำนาจของ DCAP และการปฏิบัติงานจะต้องเป็นไปตามเงื่อนไขให้ทำงานที่ระบุไว้
- เครื่องจักรต่างๆ ที่ใช้งานจะต้องมีฝาครอบและส่วนปิดคลุมเครื่องส่งกำลัง เช่น โซ่ เกียร์ ส่วนที่หมุน เพื่อป้องกันอุบัติเหตุที่เกิดจากการหนีบ บีบ และส่วนแหลมคมของเครื่องมือ ในขณะที่เครื่องจักรกำลังทำงาน
- เครื่องจักรใช้ได้เฉพาะคนที่มีหน้าที่เท่านั้น และต้องผ่านการอบรมการใช้เครื่องจักรอย่างถูกต้อง

### 3.14 การปฏิบัติงานขุด

- ห้ามทำการขุดหรือตอกดินใดๆ จนกว่าจะได้ตรวจสอบรายละเอียดตามที่กำหนดไว้แล้ว และได้รับอนุญาตให้ดำเนินการได้
- บริเวณที่จะทำการขุดหรือตอก จะต้องได้รับการตรวจสอบยืนยัน ให้ตรงกับตำแหน่งที่ระบุไว้ในใบอนุญาต และต้องตรวจสอบให้แน่ใจว่าไม่มีสภาพหรือแนวโน้มที่จะเกิดอันตรายใดๆ กับผู้ปฏิบัติงานขุดหรือตอก



### 3.15 การยกสิ่งของอย่างปลอดภัย

**1. ยืนใกล้สิ่งของ:** ยืนใกล้กับของที่ต้องการยก วางเท้าข้างใดข้างหนึ่งอยู่ข้างของที่จะยก และทำอีกข้างวางไว้หลังตัวเองเล็กน้อยป้องกันการเสียสมดุลของร่างกายขณะยกของ

**2. งอเข่าหลังตรง:** ขณะยกของย่อเข่าลง ลำตัวตรงเพื่อให้น้ำหนักที่กดบนหมอนรองกระดูกสันหลังกระจายตัวเท่าๆ กัน

**3. จับวัตถุให้มั่นคง:** ใช้มือจับวัตถุให้มั่น ควรให้แขนชิดลำตัว ไม่กางแขนออก พยายามดึงวัตถุสิ่งของที่จะยกให้อยู่ชิดกับลำตัวมากที่สุดเพื่อให้น้ำหนักของวัตถุลงที่ต้นขาทั้งสองข้าง และเป็นการช่วยลดภาระของกล้ามเนื้อหลัง

**4. ตั้งศีรษะให้ตรง:** ตั้งศีรษะให้ตรงเป็นแนวเดียวกับกระดูกสันหลัง

**5. ใช้กล้ามเนื้อขาช่วยในการยกของ:** ยืดลำตัวขึ้นช้าๆ โดยใช้แรงกล้ามเนื้อขาค่อยๆ ดันตัวขึ้น การยกของควรใช้กล้ามเนื้อหลังให้ออกแรงน้อยที่สุด จะช่วยให้น้ำหนักของสิ่งของไปยังต้นขาทั้งสองข้างและลดภาระของกล้ามเนื้อหลัง



ทั้งนี้การยกของ ต้องคำนึงถึงอายุ เพศ และน้ำหนักของสิ่งของที่สามารถให้ลูกจ้างยกได้ตามที่กฎหมายกำหนด



\*ห้ามหญิงมีครรภ์ ยก แบก หาม โยง ลาก หรือเข็นของ ที่มีน้ำหนักเกิน 15 kg ตาม พ.ร.บ.คุ้มครองแรงงาน พ.ศ. 2541 หมวด 3 การใช้แรงงานหญิง



### 3.16 การใช้สีและสัญลักษณ์เครื่องหมายเพื่อความปลอดภัย

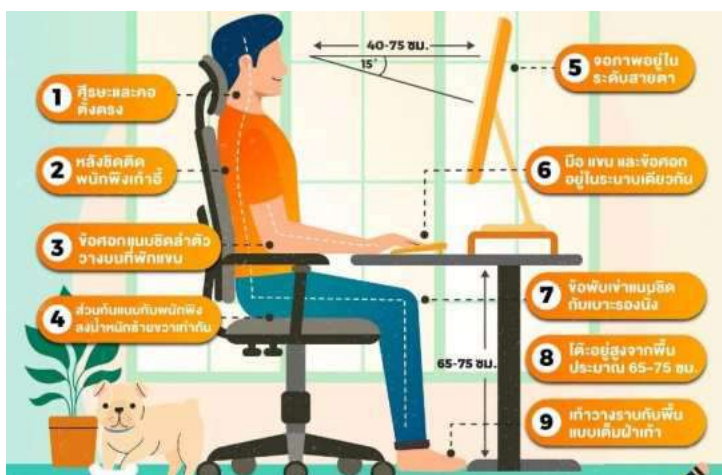
ตัวอย่างรูปแบบของเครื่องหมายเพื่อความปลอดภัย

สัญลักษณ์ความปลอดภัย			
สี	ความหมาย	รูปทรงเลขาคณิต	ตัวอย่างเครื่องหมาย
แดง ห้าม	หยุด ห้ามทำ ต้องไม่ทำ	 แถบวงกลม พร้อมแถบเฉียง	 ห้ามใช้รถยก  ห้ามใช้ไฟดับไฟ  ห้ามสูบบุหรี่ในที่นี้
ฟ้า บังคับ	ต้องทำ บังคับ ให้ปฏิบัติ	 วงกลม	 สวมหมวกนิรภัย  สวมรองเท้านิรภัย  สวมถุงมือนิรภัย
เหลือง เลื่อนเตือน	เตือน ระวัง มีอันตราย	 สามเหลี่ยม ด้านเท่า	 ไฟฟ้าแรงสูง  ระวังพื้นลื่น  ระวังอันตราย
เขียว สภาวะปลอดภัย	สภาวะ ปลอดภัย	 สี่เหลี่ยมผืนผ้า	 ปฐมพยาบาล  ทางหนีไฟ FIRE EXIT  โทรศัพท์ฉุกเฉิน
แดง เกี่ยวกับ อักคิภัย	อุปกรณ์ เกี่ยวกับ อักคิภัย	 สี่เหลี่ยมผืนผ้า	 บันไดหนีไฟ  สายดับเพลิง  จุดแจ้งเหตุเพลิงไหม้
การกำหนดเครื่องหมายเพื่อความปลอดภัย			
ให้ใช้แถบที่มีความกว้างขนาดเท่ากันเอียงทำมุม 45 องศา			
สี	ความหมาย		
	เครื่องหมายเพื่อความปลอดภัยที่แสดงพื้นที่อันตราย		
	เครื่องหมายเพื่อความปลอดภัยที่แสดงเขตหวงห้าม หรือพื้นที่เก็บอุปกรณ์ผจญเพลิง		
	เครื่องหมายเพื่อความปลอดภัยที่บังคับให้ปฏิบัติ		
	เครื่องหมายเพื่อความปลอดภัยที่แสดงสภาวะปลอดภัย		



### 3.17 หลักปฏิบัติเพื่อความปลอดภัยเกี่ยวกับคอมพิวเตอร์

- ปรับหน้าจอให้ขอบบนของหน้าจออยู่ในระดับสายตา และควรห่างจากตาประมาณ 45 -75 เซนติเมตร
- ปรับแสงสว่างให้เหมาะสมและสบายตา
- นั่งห่างจากหน้าจอประมาณ 1 ช่วงแขน
- จัดระดับเก้าอี้ให้เหมาะสม ให้สามารถวางเท้าราบกับพื้น เพื่อให้เกิดการถ่ายเท น้ำหนักที่สมดุล
- ข้อมือเหยียดตรงในแนวราบเสมอกับแขน เพื่อให้สามารถใช้คีย์บอร์ดและเมาส์ได้อย่างสบาย
- ให้แขนและข้อศอกอยู่ในตำแหน่งที่สบายและอยู่ใกล้กับลำตัว
- จัดวางหน้าจอและคีย์บอร์ดให้อยู่ตรงกลางด้านหน้า
- จัดวางอุปกรณ์ เครื่องมือต่างๆ บนโต๊ะทำงาน โดยวางเครื่องมือที่ใช้บ่อยๆ อยู่ใกล้ตัวเพื่อให้สามารถหยิบใช้ได้สะดวก
- เมื่อใช้คอมพิวเตอร์ติดต่อกันนานๆ ควรละสายตาออกไปที่อื่นหรือหลับตาเพื่อพักสายตา จะพริบตาบ่อยๆ เพื่อป้องกันตาแห้งและลูกเดินหรือยืดยืดเหยียดให้กล้ามเนื้อได้ผ่อนคลาย





### 3.18 การรายงานและสอบสวนอุบัติเหตุ

- ผู้ที่ประสบกับเหตุ หรือ ผู้พบเห็นเหตุการณ์ต้องแจ้งการเกิดอุบัติเหตุทันทีต่อหัวหน้างาน หรือเจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ
- ดำเนินการแก้ไขเบื้องต้น โดยเฉพาะอย่างยิ่งการช่วยเหลือผู้บาดเจ็บให้ได้รับการปฐมพยาบาลเบื้องต้น หรือจัดให้ได้รับความช่วยเหลือทางการแพทย์
- กันพื้นที่ห้ามผู้ที่ไม่มีส่วนเกี่ยวข้องเข้าไปในบริเวณเกิดเหตุ
- เขียนรายงานการประสบบุติเหตุภายใน 7 วันทำการนับจากวันเกิดเหตุต่อผู้บังคับบัญชาตามลำดับ
- จัดให้มีการประชุมสอบสวนและวิเคราะห์เหตุการณ์ พร้อมจัดทำรายงานการสอบสวน

#### การบันทึกและสอบสวนอุบัติเหตุต้องครอบคลุมรายละเอียดดังนี้

- Who : ผู้ได้รับบาดเจ็บ
- When : เวลาที่เกิดอุบัติเหตุ
- Where : สถานที่ หรือบริเวณที่เกิดอุบัติเหตุ
- What : บรรยายรายละเอียดของเหตุการณ์ว่าเกิดอะไรขึ้น
- How : คนงานได้รับบาดเจ็บอย่างไร
- Why : ทำไมถึงเกิดอุบัติเหตุขึ้น



3.19 การป้องกันและระงับอัคคีภัย

ประเภทของเชื้อเพลิง และการเลือกใช้เครื่องดับเพลิง

สัญลักษณ์ของถังดับเพลิงแบ่งตามประเภทของไฟ ตามข้อกำหนดมาตรฐานสากล (NFPA 10) ออกเป็น 5 ประเภท (Class) โดยจำแนกตามลักษณะของการเกิดเพลิงไหม้ และระบุประเภทของเครื่องดับเพลิงไว้บนตัวถังเครื่องอย่างชัดเจนเป็นตัวอักษร A B C D และ K ซึ่งเป็นข้อกำหนดมาตรฐานสากล ดังนี้

ประเภทถังดับเพลิง	ผงเคมีแห้ง (Dry Chemical)	น้ำยาเหลวระเหย (Halotron)	คาร์บอนไดออกไซด์ (CO <sub>2</sub> )	โฟม (Foam)	เคมีสูตรน้ำ (Water Chemical)
<b>ประเภท A</b>  ของแข็ง เช่น ไม้ กระดาษ ผ้า พลาสติก ปอ นุ่น ยาง สามารถดับได้ด้วยน้ำเปล่า					
<b>ประเภท B</b>  ของเหลวติดไฟ เช่น น้ำมัน ทินเนอร์ กาวติดไฟ เป็นต้น ดับด้วยวิธีกักต้อออกซิเจน					
<b>ประเภท C</b>  อุปกรณ์ที่มีไฟฟ้าไหลอยู่ เช่น เครื่องใช้ไฟฟ้า ไฟฟ้า ลัดวงจร เป็นต้น ดับระบบไฟฟ้าก่อนทำการดับไฟ					
<b>ประเภท D</b>  โลหะที่ติดไฟได้ เช่น ปิวยูเรีย อะลูมิเนียม แมกนีเซียม เป็นต้น ห้ามใช้น้ำดับเด็ดขาด เพราะจะทำให้ระเบิด					
<b>ประเภท K</b>  น้ำมันที่ใช้ในการทำอาหาร เช่น น้ำมันพืช น้ำมันหมู เป็นต้น					

และถังไฟประเภท 0 ที่มีบีบี 2 ประเภท โดแลก 1 Sodium Chloride เป็นพื้นฐาน และ 2 Special Graphite หรือ Copper คืออย่างเช่น MET-L-X POWDER Sodium Chloride, Amerex 30 lbs Class D Copper Powder, Ansul Lb-X Class D เป็นต้น

ควรเลือกถังดับเพลิงให้เหมาะสมกับประเภทของเชื้อเพลิง หากใช้ถังดับเพลิงที่มีสารดับเพลิงไม่เหมาะสม อาจจะทำให้เกิดผลกระทบต่อสิ่งแวดล้อม และสุขภาพของผู้ใช้งานได้ เช่น CO<sub>2</sub> ควรใช้งานในพื้นที่ระบายได้ดี เนื่องจากคือระเหยจาก CO<sub>2</sub> ออกไปให้เร็วที่สุด ป้องกันการสะสมเข้าสู่ร่างกายมากเกินไป









## ความสามารถในการดับเพลิง (Fire Rating) ของถังดับเพลิง

**Class A**  
เพลิงไหม้ที่เกิดจาก  
เชื้อเพลิงของแข็ง  
เช่น ไม้ กระดาษ ผ้า พลาสติก ยาง ปูน

<b>ขนาดของไฟ</b> FIRE RATING <b>1A</b>  ไม้ 50 นิ้ว สูง 10 นิ้ว (45x45x500 มม.)	<b>ขนาดของไฟ</b> FIRE RATING <b>2A</b>  ไม้ 78 นิ้ว สูง 13 นิ้ว (45x45x600 มม.)	<b>ขนาดของไฟ</b> FIRE RATING <b>3A</b>  ไม้ 98 นิ้ว สูง 14 นิ้ว (45x45x750 มม.)
<b>ขนาดของไฟ</b> FIRE RATING <b>4A</b>  ไม้ 120 นิ้ว สูง 15 นิ้ว (45x45x850 มม.)	<b>ขนาดของไฟ</b> FIRE RATING <b>6A</b>  ไม้ 153 นิ้ว สูง 17 นิ้ว (45x45x1,000 มม.)	<b>ขนาดของไฟ</b> FIRE RATING <b>10A</b>  ไม้ 209 นิ้ว สูง 19 นิ้ว (45x45x1,200 มม.)

**Class B**  
เพลิงไหม้ที่เกิดจาก  
เชื้อเพลิงของเหลวติดไฟ  
เช่น น้ำมันเชื้อเพลิง ก๊าซหุงต้ม

<b>ขนาดของไฟ</b> FIRE RATING <b>1B</b>  น้ำมัน 12 ลิตร	<b>ขนาดของไฟ</b> FIRE RATING <b>2B</b>  น้ำมัน 25 ลิตร	<b>ขนาดของไฟ</b> FIRE RATING <b>5B</b>  น้ำมัน 60 ลิตร
<b>ขนาดของไฟ</b> FIRE RATING <b>10B</b>  น้ำมัน 120 ลิตร	<b>ขนาดของไฟ</b> FIRE RATING <b>20B</b>  น้ำมัน 250 ลิตร	<b>ขนาดของไฟ</b> FIRE RATING <b>30B</b>  น้ำมัน 350 ลิตร

## วิธีการใช้เครื่องดับเพลิง

- **ดึงสลักนิรภัย** ปลดสลักออกจากวาล์วที่หัวถัง ซึ่งจะมีกระดุกงล็อกอยู่ หากดึงไม่ออกให้บิดแล้วค่อยดึงสลักออก
- **ปลดสายฉีด** ออกจากตัวถังดับเพลิง โดยจับปลายสายฉีกแล้วดึงออกมา จะง่ายกว่าดึงออกจากโคนสาย
- จับปลายสายให้แน่น และหันหัวฉีดไปยังต้นตอของเพลิง แล้วค่อยๆ **กดคันฉีด** ให้สารในถังดับเพลิงออกมา
- ฉีดสารในถังดับเพลิงไปยังฐานของต้นเพลิง พร้อมกับ **ส่ายปลายสายหัวฉีด** ไป-มาจนเปลวไฟดับสนิท





### 3.20 การปฐมพยาบาลเบื้องต้น

#### วิธีการปฐมพยาบาลกรณีไฟช็อต

- ผู้ที่เข้าไปช่วยเหลือจะต้องตั้งสติและคำนึงถึงความปลอดภัยเป็นหลัก
- ตัดกระแสไฟฟ้าในบริเวณที่เกิดเหตุทันทียกเว้นเป็นสายไฟแรงสูง ควรรีบแจ้งเจ้าหน้าที่เพื่อความปลอดภัย
- **ห้าม**สัมผัสตัวผู้ถูกไฟช็อตด้วยมือเปล่า ควรใช้วัสดุที่ไม่เป็นตัวนำไฟฟ้า เช่น ถุงมือยาง ผ้าแห้ง พลาสติกแห้ง
- เคลื่อนย้ายผู้ป่วยไปในพื้นที่ปลอดภัยและถูกวิธี
- สำหรับผู้ป่วยที่ได้รับบาดเจ็บจากไฟบ้านทั่วไปและมีเพียงบาดแผลไม่ลึกไม่มีอาการผิดปกติอื่น ๆ สามารถสังเกตอาการที่บ้านได้ ยกเว้น ผู้ได้รับบาดเจ็บเป็นเด็กเล็ก ผู้สูงอายุ หรือผู้ป่วยที่มีโรคประจำตัวบางชนิด เช่น โรคไต โรคหัวใจควรนำส่งโรงพยาบาลเพื่อให้แพทย์ประเมินอาการอีกครั้ง
- สำหรับผู้ป่วยที่หมดสติจะต้องพิจารณาว่าผู้ป่วยมีภาวะหัวใจหยุดเต้นหรือหยุดหายใจหรือไม่หากหยุดหายใจจะต้องรีบช่วยเหลือฟื้นคืนชีพ(CPR) ทันที และควรรีบแจ้งขอความช่วยเหลือทางการแพทย์ หรือนำส่งโรงพยาบาล

#### วิธีการปฐมพยาบาลโรคลมแดดหรือฮีทสโตรก

- รีบนำผู้ป่วยเข้าในที่ร่มและมีอากาศถ่ายเท
- นอนหงาย จัดทำให้ยกขาขึ้นสูงเพื่อให้เลือดไหลเวียนมาสู่สมอง
- ดื่มน้ำระบายความร้อนภายในร่างกาย
- คลายเสื้อผ้าให้หลวมเพื่อระบายความร้อน
- ใช้ผ้าชุบน้ำเช็ดตัวหรือประคบเย็นเพื่อระบายความร้อน
- ถ้าผู้ป่วยซึม ไม่รู้สึกตัวรีบขอความช่วยเหลือทางการแพทย์ หรือนำส่งโรงพยาบาล



### การปฐมพยาบาลกระดูกหัก

- ตรวจสอบบริเวณใกล้เคียงที่พบผู้บาดเจ็บและหาสาเหตุที่ทำให้กระดูกหัก เช่น ตกจากที่สูง ล้มกระแทกพื้น
- สำรวจและสอบถามอาการบาดเจ็บอย่างละเอียดโดยไม่เคลื่อนย้ายผู้ป่วย
- หากมีเลือดออกต้องทำการห้ามเลือด
- หากเป็นอวัยวะที่สามารถดามได้ เช่น แขนหรือขา ให้ใช้วัสดุที่มีความแข็งแรงตามเอาไว้เพื่อให้เคลื่อนไหวได้น้อยที่สุด หากมีการบาดเจ็บฉีกขาด ห้ามทำอะไรและให้พาผู้ป่วยไปพบแพทย์โดยเร็ว

### ปฐมพยาบาลเมื่อสารเคมีเข้าตา

- ล้างดวงตาให้สะอาดด้วยน้ำอุ่น โดยเปิดน้ำสะอาดให้ไหลผ่านดวงตาเป็นเวลา 15–30 นาที แต่ต้องระมัดระวังไม่ให้น้ำพุ่งแรงจนเกินไป เพราะอาจเป็นอันตรายต่อดวงตาได้
- ในกรณีที่สวมคอนแทคเลนส์ ควรถอดคอนแทคเลนส์หลังจากล้างตาด้วยน้ำเปล่าแล้ว
- หากรู้สึกแสบตาอย่างรุนแรง ควรรีบพาผู้ป่วยไปพบแพทย์โดยเร็ว
- หลีกเลี่ยงการขยี้ตาหรือใช้ผ้าปิดดวงตา
- เมื่อถึงโรงพยาบาล แจ้งให้แพทย์ทราบถึงชนิดของสารเคมีที่เข้าตา



### 3.21 การจัดการขยะ

- ผู้ปฏิบัติงานต้องดำเนินการคัดแยกขยะก่อนทิ้งตามที่กำหนด ดังนี้
  - ถังแดง : ขยะอันตราย** เช่น ถู่มือหรือ ผ้าปนเปื้อน หลอดไฟ Insulation น้ำมัน
  - ถังเขียว : ขยะเศษวัสดุธรรมชาติ** เช่น หญ้า ใบไม้ กิ่งไม้
  - ถังน้ำเงิน : ขยะทั่วไป** เช่น ถูอาหาร เศษอาหาร เศษผ้า เศษพลาสติก
  - ถังเหลือง : ขยะรีไซเคิล** เช่น ขวดแก้ว ขวดพลาสติก กระป๋อง กล่องลัง
- กรณีขยะอันตรายที่เกิดจากกระบวนการผลิตและซ่อมบำรุง ผู้ปฏิบัติงานต้องคัดแยกชนิด และประเภทพร้อมติดฉลากบ่งชี้ให้ชัดเจน



## บทลงโทษ

กรณีที่พบว่าผู้ปฏิบัติงานละเลยหรือไม่ปฏิบัติตามกฎ ระเบียบด้านความปลอดภัย

ครั้งที่ 1 : ให้ผู้ควบคุมงานหรือเจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ  
แจ้งหัวหน้างานเพื่อ ตักเตือนผู้ปฏิบัติงาน



ครั้งที่ 2 : ให้ผู้ควบคุมงานหรือเจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ  
แจ้งหัวหน้างานเพื่อ สั่งให้หยุดปฏิบัติงานทันที



ครั้งที่ 3 : ให้ผู้ควบคุมงานหรือเจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ  
แจ้งหน่วยงานต้นสังกัดของผู้ปฏิบัติงานเพื่อให้ หยุดการปฏิบัติงานในพื้นที่ DCAP เป็นเวลา 3 วัน



ครั้งที่ 4 : ให้ผู้ควบคุมงานหรือเจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ  
แจ้งหน่วยงานต้นสังกัด และ DCAP เพื่อ  
สั่งห้ามให้ผู้ปฏิบัติงานดังกล่าวเข้ามาปฏิบัติงานในพื้นที่ DCAP





# DCAP Zero Accident



222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

โทรศัพท์ 02 327 4242 โทรสาร 02 327 4244





## ภาคผนวกที่ 12

ระบบรวบรวมน้ำเสียส่วนกลางของท่าอากาศยานสุวรรณภูมิ



## 2.7 การจัดการน้ำเสีย

### 2.7.1 ระยะก่อสร้าง

ในระหว่างการก่อสร้าง น้ำเสียที่เกิดขึ้นในพื้นที่ก่อสร้างและบริเวณที่พักคนงาน (Labour Housing Area) น้ำเสียที่เกิดขึ้นเกิดจากสำนักงานโครงการ เช่น น้ำจากห้องน้ำ มีปริมาณไม่มากนัก ดังนั้น โครงการจึงทำการติดตั้งระบบบำบัดน้ำเสียสำเร็จรูป (Onsite Treatment) เพื่อบำบัดน้ำเสียให้ได้มาตรฐาน

สำหรับน้ำเสียจากที่พักคนงานจะเป็นน้ำเสียประเภทน้ำเสียชุมชน คาดว่าจากการใช้น้ำ 80% ของการใช้น้ำ โดยน้ำจากห้องสุขาจะถูกบำบัดด้วยบ่อเกรอะ-บ่อซึม น้ำจากการซักล้างและน้ำจากบ้านพักและที่อยู่อาศัยต่าง ๆ จะถูกรวบรวมโดยจะทำการดักไขมันและเติมอากาศก่อนจะให้ไหลลงสู่อ่างจากบ่อลงสู่คลองรักษาระดับน้ำภายในท่าอากาศยาน

### 2.7.2 ระยะดำเนินการ

น้ำเสียที่เกิดขึ้นในแต่ละวันเมื่อเปิดดำเนินการโครงการ สามารถแยกประเภทของน้ำทิ้งได้ดังนี้

- น้ำทิ้งชุมชน : มาจากอาคารผู้โดยสาร อาคารโรงอาหาร โรงแรม สำนักงานต่าง ๆ เป็นต้น
- น้ำทิ้งจากเครื่องบิน : มาจากห้องน้ำบนเครื่องบิน
- น้ำทิ้งอุตสาหกรรม : มาจากโรงเชื่อม/อเนกประสงค์ด้วยสังกะสี (galvanic workshops)
- น้ำทิ้งจากครัว : มาจากร้านอาหารของครัวการบิน
- น้ำทิ้งปนเปื้อนน้ำมัน : มาจากโรงซ่อมบำรุงและล้างเครื่องบิน

การพัฒนาท่าอากาศยานสุวรรณภูมิในระยะแรกจะมีปริมาณน้ำเสียวันละ 12,654 ลูกบาศก์เมตร และได้รับปรุงระบบรวมน้ำเสียดังรูปที่ 2.7-1 โดยมีแหล่งกำเนิด ปริมาณและลักษณะของน้ำเสียได้แสดงไว้ในตารางที่ 2.7-1

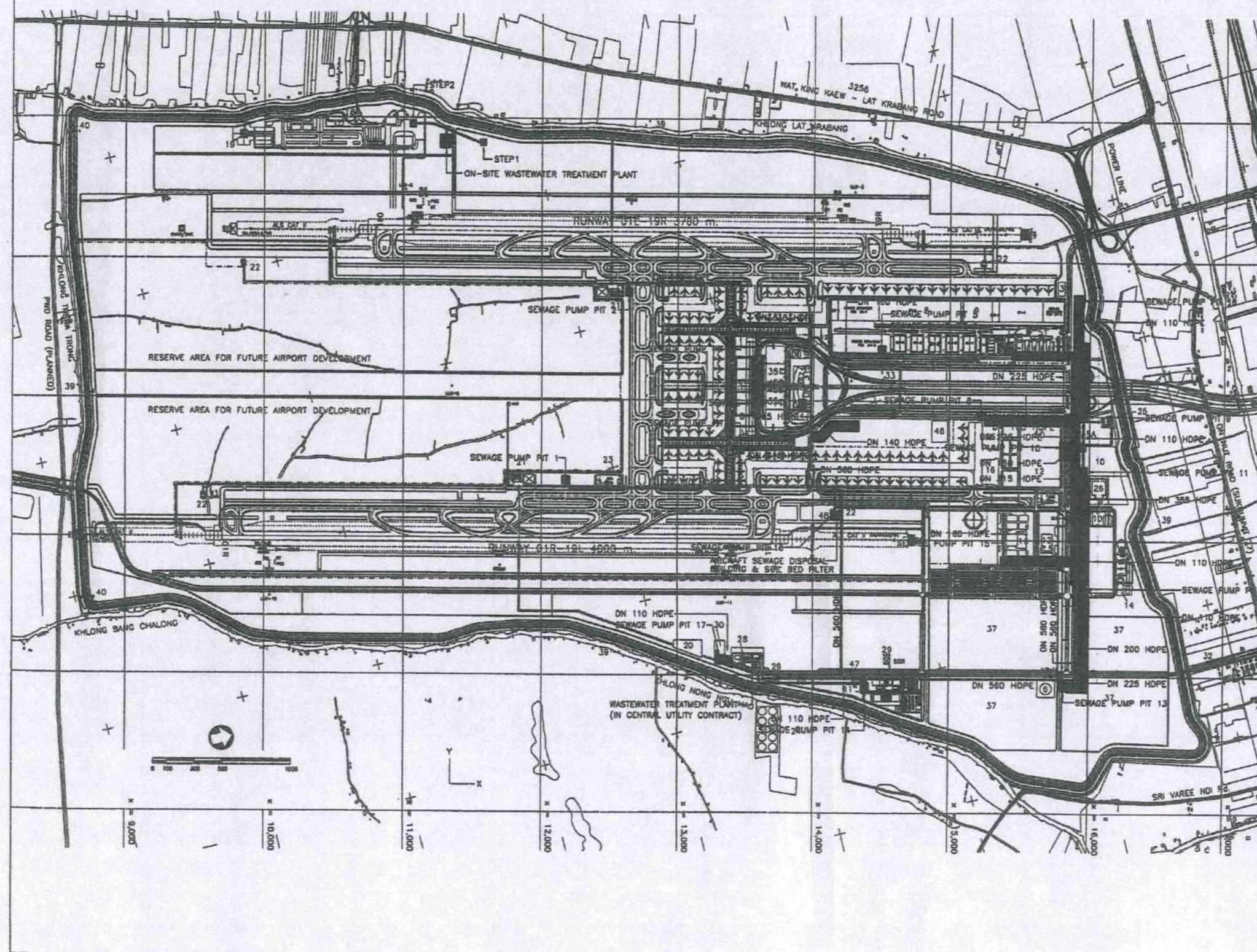
ตารางที่ 2.7-1

แหล่งกำเนิดและลักษณะของน้ำเสียที่เกิดจากการพัฒนาท่าอากาศยานสุวรรณภูมิในระยะแรก (45 MAP)

แหล่งกำเนิดของน้ำเสีย	ปริมาณ (ลบ.ม./วัน)	ลักษณะของน้ำเสีย	
		BOD (มก./ลิตร)	SS (มก./ลิตร)
Domestic wastewater: จากอาคารพักผู้โดยสารคลังสินค้า สำนักงาน และโรงแรม	5,232	355	200
Aircraft wastewater: จากเครื่องบิน	760	2,425	290
Industrial wastewater: จากอาคารคลังสินค้า	236	-	-
Kitchen wastewater: จากภัตตาคารของครัวการบิน	2,970	1,270	690
Oily wastewater: จากโรงซ่อมบำรุง	1,728	-	-
Other wastewater: จากอาคารประกอบอื่น ๆ	1,728	-	-
รวม	12,654		

ที่มา : New Bangkok International Airport Co., td. Final Design of Wastewater Treatment Facilities, December 1995.





# LEGEND

- 1 passenger terminal facilities
- 2 royal terminal (on hold)
- 3 oilmill facilities
- 4 AOT facilities and AIMS building
- 5 security facilities (deleted)
- 6 airport hotel
- 7 control tower and ATC facilities
- 8 cargo facilities
- 9 express freight facilities
- 10 catering facilities
- 11 airport maintenance facilities
- 12 ground service equipment maintenance facilities
- 13 medical facilities
- 14 social and staff facilities
- 15 car rental facilities
- 16 aircraft maintenance facilities
- 17 patrol and car care services
- 18 general aviation facilities
- 19 heliport
- 20 fire fighting training ground
- 21 rescue and fire fighting facilities
- 22 airfield lighting building
- 23 intoplane fuel services
- 24 aviation fuel depot facilities (external)
- 25 main transformer station
- 26 water supply station
- 27 water treatment plant (deleted)
- 28 wastewater treatment facilities
- 29 radar facilities
- 30 meteorological facilities
- 31 main access road
- 32 secondary access road
- 33 rail access route
- 34 railway station
- 35 public car parking
- 36 long-term car parking area
- 37 area reserved for the development of other facilities
- 38 airport related business development
- 39 perimeter polder dike, -fence and -road
- 40 polder pumping station and ponding area
- 45A cogeneration plant
- 45B central plant / district cooling plant
- 46 domestic cargo
- 47 transmitter station
- 48 aircraft sewage disposal building
- 49 central solid waste transfer building
- 50 thai city (TG operations)
- 51 CFZ common facilities

- DELETED PIPE, PUMP PIT
- ADDITIONAL PIPE, PUMP PIT
- SIZE MODIFIED

FIGURE 2.7-1 : MODIFIED WASTEWATER COLLECTION SYSTEM OF SBIA FIRST PHASE DEVELOPMENT

รูปที่ 2.7-1 : ระบบรวบรวมน้ำเสียของท่าอากาศยาน ระยะที่ 1

TEAM





ระบบบำบัดน้ำเสียของท่าอากาศยานสุวรรณภูมิ ประกอบด้วย

(1) ระบบบำบัดน้ำเสียรวม

ระบบบำบัดน้ำเสียรวมตั้งอยู่บริเวณพื้นที่ 28 ดังรูปที่ 2.3-1 ซึ่งมีแบบแปลนดังรูปที่ 2.7-2 ระยะแรกได้ออกแบบไว้สำหรับบำบัดน้ำเสีย 16,000 ลูกบาศก์เมตรต่อวัน เป็นระบบบำบัดน้ำเสียแบบชีวภาพ (Biological Treatment Plan) สามารถบำบัดสารอินทรีย์และธาตุอาหาร เช่น ไนโตรเจนและฟอสฟอรัสในน้ำเสีย

น้ำเสียจะถูกส่งผ่านระบบท่อใต้ดินแล้วสูบเข้าสู่ระบบบำบัดน้ำเสียรวม (แบบชีวภาพ) ที่ตั้งอยู่ทางตะวันออกของท่าอากาศยาน การออกแบบระบบบำบัดน้ำเสียรวมจะใช้ Criteria ของน้ำเสียตามที่แสดงในตารางที่ 2.7-2 เพื่อบำบัดน้ำเสียให้มีคุณภาพตามมาตรฐานคุณภาพน้ำทิ้ง ก่อนจะปล่อยลงสู่แหล่งน้ำภายในท่าอากาศยาน

ตารางที่ 2.7-2

คุณลักษณะของน้ำเสียที่ใช้สำหรับออกแบบระบบบำบัดน้ำเสียรวม

พารามิเตอร์	คุณลักษณะน้ำเสีย (มก./ลิตร)	คุณลักษณะน้ำเสียที่ผ่านการบำบัดแล้ว (มก./ลิตร)
BOD <sub>5</sub>	400	< 10
COD	774	< 10
SS	300	< 30
TKN	70	-
TP	8	< 2
Alkalinity	250	-

ที่มา : Final Design Report of Wastewater Treatment Facilities, December 1995.

ขั้นตอนการทำงานของระบบบำบัดน้ำเสียรวมประกอบด้วย (รูปที่ 2.7-3)

(ก) การบำบัดน้ำเสียขั้นเตรียมการ (Preliminary Treatment) เพื่อแยกของแข็งที่ไม่ละลายน้ำออกจากน้ำเสียประกอบด้วย

- ถังรวบรวมน้ำเสีย (Central Sewage Collection Tank) ขนาด 94 ลูกบาศก์เมตร สำหรับรวบรวมน้ำเสียจากกิจกรรมต่าง ๆ ภายในพื้นที่โครงการ

- ตะแกรงเครื่องกล (Mechanical Self Screen) มีช่องตะแกรงขนาด 3 มิลลิเมตร
- ถังกำจัดกรวดทราย (Grit Chamber) เพื่อตกตะกอนกรวดทราย
- ระบบควบคุมและวัดอัตราการไหล (Flow Measurement and Control)
- Inlet Works Odor Control เพื่อป้องกันกลิ่นระเหยออกนอกระบบ

(ข) ถังปฏิกริยาชีวภาพ (Biological Reactors) น้ำเสียจาก Preliminary Treatment จะถูกส่งเข้าสู่ถังปฏิกริยา ที่ประกอบด้วยส่วนบำบัดแบบไม่ใช้ออกซิเจนและแบบใช้ออกซิเจน เพื่อกำจัดไนโตรเจน ฟอสฟอรัส และสารอินทรีย์

(ค) ถังตกตะกอน (Clarifier) น้ำเสียจาก Biological Reactors จะส่งมาถึงถังตกตะกอน เพื่อแยกน้ำใสและตะกอนออกจากกัน โดยอาศัยแรงโน้มถ่วงของโลก



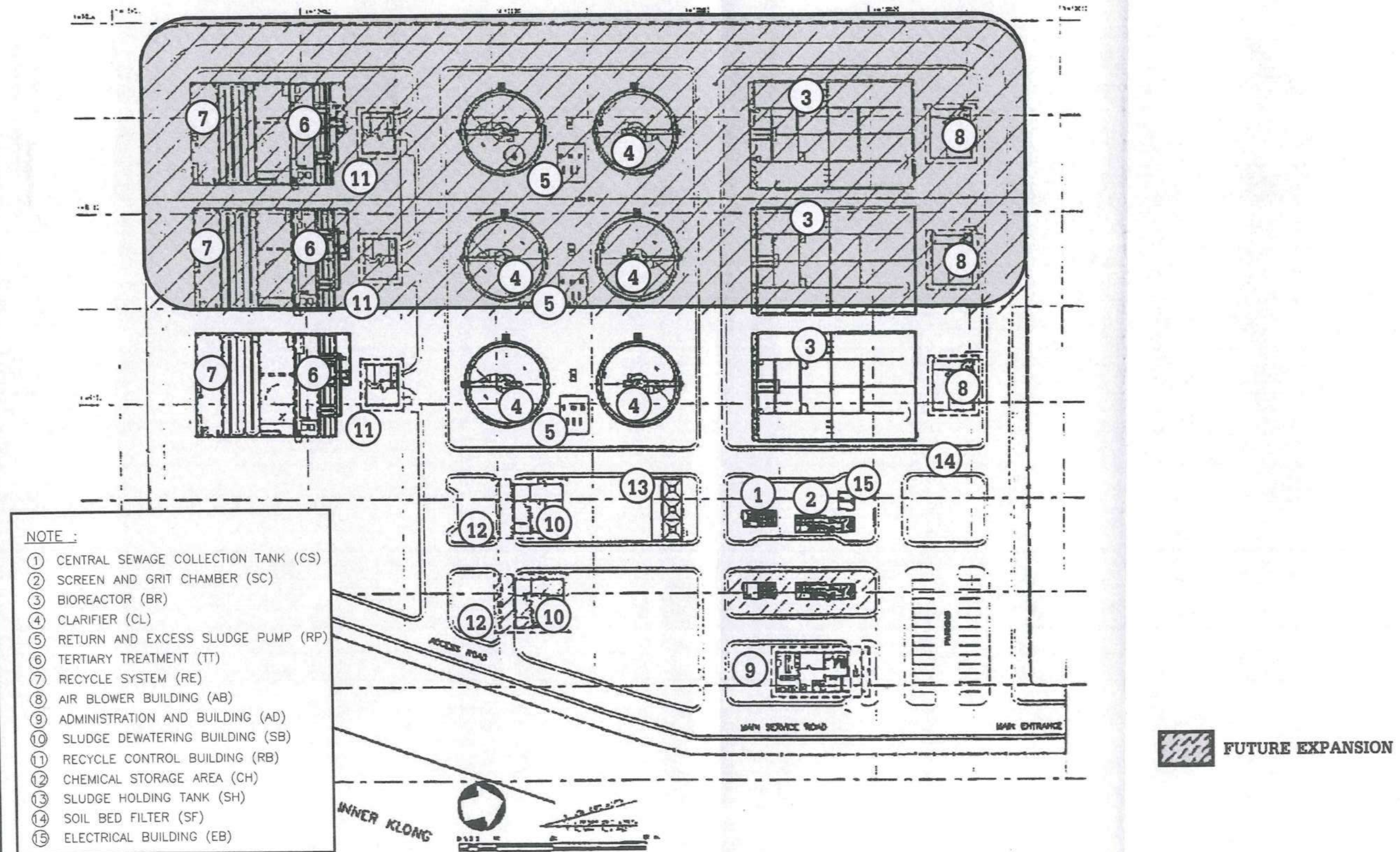
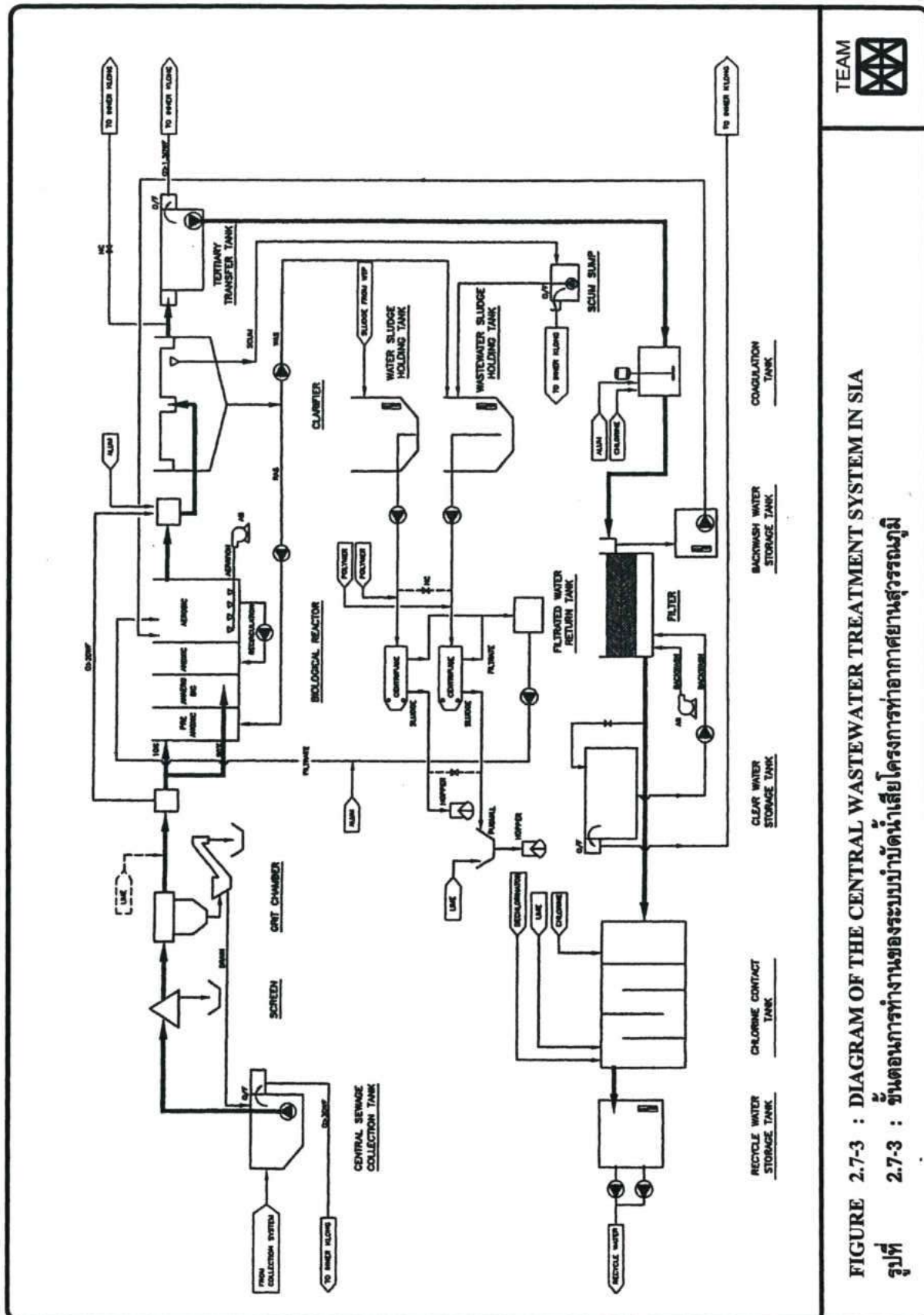


FIGURE 2.7-2 : WASTEWATER TREATMENT PLANT LAYOUT

รูปที่ 2.7-2 : แบบแปลนระบบบำบัดน้ำเสียของท่าอากาศยานสุวรรณภูมิ







(ง) Tertiary Filtration น้ำใสที่แยกมาจาก Clarifier จะนำมาผสมกับสารส้ม (Alum) และนำไปกรองเพื่อลดปริมาณ SS ให้มีปริมาณต่ำตามที่กำหนด

(จ) ระบบฆ่าเชื้อโรค (Effluent Disinfection System) น้ำใสจาก Tertiary Filtration จะนำมาผ่านการฆ่าเชื้อโรคด้วยคลอรีนก่อนจะปล่อยออกจากระบบ

(ฉ) การจัดการสลัดจ์/ตะกอน (Sludge Handling) ตะกอนจากตัวตกตะกอนจะเก็บไว้ในถังเก็บตะกอนแล้วเติมสารโพลีเมอร์เพื่อนำไปเข้าเครื่องเหวี่ยงตะกอน (Centrifuges)

น้ำเสียที่ผ่านระบบบำบัดน้ำเสียรวมแล้วจะมีคุณภาพตามมาตรฐานน้ำทิ้ง เมื่อพิจารณาจากค่า BOD ทั้งก่อนและหลังจากผ่านระบบบำบัดน้ำทิ้ง สามารถนำไปใช้กับกิจกรรมภายในท่าอากาศยานได้ (รูปที่ 2.7-4) เช่นนำไปรดน้ำต้นไม้ 3,584 ลูกบาศก์เมตรต่อวัน ใช้ในระบบหล่อเย็น (9,718 ลูกบาศก์เมตรต่อวัน) ส่วนที่เหลือจะปล่อยลงในคลองภายในพื้นที่ท่าอากาศยาน

สำหรับน้ำเสียที่ปนเปื้อนด้วยน้ำมัน โลหะหนัก และสารพิษอื่น ๆ จากโรงล้างชิ้นส่วนเครื่องบิน โรงเก็บเครื่องบินและโรงซ่อมบำรุงอากาศยาน จะต้องนำไปบำบัดเบื้องต้นก่อนที่จะนำไปบำบัดที่โรงบำบัดน้ำเสียกลางดังนี้

(2) ระบบบำบัดน้ำเสียของโรงล้างชิ้นส่วนเครื่องบินและโรงเก็บเครื่องบิน (Pre-Cleaning Shop) สามารถรองรับน้ำเสียได้ 400 ลูกบาศก์เมตรต่อวัน มีขั้นตอนบำบัดตามรูปที่ 2.7-5 และสรุปได้ดังนี้

(ก) น้ำเสียจากการล้างชิ้นส่วนเครื่องบินที่จะเข้าสู่ระบบบำบัดจะส่งมาจากบ่อพักน้ำเสีย 2 บ่อ โดยบ่อแรก (Sump A) จะรวบรวมน้ำล้างเครื่องบินในโรงเก็บเครื่องบิน ส่วนบ่อที่สอง (Sump B) จะรวบรวมน้ำล้างชิ้นส่วนเครื่องบินในบริเวณ Pre-Cleaning Shop และ Plating Shop น้ำเสียจากบ่อพักทั้งสองจะไหลเข้าสู่ Flow Measuring Chamber แล้วเข้าสู่ถังกวนเร็ว ซึ่งจะมีการเติมปูนขาวและสารส้ม และเข้าสู่ถังกวนช้าเพื่อตกตะกอนขนาดใหญ่ขึ้น

(ข) น้ำเสียจาก (ก) จะไหลเข้าสู่ ถังตกตะกอนชั้นต้น 1 (Sedimentation Tank No.1) เพื่อให้ตกตะกอนสมบูรณ์ ขณะเดียวกันให้กวาดคราบน้ำมันไปรวบรวมไว้ในถังรวบรวมสลัดจ์ (Sludge Holding Tank)

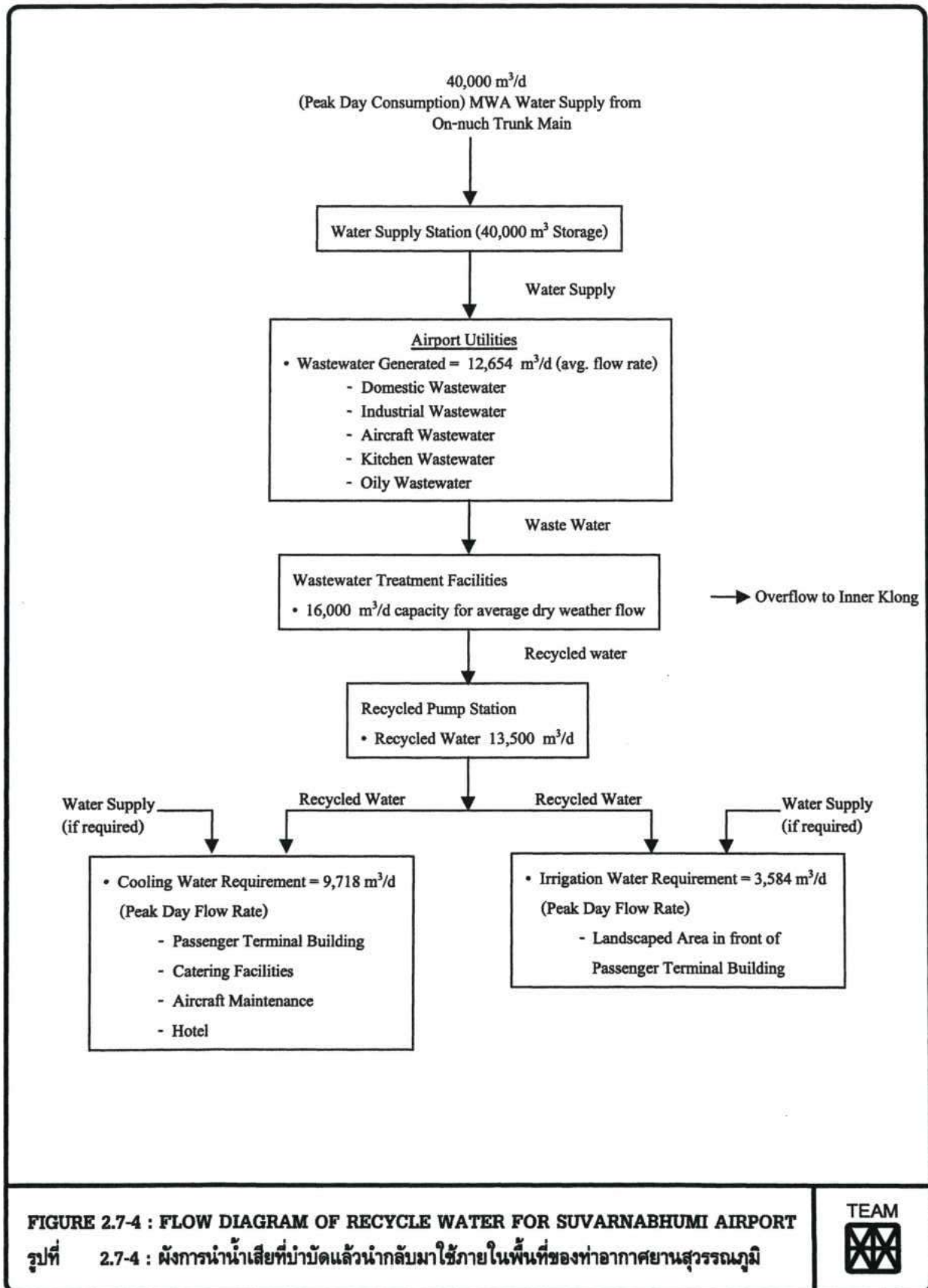
(ค) น้ำเสียจาก (ข) จะไหลเข้าสู่ถังกวนผสม 1 (Mixing Tank No.1) แล้วเติมสารส้ม โซดาไฟและคลอรีน เพื่อกำจัดแอมโมเนีย

(ง) น้ำเสียจาก (ค) จะไหลเข้าสู่ถังตกตะกอนชั้นที่ 2 (Sedimentation Tank No.2) เพื่อให้ตกตะกอนสมบูรณ์

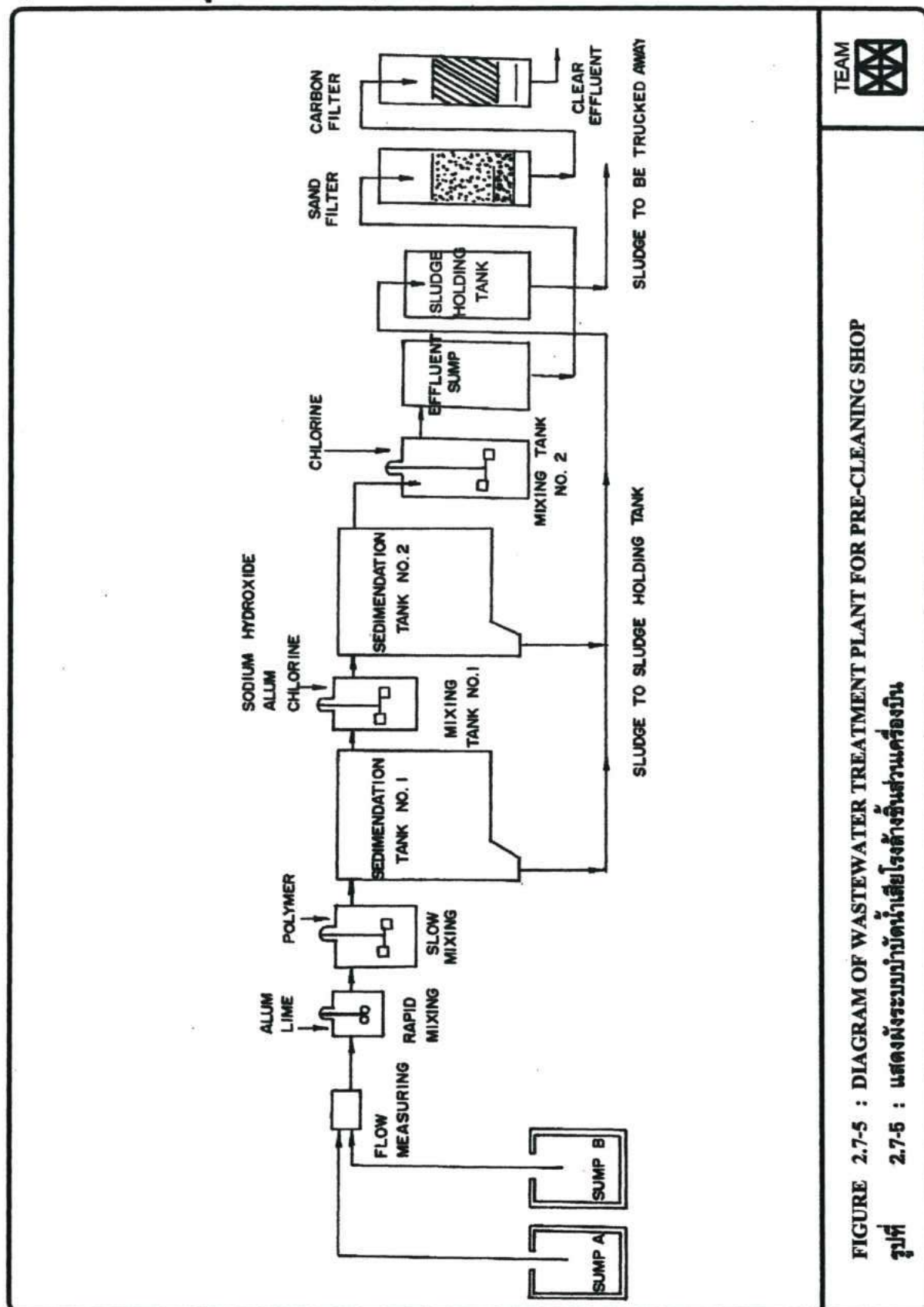
(จ) น้ำเสียจาก (ง) จะไหลเข้าสู่ตัวกวนผสม 2 (Mixing Tank No.2) ที่จะมีการเติมคลอรีนเพื่อฆ่าเชื้อโรคก่อนจะระบายลงสู่บ่อพักน้ำ

(ฉ) ส่งน้ำจากบ่อพักน้ำไปยังถังกรองทรายเพื่อกรองสารแขวนลอย แล้วผ่านไปยังกรองด้วยคาร์บอนเพื่อกำจัดสารเคมีออกจากน้ำเสีย









TEAM

FIGURE 2.7-5 : DIAGRAM OF WASTEWATER TREATMENT PLANT FOR PRE-CLEANING SHOP

รูปที่ 2.7-5 : แสดงผังระบบบำบัดน้ำเสียโรงล้างชิ้นส่วนเครื่องบิน



### (3) ระบบบำบัดน้ำเสียของโรงซ่อมบำรุงเครื่องยนต์อากาศยาน (Engine Shop)

สามารถรับน้ำเสียได้ประมาณ 100 ลูกบาศก์เมตรต่อวัน มีขั้นตอนบำบัดที่แตกต่างกันตามชนิดของสารปนเปื้อนในน้ำเสีย ดังนี้ (รูปที่ 2.7-6)

(ก) น้ำเสียจากการล้างชิ้นส่วนเครื่องยนต์ที่มีโลหะหนัก (โครเมียม) ปนเปื้อน จะถูกสูบไปยังถัง Reduction pond เพื่อเปลี่ยน  $Cr^{+6}$  ไปเป็น  $Cr^{+3}$  แล้วผ่านไปยังถังปรับสภาพส่วนที่ 1 เพื่อตกตะกอนโลหะหนัก ถังนี้ยังรับน้ำเสียประเภทกรดและด่างอีกด้วย จากนั้นผ่านน้ำเสียไปยังถังตกตะกอนแล้วเข้าสู่ Lamella Separator เพื่อแยกตะกอนโลหะหนักออกจากน้ำเสีย ตะกอนจะถูกรวบรวมไปที่ Sludge Tank และ Filter Press เพื่อทำให้เป็นตะกอนแห้ง ส่วนน้ำใสจะถูกปล่อยทิ้งไป

(ข) น้ำเสียที่มีฟีนอลปนเปื้อนจะนำมารองโดยใช้ถ่านคาร์บอน แล้วผ่านเข้าถังปรับสภาพส่วนที่ 2 จากนั้นนำมารองด้วย Media Filter และผ่านไปยังบ่อพักน้ำทิ้งเพื่อปรับความเป็นกรด-ด่าง ก่อนจะปล่อยทิ้ง

(ค) น้ำเสียที่มีกรด-ด่างปนเปื้อน จะผ่านเข้าสู่ถังปรับสภาพส่วนที่ 1 ผสมกับน้ำเสียจากถังปฏิกริยารีดักชันแล้วผ่านไปถังตกตะกอน จากนั้นจะมีขั้นตอนการบำบัดเช่นเดียวกับการบำบัดน้ำเสียจากการล้างชิ้นส่วนเครื่องยนต์

(ง) น้ำเสียจากถังล้างชิ้นส่วนจะถูกสูบเข้าถังพักน้ำ ซึ่งแยกเป็น 2 ถัง โดยถังพักที่ 1 จะรับน้ำเสียที่มีสารเคมี Ardox 6025 ซึ่งมีส่วนประกอบของฟีนอลอยู่ ส่วนถังพักที่ 2 จะรับน้ำเสียที่มีกรดฟอสฟอริก Ardox 185, 1,871, 188 น้ำเสียจากถังพักน้ำที่ 1 และ 2 จะถูกสูบเข้าสู่ถังปฏิกริยา ซึ่งมีการปรับสภาพความเป็นกรด-ด่างด้วยโซเดียมไฮดรอกไซด์และกรดซัลฟิวริก เพื่อให้ปฏิกิริยาเคมีการจัดสารเคมีในน้ำเสียเกิดอย่างสมบูรณ์ จากนั้นน้ำเสียจะถูกกรองโดย Activated Carbon Filter เพื่อกำจัดฟีนอล ส่วนตะกอนจากถังปฏิกริยาจะถูกสูบเข้าถังเก็บตะกอน (Sludge Tank) ตะกอนจาก Lamella Separator และจากถังปฏิกริยา (Reactor Tank) จะถูกสูบมายังถังเก็บตะกอน เพื่อให้ตกตะกอนสู่ก้นถัง ตะกอนจากก้นถังจะถูกส่งไปยัง Filter Press เพื่อรีดน้ำออก ด้วย Sludge Dewatering Unit น้ำใสส่วนบนถูกนำกลับสู่ระบบบำบัดน้ำเสียรวม

### (4) ระบบบำบัดน้ำเสียจากการซ่อมบำรุงอากาศยาน (Chemical Wastewater Treatment)

บริเวณ Single & Twin Hanger สามารถรับน้ำเสียได้ประมาณ 1,000 ลูกบาศก์เมตรต่อวัน มีขั้นตอนบำบัดดังนี้ (รูปที่ 2.7-7)

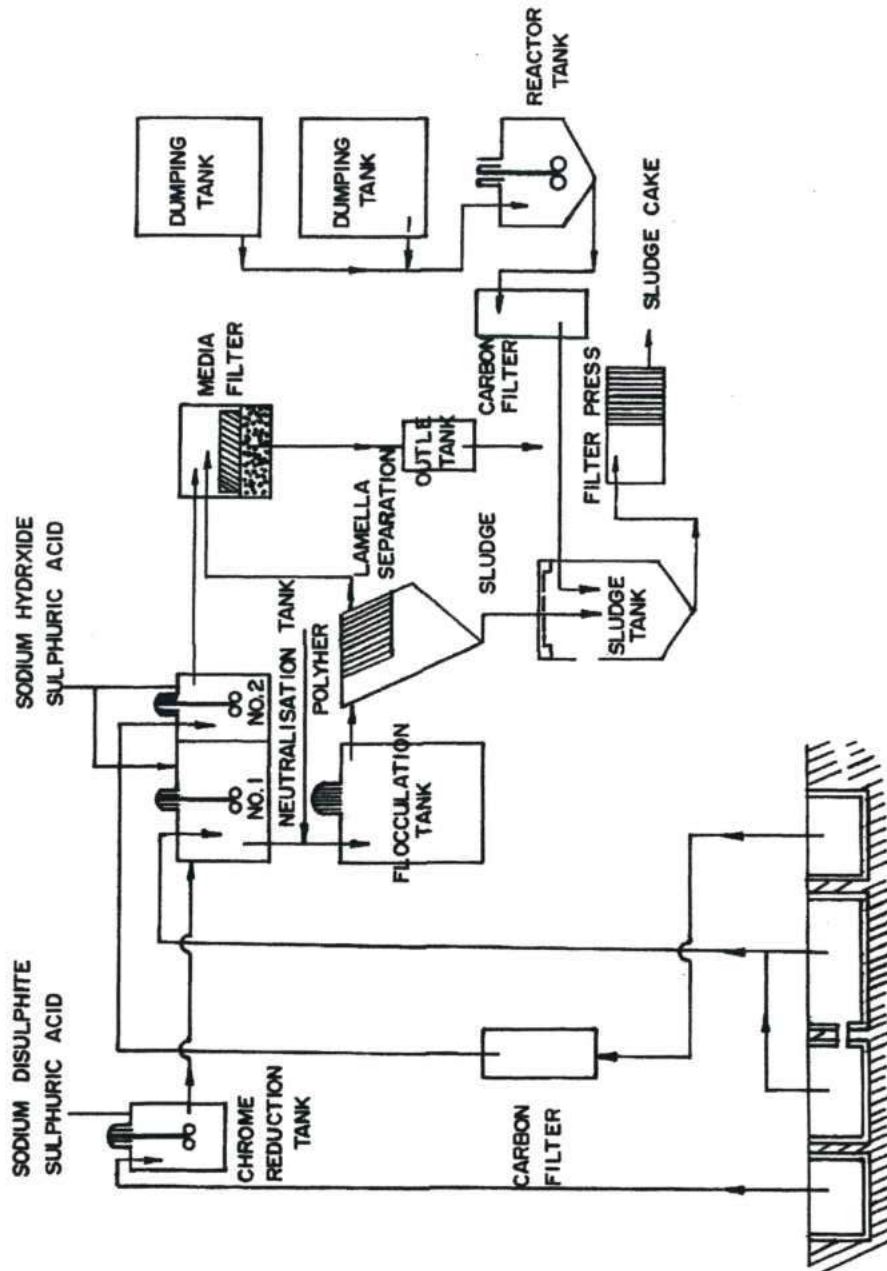
(ก) น้ำเสียจากบริเวณ Single & Twin Hanger และ Cleaning and Painting Shop ถูกสูบเข้ามารวมกันในถังเก็บกักน้ำที่มี Concrete Baffle 3 ตัว ช่วยในการผสมและควบคุมความเร็วของน้ำเสียที่ไหลเข้าสู่ระบบ

(ข) น้ำเสียถูกสูบเข้าสู่ Mixing Tank ถังแรกเพื่อกำจัดน้ำมันและตะกอนแขวนลอย โดยการเติมปูนขาว สารส้มและ Poly Electrolyte

(ค) น้ำเสียถูกสูบเข้าสู่ Oil Removal and 1<sup>st</sup> Clarifier Tank น้ำมันจะถูกเก็บไว้ใน Oil Removal Tank ขณะที่ตะกอนแขวนลอยจะตกตะกอนโดยแรงโน้มถ่วงของโลกในอีกถังหนึ่งแยกต่างหาก

(ง) น้ำเสียจาก (ค) จะถูกสูบเข้าสู่ Mixing Tank ถังที่ 2 เพื่อลดปริมาณ Cyanide และ Phenol โดยการเติม Sodium hydroxide และ Hyperchloride





TEAM

FIGURE 2.7-6 : DIAGRAM OF WASTEWATER TREATMENT FOR ENGINE SHOP

รูปที่ 2.7-6 : แสดงผังระบบบำบัดน้ำเสียโรงซ่อมเครื่องยนต์อากาศยาน



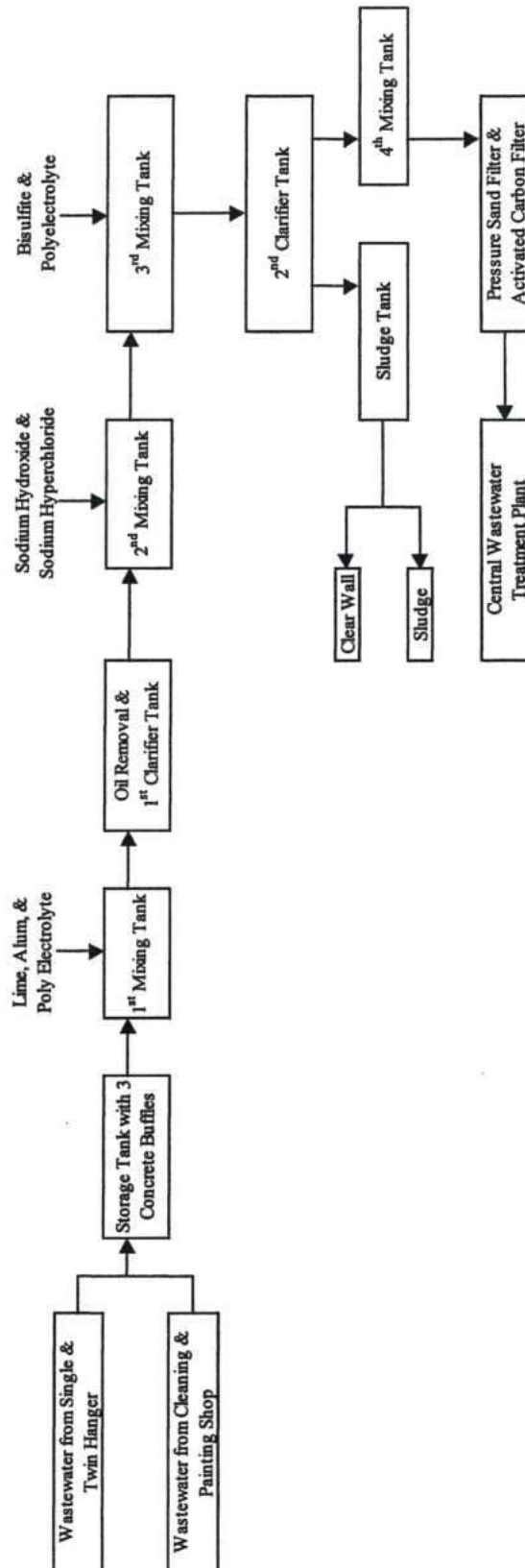


FIGURE 2.7-7 : DIAGRAM OF WASTEWATER TREATMENT FOR SINGLE TWIN HANGER

รูปที่ 2.7-7 : แสดงผังระบบบำบัดน้ำเสียจากการซ่อมบำรุงอากาศยาน



(จ) น้ำเสียจาก (ง) จะถูกสูบเข้าสู่ Mixing Tank ถึงที่ 3 เพื่อตกตะกอนโลหะหนัก โดยการเติม Bisulfite และ Polyelectrolyte

(ฉ) น้ำเสียจาก (จ) จะถูกสูบเข้าสู่ Clarifier Tank ถึงที่ 2 เพื่อตกตะกอนโลหะออกไซด์ ซึ่งจะถูกรวบรวมไว้ใน Sludge Tank เพื่อนำไปบำบัดต่อไป ส่วนน้ำใสนำไปเก็บไว้ใน Mixing Tank ที่ 4 เพื่อทำให้เป็นกลาง

(ช) ผ่านน้ำใสจาก (ฉ) ไปที่ Pressure Sand Filter & Activated Carbon Filter เพื่อกำจัดตะกอนแขวนลอยก่อนที่จะปล่อยลงสู่ระบบบำบัดน้ำเสียรวม

(ซ) การจัดการ Sludge โดยเติม Polyelectrolyte และแยกออกจากน้ำโดยการกรองโดยใช้ความดัน เก็บส่วนที่เป็นน้ำใสไว้ใน Clear Wall ส่วน sludge ซึ่งจะมีประมาณ 2 ตัน จะนำไปบำบัดที่บริษัทที่ได้รับอนุญาตตามกฎหมายให้บำบัดของเสียอันตราย

## 2.8 การจัดการกากของเสีย (Solid Waste Handling)

การพัฒนาทำอากาศยานสุวรรณภูมิ ในระยะแรก คาดว่าจะมีกากของเสีย/มูลฝอยเกิดขึ้นประมาณ 66.5 ตันต่อวัน โดยแยกเป็น

- มูลฝอยที่สามารถนำกลับมาใช้ใหม่ได้ ได้แก่ กระดาษ พลาสติก เศษแก้ว โลหะ ไม้ และโฟม ประมาณ 30.03 ตันต่อวัน ซึ่งจะรวบรวมมาจากอาคารผู้โดยสาร คลังสินค้า โรงซ่อมบำรุงเครื่องบิน ส่วนสนับสนุนภาคพื้นดิน และสำนักงานต่าง ๆ
- มูลฝอยที่ไม่สามารถนำกลับมาใช้ใหม่ได้ ได้แก่ เศษอาหารต่าง ๆ ที่เป็นขยะเปียก ซึ่งรวบรวมมาจากภัตตาคาร/ครัวการบินไทย มูลฝอยบนเครื่องบิน เป็นต้น คาดว่าจะมีปริมาณมูลฝอยเกิดขึ้นประมาณ 30.18 ตันต่อวัน
- มูลฝอยติดเชื้อคาดว่าจะมีประมาณ 6.29 ตันต่อวัน มูลฝอยติดเชือนี้จะถูกรวบรวมมาจากสถานพยาบาลในทำอากาศยานฯ

การจัดการมูลฝอยทั่วไปที่สามารถนำกลับมาใช้ใหม่ได้ และไม่สามารถนำกลับมาใช้ใหม่ได้ จะถูกคัดแยกตั้งแต่จุดรองรับมูลฝอย (ถังขยะ) โดยการแยกประเภทของถังขยะตามสี ซึ่งจะจัดไว้ตามจุดต่าง ๆ ของอาคาร เช่น ถังรองรับมูลฝอยสีดำ จะรับมูลฝอยทั่วไปที่ไม่สามารถนำกลับมาใช้ใหม่ได้ ถังรองรับมูลฝอยสีขาวจะรองรับมูลฝอยที่สามารถนำกลับมาใช้ใหม่ได้ และถังสีแดงจะรองรับมูลฝอยติดเชื้อ จากนั้นจะมีเจ้าหน้าที่คอยรวบรวมมูลฝอยโดยจะมีรถปาลูกและรวบรวมไปไว้ที่จุดพักของแต่ละอาคาร ดังรูปที่ 2.8-1 เพื่อรอเจ้าหน้าที่มารวบรวมและขนไปพักไว้ที่จุดพักมูลฝอยส่วนกลาง (หมายเลข 49 ดังรูปที่ 2.3-1) จุดพักมูลฝอยส่วนกลางเป็นอาคาร 2 ชั้น เมื่อรถขนมูลฝอยมาเก็บขนมูลฝอยจากจุดต่าง ๆ ที่นำมารวมไว้โดยมีรถเทรลเลอร์มารองรับ และเมื่อรับมูลฝอยเต็ม ก็จะทำการขนออกไปกำจัดต่อไป

จากรายงานฉบับสมบูรณ์ การศึกษาความเหมาะสมการจัดการกากของเสียภายในทำอากาศยานสุวรรณภูมิ เดือนมิถุนายน 2545 การจัดการมูลฝอยในทำอากาศยานฯ ในเบื้องต้นให้มีการจัดการดังนี้





### ภาคผนวกที่ 13

แผนบำรุงรักษา ป้องกัน การทำงาน  
ของระบบบำบัดน้ำเสียเบื้องต้น



[illegible]



**แผนที่ 2 แผนบำรุงรักษาป้องกัน**

**pH Meter**

**(Portable และ Online Monitoring)**



**แผนปฏิบัติการด้านสิ่งแวดล้อม ประจำปี 2567**  
**โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น**  
**บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด**

<b>ชื่อแผน 2.</b>	แผนการบำรุงรักษาป้องกัน (Preventive Maintenance) อุปกรณ์ pH Meter Portable และ pH Monitor Online ซึ่งใช้ในการตรวจสอบคุณภาพน้ำในบ่อปรับสภาพน้ำ และน้ำทิ้งก่อนปล่อยออกสู่ภายนอกพื้นที่ ของโรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็น จำกัด
<b>วัตถุประสงค์</b>	เพื่อเฝ้าระวังและควบคุมคุณภาพน้ำทิ้งที่ปล่อยออกนอกพื้นที่โรงไฟฟ้าและหน่วยผลิตน้ำเย็น ให้มีค่าอยู่ในเกณฑ์ตามที่กฎหมายกำหนด โดยตรวจสอบอุปกรณ์ในระบบให้ มีความสมบูรณ์ ถูกต้องและเที่ยงตรง
<b>เป้าหมาย</b>	<ol style="list-style-type: none"><li>1. มีแผนการบำรุงรักษาและสอบเทียบอุปกรณ์ ตามแผนที่กำหนด</li><li>2. มีรายงานผลการบำรุงรักษาอุปกรณ์ ตามแผนที่กำหนด</li><li>3. เพื่อให้การรายงานผลการตรวจวัดค่า pH ของน้ำทิ้ง มีความถูกต้อง เที่ยงตรงและเชื่อถือได้</li></ol>
<b>ผู้รับผิดชอบ</b>	<ol style="list-style-type: none"><li>1. หมวดเดินเครื่อง โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น มีหน้าที่เฝ้าระวัง และตรวจสอบผลการตรวจวัดคุณภาพน้ำทิ้งให้มีค่าอยู่ในเกณฑ์ตามที่กฎหมายกำหนด</li><li>2. หมวดวางแผนการผลิตและบำรุงรักษา โครงการเดินเครื่องและบำรุงรักษา มีหน้าที่เฝ้าระวังและดูแลบำรุงรักษาอุปกรณ์ในระบบให้มีความสมบูรณ์ถูกต้องและเที่ยงตรง</li></ol>
<b>แผนการดำเนินการ</b>	<ol style="list-style-type: none"><li>1. ทำการ Calibrate pH Meter Portable ซึ่งใช้ในการตรวจวัดคุณภาพน้ำทิ้งจาก จุกระบายน้ำทิ้งทุกๆจุด ที่ออกจาก โรงไฟฟ้าและหน่วยผลิตน้ำเย็น ทุก 4 เดือน</li><li>2. ทำการ Calibrate pH Monitor Online ซึ่งใช้ในการตรวจวัดคุณภาพน้ำทิ้งจากจุกระบายน้ำทิ้งของ Holding Pond ทุก 3 เดือน</li></ol>



3. ทำการ Calibrate pH Monitor Online ซึ่งใช้ในการตรวจวัดคุณภาพน้ำ  
ทิ้งจากระบบ Neutralization ของน้ำทิ้งจาก Water Treatment Plant ทุก 3  
เดือน
4. ทำความสะอาด Sensor ของ pH Monitor Online ซึ่งใช้ในการตรวจวัด  
คุณภาพน้ำทิ้งจากจุดระบายน้ำทิ้งของ Holding Pond ทุก 1 เดือน

ระยะเวลาดำเนินการ 1 มกราคม 2567 ถึง 31 ธันวาคม 2567

งบประมาณที่ใช้ งบทำการ คกบผ.

#### เอกสารประกอบการดำเนินการ

1. แผนการดำเนินการ
2. Inspection Sheet การ Calibrate pH Portable Meter
3. Inspection Sheet การ Calibrate pH Monitor Online ณ จุดระบายน้ำ  
ทิ้งของ Holding Pond
4. Inspection Sheet การ Calibrate pH Monitor Online ของระบบ  
Neutralization ที่ Water Treatment Plant
5. Inspection Sheet การทำความสะอาด Sensor ของ pH Monitor Online  
ณ จุดระบายน้ำทิ้งของ Holding Pond

อนุมัติ

**พิพัฒน์พงศ์ ดินเต็ม**

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

มบส-บผ.

วันที่..... 3 มกราคม 2567



## Inspection Sheet for pH Portable Meter

Technical Data	
Measuring range pH	-2.000 to +20.000
Readability	0.001 / 0.01 / 0.1 ,selectable
Accuracy	± 0.005
Measuring range pH in mV	-2000.0 to +2000.0
Readability in mV	0.1 / 1 ,selectable
Accuracy in mV	± 1 >   1000
Measuring range pH in °C	-5 to 105 °C (23 to 221 °F)
Readability in °C	0.1
Accuracy in °C	± 0.2

Inspection Sheet No.	
Plant	Water Treatment Plant
Location	Laboratory room
Local Code	-
Serial Number :	C408649709
Drawing No.	-
Manual Code:	-
P&I Diagram No.	-
Manufacture :	Metler Toledo
Model :	pH/Ton
Dealer :	Metler Toledo
	Tel : (662)2723-0381



7CHEMICAL EQUIPMENT PREVENTIVE MAINTENANCE PROGRAM YEAR 2023				REMARK
WEEK	17	34	51	
ITEM				
ACTUAL DATE	<b>22-Apr-67</b>	<b>29-Aug-67</b>	<b>23-Dec-67</b>	
Standard Buffer 1	(mV) <b>181.5</b>	(mV) <b>181</b>	(mV) <b>181.3</b>	
Standard Buffer 2	(mV) <b>6.2</b>	(mV) <b>6.2</b>	(mV) <b>6.3</b>	
Standard Buffer 3	(mV) <b>-167.7</b>	(mV) <b>-167.6</b>	(mV) <b>-167.2</b>	
Slope ( %)	<b>98.8% &amp; 97.6%</b>	<b>98.8% &amp; 97.6%</b>	<b>98.8% &amp; 97.6%</b>	<b>Acceptable Value 90 - 105 %</b>
Offset (mV)	<b>6.10</b>	<b>6.25</b>	<b>6.22</b>	
Standard Check	Read <b>10.02 (Error + 0.2%)</b>	Read <b>10.01 (Error + 0.1%)</b>	Read <b>10.04 (Error + 0.4%)</b>	
Recorded by				



## Inspection Sheet for pH Monitor Online System

Technical Data	
pH range	0 to 14 pH
pH Resolution	0.01 / 0.1 (adjustable)
pH Relative Accuracy	± 0.02 pH
mV Range	-1500 to +1500
mV Resolution	1 mV
mV Relative Accuracy	± 1 mV
Temperature input	Pt 100 / Pt 1000
Temperature measuring range	-20 to 200 °C (-4 to 392 °F)

Inspection Sheet No	
Plant	Power Plant
Location	Water Treatment Plant
Local Code	1WWA-PHT-0001
Serial Number :	
Drawing No.	DPPI-WWA-M2041-08
Manual Code:	SD-PP-ME-018
P&I Diagram No.	DPPI-WWA-M2041-08
Manufacture :	Polymetron
Model :	Transmitter 9135 / Sensor 8350
Dealer :	WATER TEST CO.,LTD. Tel : (662)993-6625-7



CHEMICAL EQUIPMENT PREVENTIVE MAINTENANCE PROGRAM YEAR 2023					
WEEK	8	21	32		REMARK
ITEM					
ACTUAL DATE	20-Feb-67	26-May-67	16-Aug-67		
Standard Buffer 1	(pH) 4.02	(pH) 3.94	(pH) 4.02		(HANNA) buffer 4.01
Standard Buffer 2	(pH) 9.18	(pH) 9.36	(pH) 9.24		(HANNA) buffer 9.18
Slope ( %)	90.6 %	95.6	90.92		Acceptable Value 70 - 120 %
Offset (pH)	-2.40	-1.76	-1.63		
Standard Check	Read 9.18 (Error 0.01)	Read 9.20 (Error 0.02)	Read 9.24 (Error 0.06)		(HANNA) buffer 9.18
Recorded by					



## Inspection Sheet for pH Monitor Online System

Technical Data	
pH range	-1.00 to +15.00 pH
pH Resolution	Auto / 0.01 / 0.1 / 1
pH Relative	± 0.03 pH
mV Range	-1500 to +1500
mV Resolution	1 mV
mV Relative	± 2 mV
Temperature input	PT1000 (PT100 with adapter)
Temperature	-30 to 130 °C (22 to 226 °F)

Inspection Sheet No.	
Plant	Power Plant
Location	Holding Pond
Local Code	
Serial Number :	
Drawing No.	
Manual Code:	
P&I Diagram No.	
Manufacture :	Mettler-Toledo
Model :	Transmitter M300
Dealer :	Mettler-Toledo (Thailand) Limited
	Tel : (662)719-6479




CHEMICAL EQUIPMENT PREVENTIVE MAINTENANCE PROGRAM YEAR 2022					
ITEM	8	21			REMARK
ACTUAL DATE	23-Feb-67	26-May-67			
Standard Buffer 1	(pH) 6.86	(pH) 6.87			(HANNA) buffer 6.86
Standard Buffer 2	(pH) 9.18	(pH) 9.20			(HANNA) buffer 9.18
Slope ( % )	55.92 %	100 %			Acceptable Value 80 - 110 %
Offset (pH)	6.67	7.17			Acceptable Value -6.5 - 7.5 mV
Standard Check	Read 9.18 (Error 0.03%)	Read 9.20 (Error 0.02%)			(HANNA) buffer 9.18
Recorded by					
DEMAND	คหระหว่งจัดซื้อยาเคมี				

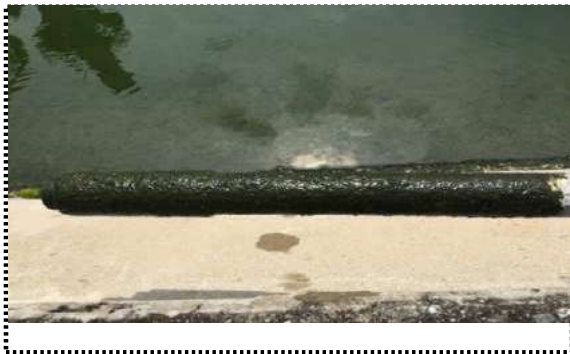



DISTRICT COOLING SYSTEM AND POWER PLANT


ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือนมกราคม พ.ศ. 2567



Date: 31/1/2024

ITEM	DESCRIPTION	INSPECTION			REMARK
1	สภาพ pH sensor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	สภาพทั่วไปปกติ ไม่ปกติ ระบุ	
		<div><div><p>รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา</p></div><div><p>รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา</p></div></div>			อ่านค่าอุณหภูมิได้ปกติ อ่านค่า pH ได้ปกติ

ผู้ตรวจสอบ

  
( วท. ชินพัฒน ภู่อ่างทอง )

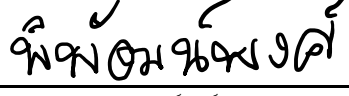
ตำแหน่ง

วท . 7

วันที่

31/1/2024

ผู้รับรองการรายงานผล

  
(วศ. พิชณพงษ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

31/1/2024



## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือนกุมภาพันธ์ พ.ศ. 2567



Date: 28/2/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ  รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา	อ่านค่า <u>อุณหภูมิ</u> ได้ปกติ <u>อ่านค่า</u> pH <u>ได้ปกติ</u>

ผู้ตรวจสอบ

(วท. ชินวัฒน์ ภูปรางทอง)

ตำแหน่ง

วท. 7

วันที่

28/2/2024

ผู้รับรองการรายงานผล

พิพัฒน์พงษ์วงศ์

(วศ. พิพัฒน์พงษ์ ดินเดิม)

ตำแหน่ง

มบส-บผ

วันที่

28/2/2024





## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือนมีนาคม พ.ศ. 2567



Date: 28/3/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ  รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา	อ่านค่า <del>อุณหภูมิ</del> ได้ปกติ อ่านค่า pH <del>ได้ปกติ</del>

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่อ่างทอง )

ตำแหน่ง

วท . 7

วันที่

28/3/2024

ผู้รับรองการรายงานผล

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

28/3/2024

พิพัฒน์พงศ์



## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือนเมษายน พ.ศ. 2567



Date: 29/4/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ	อ่านค่าอุณหภูมิ ได้ปกติ อ่านค่า pH ได้ปกติ
		 รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา	 รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่อ่างทอง )

ตำแหน่ง

วท . 7

วันที่

29/4/2024

ผู้รับรองการรายงานผล

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

29/4/2024

พิพัฒน์พงศ์ ดินเต็ม





## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือน พฤษภาคม พ.ศ. 2567



Date: 30/5/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ	อ่านค่าอุณหภูมิ ได้ปกติ อ่านค่า pH ได้ปกติ
		 รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา	
		 รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา	

ผู้ตรวจสอบ

(วท. ชินพัฒน์ ภู่อ่างทอง)

ตำแหน่ง

วท . 7

วันที่

30/5/2024

ผู้รับรองการรายงานผล

พิพัฒน์ พงศ์

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

30/5/2024



## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือน มิถุนายน พ.ศ. 2567



Date: 27/6/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input type="checkbox"/> ปกติ <input checked="" type="checkbox"/> ไม่ปกติ ระบุ Sensor มีความผิดปกติ ทางบริษัทรับไปเพื่อจะเคลม	อ่านค่าอุณหภูมิ = อ่านค่า pH =
		 รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา	
		 รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่อ่างทอง )

ตำแหน่ง

วท . 7

วันที่

27/6/2024

ผู้รับรองการรายงานผล

พิพัฒน์ พงศ์

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

27/6/2024



## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือน กรกฎาคม พ.ศ. 2567



Date: 24/7/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ	อ่านค่าอุณหภูมิ ได้ปกติ อ่านค่า pH ได้ปกติ
		 รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา	 รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา

ผู้ตรวจสอบ

(วท. ชินพัฒน์ ภู่อ่างทอง)

ตำแหน่ง

วท . 7

วันที่

24/7/2024

ผู้รับรองการรายงานผล

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

24/7/2024



## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือน สิงหาคม พ.ศ. 2567



Date: 29/8/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ	อ่านค่าอุณหภูมิ ได้ปกติ อ่านค่า pH ได้ปกติ
		 รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา	 รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่อ่างทอง )

ตำแหน่ง

วท . 7

วันที่

29/8/2024

ผู้รับรองการรายงานผล

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

29/8/2024





## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือน กันยายน พ.ศ. 2567



Date: 26/9/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ	อ่านค่าอุณหภูมิ ได้ปกติ อ่านค่า pH ได้ปกติ
		<div> รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา</div> <div> รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา</div>	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูโปร่งทอง )

ตำแหน่ง

วท . 7

วันที่

26/9/2024

ผู้รับรองการรายงานผล

พิพัฒน์ พงศ์

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

26/9/2024



## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือน ตุลาคม พ.ศ. 2567



Date: 29/10/2024

ITEM	DESCRIPTION	INSPECTION		REMARK
1	สภาพ pH sensor	สภาพทั่วไป	<input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ	อ่านค่าอุณหภูมิ ได้ปกติ อ่านค่า pH ได้ปกติ
				
		รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา	รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่อ่างทอง )

ตำแหน่ง

วท . 7

วันที่

29/10/2024

ผู้รับรองการรายงานผล

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

29/10/2024

พิพัฒน์พงศ์ ดินเต็ม



## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือน พฤศจิกายน พ.ศ. 2567



Date:

28/11/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ <div>   </div> <div>           รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา           รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา         </div>	อ่านค่าอุณหภูมิ ได้ปกติ อ่านค่า pH ได้ปกติ

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่อ่างทอง )

ตำแหน่ง

วท . 7

วันที่

28/11/2024

ผู้รับรองการรายงานผล

พิพัฒน์ พงศ์

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

28/11/2024



## DISTRICT COOLING SYSTEM AND POWER PLANT

ผลการตรวจสอบสภาพ pH sensor (Online Monitoring) ประจำเดือน ธันวาคม พ.ศ. 2567



Date:

26/12/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	สภาพ pH sensor	สภาพทั่วไป <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ	อ่านค่าอุณหภูมิ ได้ปกติ อ่านค่า pH ได้ปกติ
		 รูปที่ 1 แสดงสภาพหัว pH sensor ก่อนการบำรุงรักษา	 รูปที่ 2 แสดงสภาพหัว pH sensor หลังการบำรุงรักษา

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่อ่างทอง )

ตำแหน่ง

วท . 7

วันที่

26/12/2024

ผู้รับรองการรายงานผล

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

26/12/2024



[illegible]



## **แผนที่ 7 แผนการตรวจสอบ Oil Separator**



**แผนปฏิบัติการด้านสิ่งแวดล้อม ประจำปี 2567**  
**โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น**  
**บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด**

ชื่อแผน 7.	แผนการตรวจสอบ Oil Separator ซึ่งเป็นส่วนหนึ่งของระบบบำบัดน้ำทิ้งก่อนปล่อยออกสู่พื้นที่ของโรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด
วัตถุประสงค์	เพื่อเฝ้าระวังและควบคุมคุณภาพน้ำทิ้งที่ปล่อยออกนอกพื้นที่ โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็น จำกัด ให้มีค่าอยู่ในเกณฑ์ตามที่กฎหมายกำหนด รวมทั้งการตรวจสอบสภาพและทำความสะอาด Oil Separator ตามวาระ
เป้าหมาย	<ol style="list-style-type: none"><li>1. มีแผนการบำรุงรักษาระบบ Oil Separator และดำเนินการตามแผนที่กำหนด</li><li>2. มีรายงานผลการบำรุงรักษาตามแผนที่กำหนด</li><li>3. ควบคุมคุณภาพน้ำทิ้งให้อยู่ในเกณฑ์ที่กฎหมายกำหนด โดยเฉพาะค่าน้ำมันและไขมัน (F-O-G) ต้องไม่เกิน 5.0 มก. /ล.</li></ol>
ผู้รับผิดชอบ	<ol style="list-style-type: none"><li>1. หมวดเดินเครื่องโครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น มีหน้าที่ควบคุมระบบการทำงานของ Oil Separator เพื่อควบคุมคุณภาพน้ำทิ้งให้มีค่าอยู่ในเกณฑ์ตามที่กฎหมายกำหนด</li><li>2. หมวดวางแผนการผลิตและบำรุงรักษา โครงการเดินเครื่องและบำรุงรักษา มีหน้าที่เฝ้าระวังและดูแลบำรุงรักษา Oil Separator ให้มีความสมบูรณ์และพร้อมสำหรับการใช้งาน</li></ol>
แผนการดำเนินการ	<ol style="list-style-type: none"><li>1. แยกน้ำมัน สารแขวนลอย ออกจาก Separator Tank ทุก 1 เดือน</li></ol>
ระยะเวลาดำเนินการ	1 มกราคม 2567 ถึง 31 ธันวาคม 2567
งบประมาณที่ใช้	งบทำการ คกบพ.



## เอกสารประกอบการดำเนินการ

- 1.แผนการดำเนินการ
- 2.แบบฟอร์มการตรวจสภาพ Oil Separator

อนุมัติ

พิพัฒน์พงษ์วงศ์

(วศ. พัฒน์พงษ์ ดินเต็ม)

มบส-บศ.

วันที่..... 3 มกราคม 2567 .....







# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 31/1/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กักจัด <b>2</b> ลิตร  รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่อ่างทอง )

ตำแหน่ง

วท . 7

วันที่

31/1/2024

ผู้รับรองการรายงานผล

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

31/1/2024





# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 28/2/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กักจัด - ลิตร   รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่อ่างทอง )

ตำแหน่ง

วท . 7

วันที่

28/2/2024

ผู้รับรองการรายงานผล

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

28/2/2024






# DISTRICT COOLING SYSTEM AND POWER PLANT



## ผลการตรวจสอบสภาพ Oil Separator

Date: 28/3/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กักจัด <b>2</b> ลิตร  รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูปร่างทอง )

ตำแหน่ง

วท . 7

วันที่

28/3/2024

ผู้รับรองการรายงานผล

พิพัฒน์พงษ์งค์

(วศ. พิพัฒน์พงศ์ ดินเดิม)

ตำแหน่ง

มบส-บผ

วันที่

28/3/2024




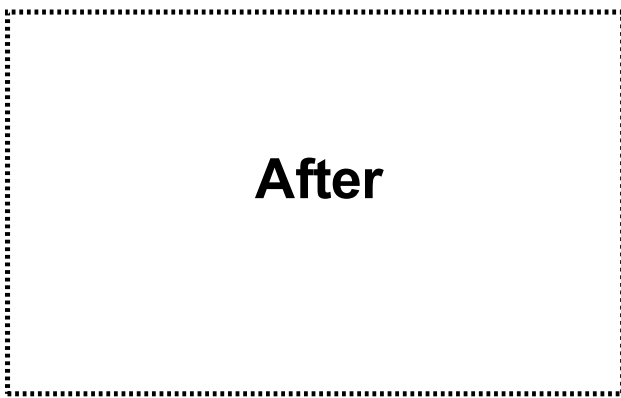


# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 29/4/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กำจัด - ลิตร  รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูปรางทอง )

ตำแหน่ง

วท . 7

วันที่

29/4/2024

ผู้รับรองการรายงานผล

พิพัฒน์ พงศ์

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

29/4/2024





# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 30/5/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กำจัด 1.5 ลิตร  รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูปรางทอง )

ตำแหน่ง

วท . 7

วันที่

30/5/2024

ผู้รับรองการรายงานผล

พิพัฒน์ พงศ์

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

30/5/2024





# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 27/6/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กำจัด 5 ลิตร  รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูปรางทอง )

ตำแหน่ง

วท . 7

วันที่

27/6/2024

ผู้รับรองการรายงานผล

พิพัฒน์พงษ์งค์

(วศ. พิพัฒน์พงษ์งค์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

27/6/2024







# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 24/7/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กักจัด 3 ลิตร  รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูปรางทอง )

ตำแหน่ง

วท . 7

วันที่

24/7/2024

ผู้รับรองการรายงานผล

พิพัฒน์พงษ์ศักดิ์

(วศ. พิพัฒน์พงษ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

24/7/2024







# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 29/8/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กำจัด 0 ลิตร   รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภู่ปรางทอง )

ตำแหน่ง

วท . 7

วันที่

29/8/2024

ผู้รับรองการรายงานผล

พิพัฒน์พงษ์

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

29/8/2024






# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 26/9/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กักจัด 0 ลิตร  รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูปรางทอง )

ตำแหน่ง

วท . 7

วันที่

26/9/2024

ผู้รับรองการรายงานผล

พิพัฒน์พงศ์ ดินเต็ม

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

26/9/2024







# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 29/10/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กักจัด 0.5 ลิตร  รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูปรางทอง )

ตำแหน่ง

วท . 7

วันที่

29/10/2024

ผู้รับรองการรายงานผล

พิพัฒน์พงศ์ ดินเต็ม

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

29/10/2024







# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 28/11/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ ปริมาณ Waste Oil ที่กำจัด 0 ลิตร  รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา  รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูปรางทอง )

ตำแหน่ง

วท . 7

วันที่

28/11/2024

ผู้รับรองการรายงานผล

พิพัฒน์ พงศ์

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

28/11/2024





# DISTRICT COOLING SYSTEM AND POWER PLANT

## ผลการตรวจสอบสภาพ Oil Separator



Date: 27/12/2024

ITEM	DESCRIPTION	INSPECTION	REMARK
1	Oil Separator	<p>สภาพ Oil Separator Tank <input checked="" type="checkbox"/> ปกติ <input type="checkbox"/> ไม่ปกติ ระบุ</p> <p>ปริมาณ Waste Oil ที่กำจัด 0 ลิตร</p> <div><div>Before</div><div>After</div></div> <p>รูปที่ 1 แสดงสภาพ Oil Separator Tank ก่อนการบำรุงรักษา</p> <p>รูปที่ 2 แสดงสภาพ Oil Separator Tank หลังการบำรุงรักษา</p>	

ผู้ตรวจสอบ

( วท. ชินพัฒน์ ภูปรางทอง )

ตำแหน่ง

วท . 7

วันที่

27/12/2024

ผู้รับรองการรายงานผล

พิพัฒน์ พงศ์

(วศ. พิพัฒน์พงศ์ ดินเต็ม)

ตำแหน่ง

มบส-บผ

วันที่

27/12/2024






## ภาคผนวกที่ 14

ขั้นตอนการดำเนินงาน เรื่อง รายงานและ  
การสอบสวนอุบัติเหตุ อุบัติการณ์



 <b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.	<p style="text-align: center;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;">ขั้นตอนการดำเนินงาน</p> <p style="text-align: center;">เรื่อง การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์</p>		
รหัสเอกสาร IP-DCP-06	แก้ไขครั้งที่ 2	วันที่บังคับใช้ 25 พฤษภาคม 2565	หน้า 1 / 10

## เอกสารควบคุม


### ขั้นตอนการดำเนินงาน

#### เรื่อง

#### การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์


จัดทำโดย _____ ชื่อ-สกุล _____ ตำแหน่ง พนักงานบริหารคุณภาพ ความปลอดภัย สังกัด สังกัดและอาชีวอนามัย	วันที่แจกจ่าย <u>24 พ.ค. 2565</u>
ตรวจสอบโดย _____ ชื่อ-สกุล _____ ตำแหน่ง ผู้จัดการส่วนบริหารองค์กร	
อนุมัติโดย _____ ชื่อ-สกุล _____ ตำแหน่ง ผู้จัดการฝ่ายจัดการธุรกิจ	วันที่มีผลบังคับใช้ <u>25 พ.ค. 2565</u>



 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์</p>		
รหัสเอกสาร IP-DCP-06	แก้ไขครั้งที่ 2	วันที่บังคับใช้ 25 พฤษภาคม 2565	หน้า 2 / 10

ตารางการแจกจ่ายเอกสารควบคุม			
ประเภท	สำเนาหมายเลข	ชื่อ/ตำแหน่ง/แหล่งข้อมูล	หมายเลขเครื่อง/สถานที่
เอกสารต้นฉบับ	-	เจ้าหน้าที่ควบคุมระบบเอกสารและข้อมูล	สำนักงาน DCAP
Hard Copy	สำเนาหมายเลข 1	คกบผ.	สำนักงาน คกบผ.
Electronic Copy	Copy Files 1	พนักงานบริหารทั่วไป/IT	Server DCAP (ISO) /Central Control Room
Electronic Copy	Copy Files 2	คกบผ.	สำนักงาน คกบผ.



 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์</p>		
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 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์</p>		
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### 1. วัตถุประสงค์

เพื่อเป็นแนวทางในการรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์ รวมทั้งเพื่อเป็นแนวทางในการกำหนดมาตรการป้องกันหรือลดความสูญเสีย หรือผลกระทบที่อาจจะเกิดจากอุบัติเหตุ อุบัติการณ์


### 2. ขอบเขต

ขั้นตอนการดำเนินงานนี้ใช้ในการรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์ ที่เกิดขึ้นกับกระบวนการ ทรัพย์สิน บุคคล สิ่งแวดล้อม ภายใต้กิจกรรมกระบวนการผลิตและจำหน่ายไฟฟ้า ไอน้ำและน้ำเย็น ที่เกี่ยวเนื่องกับระบบบริหารงานคุณภาพ ความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม ในพื้นที่โรงไฟฟ้าหน่วยผลิตน้ำเย็น ของ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

### 3. คำจำกัดความ

บริษัทฯ	หมายถึง บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด
ผู้จัดการใหญ่	หมายถึง ผู้จัดการใหญ่ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด
ผู้จัดการฝ่าย	หมายถึง ผู้บังคับบัญชาระดับผู้จัดการฝ่าย ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด
คกบผ.	หมายถึง โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (คกบผ.)
อุบัติเหตุ	หมายถึง เหตุการณ์ที่ไม่พึงประสงค์ที่อาจเกิดจากการที่ไม่ได้คาดคิดไว้ล่วงหน้าหรือไม่ทราบล่วงหน้าหรือขาดการควบคุม แต่เมื่อเกิดขึ้นแล้วมีผลให้เกิดการบาดเจ็บหรือความเจ็บป่วยจากการทำงานหรือการเสียชีวิต หรือความสูญเสียต่อทรัพย์สิน กระบวนการผลิตหยุดชะงัก หรือความเสียหายต่อสิ่งแวดล้อมหรือต่อสาธารณชน
อุบัติการณ์	หมายถึง เหตุการณ์ที่เกิดขึ้นในลักษณะเช่นเดียวกันกับการเกิดอุบัติเหตุ แต่ผลของอุบัติการณ์ไม่ทำให้ผู้ใดได้รับบาดเจ็บ ทรัพย์สินไม่เสียหาย ไม่ส่งผลกระทบกับกระบวนการผลิตและสิ่งแวดล้อม หรืออาจเรียกเหตุการณ์ที่เกิดขึ้นนี้อีกอย่างหนึ่งว่าเป็นเหตุการณ์เกือบเกิดอุบัติเหตุ (Incident or Near Miss) ซึ่งการเกิดอุบัติการณ์บ่อยครั้ง อาจนำมาซึ่งการเกิดอุบัติเหตุได้ ถ้าไม่ได้รับการควบคุมป้องกัน



 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์</p>		
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ระบบคุณภาพ หมายถึง ระบบบริหารงานคุณภาพ และ/หรือ ระบบการจัดการด้านสิ่งแวดล้อม และ/หรือ ระบบการจัดการอาชีวอนามัยและความปลอดภัย

#### 4. ขั้นตอนการดำเนินงาน

##### 4.1 การรายงานและการสอบสวนอุบัติเหตุ

- 1) ผู้ประสบเหตุหรือผู้พบเห็นเหตุการณ์ ต้องรายงานเหตุการณ์การเกิดอุบัติเหตุทันที ต่อ ผู้บังคับบัญชา หรือ เจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ (กรณีเกิดอุบัติเหตุกับบุคคล)
- 2) ผู้บังคับบัญชาหรือผู้มีอำนาจสูงสุด เมื่อได้รับรายงานให้สั่งการเพื่อดำเนินการแก้ไขเหตุการณ์ เบื้องต้นหรือจัดการสถานที่เกิดเหตุ โดยกั้นพื้นที่ห้ามผู้ที่ไม่มีส่วนเกี่ยวข้องเข้าไปในบริเวณเกิดเหตุ พร้อมประเมินความรุนแรงของอุบัติเหตุเบื้องต้น
- 3) กรณีเกิดอุบัติเหตุกับบุคคลให้เร่งดำเนินการช่วยเหลือผู้บาดเจ็บให้ได้รับการปฐมพยาบาลเบื้องต้น หรือจัดให้ได้รับความช่วยเหลือทางการแพทย์ โดยเร็วที่สุด
- 4) ผู้พบเห็นเหตุการณ์หรือผู้ประสบเหตุหรือผู้บังคับบัญชาของผู้ประสบเหตุ หรือ จป.วิชาชีพ จัดทำ รายงานการประสบอุบัติเหตุ ตามแบบฟอร์มรายงานการเกิดอุบัติเหตุ อุบัติการณ์ (FM-IP-DCP-06-01) พร้อมแนบเอกสารหลักฐานประกอบ (ถ้ามี) เพื่อรายงานผู้บริหารตามลำดับ บังคับบัญชา โดยให้รายงานภายใน 2 วันทำการนับจากวันเกิดเหตุ
- 5) เมื่อผู้บริหารได้รับรายงานแล้วต้องจัดให้มีการประชุมเพื่อสอบสวนและวิเคราะห์อุบัติเหตุ ภายใน 5 วันทำการและในกรณีที่เกิดอุบัติเหตุเกี่ยวกับบุคคลต้องดำเนินการสอบสวน ร่วมกับ จป.หัวหน้างาน และหรือ จป.วิชาชีพ โดยให้ดำเนินการดังนี้
  - สอบสวนผู้ประสบเหตุและผู้อยู่ในเหตุการณ์
  - ค้นหาลักษณะการประสบเหตุหรือสิ่งที่ทำให้เกิดอุบัติเหตุ
  - วิเคราะห์สาเหตุของเหตุการณ์ว่าเกิดจากการกระทำที่ไม่ปลอดภัย สภาพการทำงานที่ไม่ปลอดภัย หรือปัจจัยอื่นๆ ที่มีสาเหตุจากพื้นฐานของคน ระบบการจัดการ เป็นต้น
  - กำหนดหนทางในการดำเนินการแก้ไขและป้องกัน และผู้รับผิดชอบ




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ระดับความรุนแรง	ผลกระทบ					ผู้ร่วมสอบสวนกรณีอุบัติเหตุเกี่ยวกับบุคคล
	บุคคล	ทรัพย์สิน	กระบวนการผลิต	การบริการ	สิ่งแวดล้อม	
A	เสียชีวิต สูญเสียอวัยวะ ทุพพลภาพ	≥ 2,500,001 บาท	สูญเสียกำลังการผลิต 100 % ทำให้ Unit Trip หรือเสียโอกาสการผลิตและจำหน่าย	ยกเลิกการบริการ	มีผลกระทบสูง และไม่สามารรถฟื้นฟูได้ หรือใช้เวลานานมาก แพร่กระจายสู่ชุมชนภายนอก	ผู้จัดการใหญ่ / รองผู้จัดการใหญ่ / ผู้จัดการฝ่าย / คกบผ./ผู้จัดการส่วน /จป.
B	บาดเจ็บ / เจ็บป่วย หยุดงาน มากกว่า 3 วัน	250,001- 2,500,000 บาท	สูญเสียกำลังการผลิต ตั้งแต่ 50 % ขึ้นไป	หยุดการบริการชั่วคราวตั้งแต่ 1 วันขึ้นไป	มีผลกระทบรุนแรง แต่สามารถฟื้นฟูได้ภายใน 1 เดือน แพร่กระจายออกสู่พื้นที่ใกล้เคียง	รองผู้จัดการใหญ่ / ผู้จัดการฝ่าย / คกบผ./ผู้จัดการส่วน /จป.
C	บาดเจ็บ / เจ็บป่วย หยุดงาน 1-3 วัน	25,001 - 250,000 บาท	สูญเสียกำลังการผลิตน้อยกว่า 50 %	หยุดการบริการชั่วคราวน้อยกว่า 1 วัน	มีผลกระทบปานกลาง ใช้เวลาแก้ไข ฟื้นฟูไม่เกิน 1 สัปดาห์ แพร่กระจายภายในพื้นที่เกิดเหตุ	ผู้จัดการฝ่าย / คกบผ./ผู้จัดการส่วน /จป.
D	ปรุ้มพยาบาล ไม่หยุดงาน	≤ 25,000 บาท	ไม่มีผลต่อระบบการผลิต ฯ	มีผลกระทบเล็กน้อยไม่หยุดการบริการ	มีผลกระทบน้อย แก้ไขได้ทันที ไม่มีการแพร่กระจาย	ผู้จัดการส่วน / คกบผ. /จป.

- 6) หัวหน้างาน จป. วิชาชีพ หรือผู้ได้รับมอบหมาย บันทึกสรุปข้อมูลการสอบสวนอุบัติเหตุลงในแบบฟอร์มรายงานการสอบสวนอุบัติเหตุ อุบัติการณ์ (FM-IP-DCP-06-02) และดำเนินการสื่อสารผลการสอบสวนอุบัติเหตุให้หน่วยงานต่าง ๆ ที่เกี่ยวข้องทราบ
- 7) ผู้ได้รับมอบหมาย ดำเนินการแก้ไขและป้องกัน ตามที่กำหนดตามรายงานการสอบสวนอุบัติเหตุ อุบัติการณ์ (FM-IP-DCP-06-02)
- 8) หัวหน้างาน คณะกรรมการความปลอดภัยฯ หรือ จป.วิชาชีพ หรือผู้ได้รับมอบหมายดำเนินการตรวจติดตามผลการแก้ไขและป้องกันอุบัติเหตุและดำเนินการสื่อสารผลการสอบสวนให้พนักงานและผู้เกี่ยวข้องทราบ
- 9) ดำเนินการทบทวนผลการป้องกันอันตรายและประเมินความเสี่ยงจากกรณีที่เกิดอุบัติเหตุตามขั้นตอนการดำเนินงานเรื่องการป้องกันอันตรายและประเมินความเสี่ยง (SP-DCP-01)



 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;"><b>ขั้นตอนการดำเนินงาน</b> <b>เรื่อง การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์</b></p>		
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#### 4.2 การรายงานและการสอบสวนอุบัติเหตุ (เหตุการณ์เกือบเกิดอุบัติเหตุ)

- 1) ผู้ประสบเหตุหรือผู้พบเห็นเหตุการณ์ ต้องแจ้งเหตุการณ์เกือบเกิดอุบัติเหตุต่อผู้บังคับบัญชาหรือเจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ (กรณีเกิดเหตุการณ์เกือบเกิดอุบัติเหตุกับบุคคล) ภายใน 1 วันทำการ
- 2) ผู้ประสบเหตุหรือผู้พบเห็นเหตุการณ์ หรือผู้ได้รับมอบหมายเขียนรายงานอุบัติเหตุ (เหตุการณ์เกือบเกิดอุบัติเหตุ) ตามแบบฟอร์มรายงานการเกิดอุบัติเหตุ อุบัติการณ์ (FM-IP-DCP-06-01) พร้อมแนบเอกสารหลักฐานประกอบ (ถ้ามี) เพื่อรายงานผู้บริหารตามลำดับบังคับบัญชา ภายใน 3 วันทำการ
- 3) ผู้บริหารเมื่อได้รับรายงานต้องจัดให้มีการประชุมเพื่อสอบสวนและวิเคราะห์อุบัติเหตุ(เหตุการณ์เกือบเกิดอุบัติเหตุ)ภายใน 7 วันทำการและในกรณีที่เหตุการณ์เกือบเกิดอุบัติเหตุเกี่ยวกับบุคคลต้องดำเนินการสอบสวนร่วมกับ จป.หัวหน้างานและหรือ จป.วิชาชีพ โดยให้ดำเนินการดังนี้
  - สอบสวนผู้ประสบเหตุและผู้อยู่ในเหตุการณ์
  - ค้นหาลักษณะอุบัติเหตุ หรือสิ่งที่ทำให้เกิดเหตุการณ์เกือบเกิดอุบัติเหตุ
  - วิเคราะห์สาเหตุของอุบัติเหตุว่าเกิดจากการกระทำที่ไม่ปลอดภัย สภาพการทำงานที่ไม่ปลอดภัย หรือปัจจัยอื่นๆ ที่มีสาเหตุจากพื้นฐานของคน ระบบการจัดการ เป็นต้น
  - กำหนดหนทางในการป้องกัน และผู้รับผิดชอบ
- 4) หัวหน้างานหรือจป. วิชาชีพหรือผู้ได้รับมอบหมายบันทึกสรุปข้อมูลการสอบสวนอุบัติเหตุ (เหตุการณ์เกือบเกิดอุบัติเหตุ) ลงในแบบฟอร์มรายงานการสอบสวนอุบัติเหตุ/อุบัติเหตุ (FM-IP-DCP-06-02)
- 5) ผู้ได้รับมอบหมาย ดำเนินการป้องกันตามที่กำหนดตามรายงานการสอบสวนอุบัติเหตุ (FM-IP-DCP-06-02)
- 6) หัวหน้างาน คณะกรรมการความปลอดภัยฯ/จป.วิชาชีพ หรือผู้ได้รับมอบหมาย ดำเนินการตรวจติดตามผลการป้องกันและดำเนินการสื่อสารผลการสอบสวนและผลการป้องกันให้พนักงานและผู้เกี่ยวข้องทราบ

#### 5. เอกสารสนับสนุน

- 1) ขั้นตอนการดำเนินงานเรื่องการป้องกันอันตรายและประเมินความเสี่ยง (SP-DCP-01)



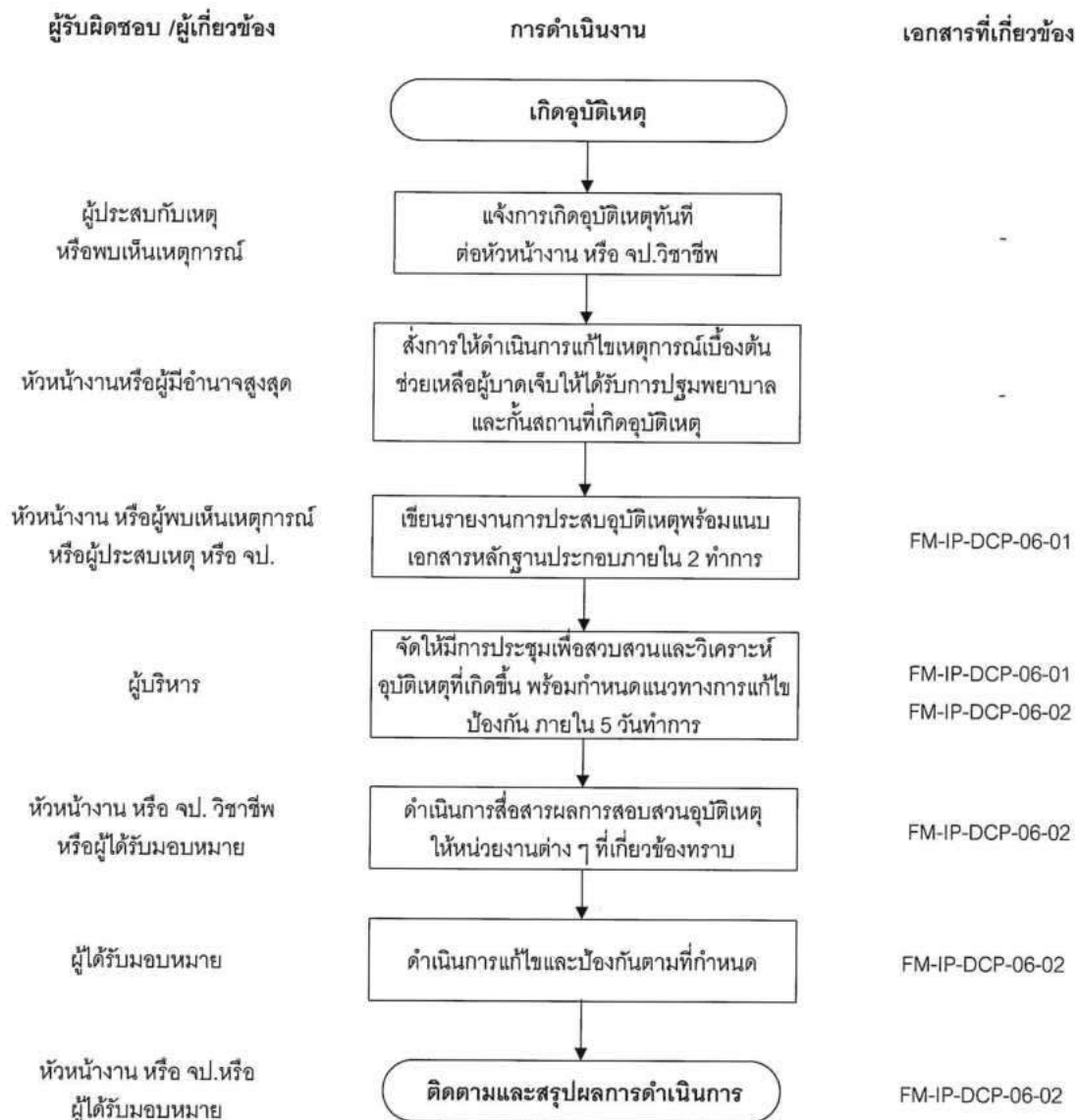
 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;"><b>ขั้นตอนการดำเนินงาน</b> <b>เรื่อง การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์</b></p>		
รหัสเอกสาร IP-DCP-06	แก้ไขครั้งที่ 2	วันที่บังคับใช้ 25 พฤษภาคม 2565	หน้า 8 / 10

## 6. เอกสารบันทึกคุณภาพ

ลำดับ	ชื่อเอกสาร	รหัส	วิธีการจัดเก็บ	ระยะเวลา	สถานที่จัดเก็บ	ผู้รับผิดชอบ
1	รายงานการเกิดอุบัติเหตุ/อุบัติเหตุการณ์	FM-IP-DCP-06-01	เรียงตามลำดับวันที่	3 ปี	สำนักงาน DCAP	DCC / จป.วิชาชีพ
2	รายงานการสอบสวนอุบัติเหตุ/อุบัติเหตุการณ์	FM-IP-DCP-06-02	เรียงตามลำดับวันที่	3 ปี	สำนักงาน DCAP	DCC / จป.วิชาชีพ

## 7. แผนผังขั้นตอนการดำเนินงาน

### 7.1 การรายงานและการสอบสวนอุบัติเหตุ



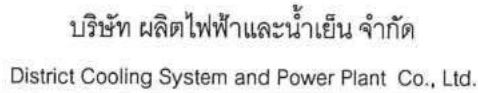


 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;">ขั้นตอนการดำเนินงาน เรื่อง การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์</p>		
รหัสเอกสาร IP-DCP-06	แก้ไขครั้งที่ 2	วันที่บังคับใช้ 25 พฤษภาคม 2565	หน้า 9 / 10

## 7.2 การรายงานและการสอบสวนอุบัติเหตุ







### ขั้นตอนการดำเนินงาน

เรื่อง การรายงานและการสอบสวนอุบัติเหตุ อุบัติการณ์

รหัสเอกสาร IP-DCP-06

## แก้ไขครั้งที่ 2

วันที่บังคับใช้ 25 พฤษภาคม 2565

หน้า 10 / 10

## ตารางการแก้ไขเอกสารควบคุม

[illegible]





## ภาคผนวกที่ 15

เอกสารขออนุญาตนำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว  
ออกนอกบริเวณโรงงาน (กอ.1)





หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780  
หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับผิดชอบการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	4.167	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	5.833	073	20190300225401	
3	150202	วัสดุปนเปื้อน	5.833	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	8.333	071	20190300225401	
5	160215	หลอดไฟ	0.417	049	10190000825494	
6	170203	PVC Fill Pack	25.000	011	10240201625563	
7	170603	ฉนวน (Insulation)	4.167	073	20190300225401	
8	130208	น้ำมันใช้แล้ว	7.000	042	10110001325526	
9	160507	Lithium Bromide	1.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 มกราคม 2567 ถึงวันที่ 31 ธันวาคม 2567

ออกให้ ณ วันที่ 1 มกราคม 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาฉบับนี้อนุญาตโดยใช้ระบบอิเล็กทรอนิกส์

รหัสการจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

- 011 คัดแยกประเภทเพื่อจำหน่ายต่อ (sorting)
- 021 กักเก็บในภาชนะบรรจุ (storage) ให้ระบุลักษณะการกักเก็บและภาชนะบรรจุ
- 031 นำกลับมาใช้ซ้ำ (reuse) ตามวัตถุประสงค์เดิมของวัสดุที่ไม่ใช่แล้วนั้น ๆ
- 032 ส่งกลับผู้ขายเพื่อกำจัด (return to original producer for disposal) ให้ระบุชื่อผู้ขายที่รับคืน
- 033 นำบรรจุภัณฑ์กลับไปบรรจุใหม่หรือใช้ซ้ำ (reuse container; to be refilled) ให้ระบุชื่อผู้ขายที่รับคืน
- 039 นำกลับมาใช้ซ้ำด้วยวิธีอื่น ๆ (other reuse methods) ตามวัตถุประสงค์เดิมของวัสดุที่ไม่ใช่แล้วนั้น ๆ ให้ระบุ
- 041 ใช้เป็นเชื้อเพลิงทดแทน (use as fuel substitution or burn for energy recovery) โดยตรงในเตาเผา (incinerator) หรือเตาอุตสาหกรรมซีเมนต์ (cement industrial furnace)
- 042 ทำเชื้อเพลิงผสม (fuel blending) เพื่อนำไปใช้เป็นเชื้อเพลิงสำหรับเตาเผา (incinerator) เตาอุตสาหกรรมซีเมนต์ (cement industrial furnace) หรือหม้อไอน้ำและเตาอุตสาหกรรม (boiler and industrial furnace) ระบุปลายทาง
- 043 เผาเพื่อใช้เป็นพลังงาน (burn for energy recovery) เฉพาะวัสดุที่ไม่ใช่แล้วที่ไม่เป็นของเสียอันตรายสำหรับเตาไฟ (stove) หรือหม้อไอน้ำและเตาอุตสาหกรรม (boiler and industrial furnace)
- 044 ใช้เป็นวัตถุดิบทดแทน (use as raw material substitution) ในเตาอุตสาหกรรมซีเมนต์ (cement industrial furnace)
- 045 ทำวัสดุผสม (material blending) เพื่อใช้เป็นวัตถุดิบทดแทน (use as raw material substitution) ในเตาอุตสาหกรรมซีเมนต์ (cement industrial furnace) ระบุปลายทาง
- 046 ทำเชื้อเพลิงทดแทนจากรัสต์ที่ไม่ใช่แล้วที่ไม่เป็นของเสียอันตราย สำหรับเตาอุตสาหกรรม เพื่อใช้ผลิตกระแสไฟฟ้าโดยเฉพาะ (use as fuel blending for energy recovery) ระบุปลายทาง
- 057 เข้ากระบวนการคืนสภาพทรายหล่อแบบที่ใช้งานแล้ว (spent green sand / no bake sand regeneration)
- 059 นำวัสดุที่ไม่ใช่แล้วอื่น ๆ กลับคืนมาใหม่ (other recovery unlisted materials) ให้ระบุ
- 061 บำบัดด้วยวิธีชีวภาพ (biological treatment) หรือวิธีเคมีชีวภาพ (chemical biological treatment)
- 062 บำบัดด้วยวิธีชีวภาพ (biological treatment) เพื่อใช้ก๊าซชีวภาพหรือก๊าซไฮโดรเจนเป็นพลังงาน
- 063 บำบัดด้วยวิธีทางเคมี (chemical treatment) หรือนำมาบำบัดด้วยวิธีทางกายภาพ (physical treatment) หรือนำมาบำบัดด้วยวิธีทางเคมีกายภาพ (physico-chemical treatment)
- 065 บำบัดน้ำเสียด้วยวิธีทางเคมีกายภาพ (physico-chemical treatment of wastewater)
- 066 เข้าระบบบำบัดน้ำเสียรวม (discharge into central wastewater treatment plant)
- 067 ปรับเสถียรด้วยวิธีทางเคมี (chemical stabilization)
- 068 ปรับเสถียรหรือตรึงทางเคมีโดยใช้ซีเมนต์หรือวัสดุ pozzolanic (chemical fixation using cementitious and/or pozzolanic material)
- 069 ใช้วิธีบำบัดอื่น ๆ เพื่อทำลายความเป็นพิษ (other detoxification methods) ให้ระบุ
- 071 ผังกลบตามหลักสุขาภิบาล (sanitary landfill) เฉพาะสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ไม่เป็นของเสียอันตรายเท่านั้น
- 072 ผังกลบอย่างปลอดภัย (secure landfill)
- 073 ผังกลบอย่างปลอดภัย เมื่อทำการปรับเสถียรหรือทำให้เป็นก้อนแข็งแล้ว (secure landfill of stabilized and/or solidified wastes)
- 074 เผาทำลาย (burn for destruction) ในเตาเผาขยะชุมชน หรือเตาเผาเฉพาะสำหรับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วที่ไม่เป็นของเสียอันตรายเท่านั้น



047 ใช้วัสดุที่ไม่ใช่แล้วที่ไม่เป็นของเสียอันตราย เพื่อใช้เป็นเชื้อเพลิงทดแทนโดยตรงในเตาเผา (incinerator) เพื่อผลิตกระแสไฟฟ้า

048 ใช้วัสดุที่ไม่ใช่แล้วที่เป็นของเสียอันตราย เพื่อใช้เป็นเชื้อเพลิงทดแทนโดยตรง ในเตาเผา (incinerator) เพื่อผลิตกระแสไฟฟ้า

049 นำกลับมาใช้ประโยชน์อีกด้วยวิธีอื่น ๆ (other recycle methods)

051 เข้ากระบวนการนำตัวทำละลายกลับมาใหม่ (solvent reclamation/regeneration)

052 เข้ากระบวนการนำโลหะกลับมาใหม่ (reclamation/regeneration of metal and metal compounds)

053 เข้ากระบวนการคืนสภาพกรด/ด่าง (acid/base regeneration)

054 เข้ากระบวนการคืนสภาพตัวเร่งปฏิกิริยา (catalyst regeneration)

055 เข้ากระบวนการคืนสภาพ ถ่านกัมมันต์ใช้งานแล้ว (spent activated carbon regeneration)

056 เข้ากระบวนการคืนสภาพเรซินหรือเมมเบรนที่ใช้งานแล้ว (spent resin or membrane regeneration)

075 เผาทำลายในเตาเผาเฉพาะสำหรับของเสียอันตราย (burn for destruction of hazardous waste incinerator)

076 เผาทำลายร่วมในเตาอุตสาหกรรมซีเมนต์ (co-incineration in cement kiln)

077 ฉีดฝังลงบ่อใต้ดิน หรือชั้นดินใต้ทะเล (deep well or underground injection; sea-bed insertion)

079 กำจัดด้วยวิธีอื่น ๆ (other disposal methods) ให้ระบุ

081 รวบรวมและส่งออกนอกประเทศ (collect and export)

082 ถมทะเลหรือที่ลุ่ม (land reclamation) เฉพาะวัสดุที่ไม่ใช่แล้วที่ไม่เป็นของเสียอันตรายเท่านั้น

083 หมักทำปุ๋ยหรือสารปรับปรุงคุณภาพดิน (composting or soil conditioner) เฉพาะสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วที่ไม่เป็นของเสียอันตรายเท่านั้น

084 ทาอาหารสัตว์ (animal feed) เฉพาะสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วที่ไม่เป็นของเสียอันตรายเท่านั้น

085 ศึกษา วิจัยและพัฒนา (study research and develop) เพื่อการทดลองในลักษณะโครงการนำร่อง เท่านั้น

### เหตุผลกรณีอื่นๆ

01 ผู้รับดำเนินการไม่ได้รับอนุญาตให้ บำบัด/กำจัด/นำกลับไปใช้ประโยชน์ใหม่

02 วิธีการบำบัด/กำจัด/นำกลับไปใช้ประโยชน์ใหม่ ไม่เหมาะสม

03 ผู้รับดำเนินการได้รับคำสั่งปรับปรุงตามมาตรา 37 หรือหยุดประกอบกิจการตามมาตรา 39 ตามพระราชบัญญัติโรงงาน

04 ผู้รับดำเนินการไม่ยินยอมรับบำบัด/กำจัด/นำกลับไปใช้ประโยชน์ใหม่

05 ไม่สามารถยื่นขออนุญาตฯ ผ่านสื่ออิเล็กทรอนิกส์ได้

06 ผู้ให้บริการยังไม่ได้แจ้งประกอบกิจการโรงงาน หรือไม่ได้แจ้งประกอบในส่วนขยาย

07 ไม่เข้าข่ายต้องขออนุญาตตามประกาศกระทรวงอุตสาหกรรมเรื่องการจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว พ.ศ. 2566

### เหตุผลการไม่อนุญาต

99 อื่นๆ ระบุ.....

### เหตุผลที่ไม่สามารถพิจารณาได้ เนื่องจากขาดเอกสาร หรือเอกสารไม่สมบูรณ์ ดังนี้

11 สำเนาใบอนุญาตประกอบกิจการโรงงานของผู้รับดำเนินการ และหรือ ผู้ถือกำเนิดวัสดุที่ไม่ใช่แล้ว

12 สำเนาหนังสือรับรองจดทะเบียนนิติบุคคลของผู้รับดำเนินการ และหรือ ผู้ถือกำเนิดวัสดุที่ไม่ใช่แล้ว

13 สัญญาหรือหนังสือยินยอมการรับบริการระหว่างผู้รับดำเนินการและ ผู้ถือกำเนิดวัสดุที่ไม่ใช่แล้ว

14 หนังสือการประกันความรับผิด (Liability) ระหว่างผู้รับดำเนินการและ ผู้ถือกำเนิดวัสดุที่ไม่ใช่แล้ว

15 หนังสือมอบอำนาจให้ผู้หนึ่งผู้ใดกระทำการใดๆ แทนกรรมการผู้มีอำนาจพร้อมติดอากรแสตมป์ของผู้รับดำเนินการ และหรือ ผู้ถือกำเนิดวัสดุที่ไม่ใช่แล้ว

16 ผลวิเคราะห์ค่าความเข้มข้นทั้งหมดของสิ่งเจือปน (total concentration : mg/kg)

17 ผลวิเคราะห์ด้วยวิธีการสกัดสาร (waste extraction test : mg/l)

18 รายละเอียดกระบวนการผลิตพร้อมแสดงจุดที่เกิดของเสีย

19 รายละเอียดกระบวนการนำของเสียมาบำบัด/นำกลับมาใช้ประโยชน์ใหม่

20 สำเนาใบอนุญาตส่งออกวัตถุอันตราย (วอ.6)

21 หนังสือรับรองจากกรมวิชาการเกษตรในการทำปุ๋ยหรือสารปรับปรุงคุณภาพดิน

22 รหัสประเภทหรือชนิดหรือวัสดุที่ไม่ใช่แล้วไม่ถูกต้อง

23 รหัสการจัดการไม่ถูกต้อง

24 การลงนามของกรรมการผู้มีอำนาจในคำขอ/สัญญา ไม่ครบถ้วนตามเงื่อนไขหนังสือรับรองการจดทะเบียนนิติบุคคล

25 เอกสารข้อมูลความปลอดภัย

### หมายเหตุ

- กรณีไม่อนุญาต หากท่านไม่เห็นด้วย สามารถแจ้งเป็นหนังสือพร้อมเหตุผลไปยังอธิบดีกรมโรงงานอุตสาหกรรม ภายใน 15 วัน นับตั้งแต่วันที่ได้รับแจ้งคำสั่งทางการปกครองนี้
- หากท่านสนใจฝ่าฝืนนำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงานโดยไม่ได้รับอนุญาต ถือเป็นความผิดตามมาตรา 45 แห่งพระราชบัญญัติโรงงาน พ.ศ.2535 ต้องระวางโทษปรับไม่เกิน 2 แสนบาท



## หนังสือแจ้งผลการพิจารณา การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780

หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ

บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

ทะเบียนโรงงานเลขที่ 10110100325492

โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	0.000	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	0.000	073	20190300225401	
3	150202	วัสดุปนเปื้อน	0.000	042	10190000825494	



4	150203	กรองอากาศ (Filter Air)	0.000	071	20190300225401	
5	160215	หลอดไฟ	0.000	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.000	073	20190300225401	
8	130208	น้ำมันไขแล้ว	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 มกราคม 2567 ถึงวันที่ 31 มกราคม 2567

ออกให้ ณ วันที่ 1 มกราคม 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาฉบับนี้อนุญาตโดยใช้ระบบอิเล็กทรอนิกส์



หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780

หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดกา	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันไขแล้ว	0.000	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	0.000	073	20190300225401	
3	150202	วัสดุปนเปื้อน	0.000	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	0.000	071	20190300225401	
5	160215	หลอดไฟ	0.000	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.000	073	20190300225401	
8	130208	น้ำมันไขแล้ว	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 กุมภาพันธ์ 2567 ถึงวันที่ 29 กุมภาพันธ์ 2567

ออกให้ ณ วันที่ 1 กุมภาพันธ์ 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาฉบับนี้อนุญาตโดยใช้ระบบอิเล็กทรอนิกส์





หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780

หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับผิดชอบการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	0.417	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	1.500	073	20190300225401	
3	150202	วัสดุปนเปื้อน	0.583	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	0.200	071	20190300225401	
5	160215	หลอดไฟ	0.042	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.500	073	20190300225401	
8	130208	น้ำมันใช้แล้ว	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 มีนาคม 2567 ถึงวันที่ 31 มีนาคม 2567

ออกให้ ณ วันที่ 1 มีนาคม 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาฉบับนี้อุญาตโดยใช้ระบบอิเล็กทรอนิกส์



หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780

หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด



โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	0.417	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	0.000	073	20190300225401	
3	150202	วัสดุปนเปื้อน	0.000	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	0.000	071	20190300225401	
5	160215	หลอดไฟ	0.000	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.000	073	20190300225401	
8	130208	น้ำมันใช้แล้ว	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 เมษายน 2567 ถึงวันที่ 30 เมษายน 2567

ออกให้ ณ วันที่ 1 เมษายน 2567

โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณามับนี้อนุญาตโดยใช้ระบบอิเล็กทรอนิกส์



หนังสือแจ้งผลการพิจารณา

การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน

กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780

หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ

บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด

ทะเบียนโรงงานเลขที่ 10110100325492

โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	0.000	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	0.000	073	20190300225401	
3	150202	วัสดุปนเปื้อน	0.000	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	0.000	071	20190300225401	
5	160215	หลอดไฟ	0.000	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.000	073	20190300225401	
8	130208	น้ำมันใช้แล้ว	3.500	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	



รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 พฤษภาคม 2567 ถึงวันที่ 31 พฤษภาคม 2567

ออกให้ ณ วันที่ 1 พฤษภาคม 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาขออนุญาตโดยใช้ระบบอิเล็กทรอนิกส์



หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780

หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	1.000	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	1.500	073	20190300225401	
3	150202	วัสดุปนเปื้อน	1.500	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	0.000	071	20190300225401	
5	160215	หลอดไฟ	0.100	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	1.250	073	20190300225401	
8	130208	น้ำมันใช้แล้ว	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 มิถุนายน 2567 ถึงวันที่ 30 มิถุนายน 2567

ออกให้ ณ วันที่ 1 มิถุนายน 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาขออนุญาตโดยใช้ระบบอิเล็กทรอนิกส์





หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780  
หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	0.000	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	0.000	073	20190300225401	
3	150202	วัสดุปนเปื้อน	0.000	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	2.500	071	20190300225401	
5	160215	หลอดไฟ	0.000	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.000	073	20190300225401	
8	130208	น้ำมันใช้แล้ว	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 กรกฎาคม 2567 ถึงวันที่ 31 กรกฎาคม 2567

ออกให้ ณ วันที่ 1 กรกฎาคม 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาฉบับนี้อินุญาตโดยใช้ระบบอิเล็กทรอนิกส์



หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780  
หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	0.000	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	0.000	073	20190300225401	



3	150202	วัสดุปนเปื้อน	0.000	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	0.000	071	20190300225401	
5	160215	หลอดไฟ	0.000	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.000	073	20190300225401	
8	130208	น้ำมันโซล	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 สิงหาคม 2567 ถึงวันที่ 31 สิงหาคม 2567

ออกให้ ณ วันที่ 1 สิงหาคม 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาฉบับนี้อนุญาตโดยใช้ระบบอิเล็กทรอนิกส์



หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780

หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันโซล	1.000	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	0.000	073	20190300225401	
3	150202	วัสดุปนเปื้อน	0.000	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	0.000	071	20190300225401	
5	160215	หลอดไฟ	0.000	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.000	073	20190300225401	
8	130208	น้ำมันโซล	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 กันยายน 2567 ถึงวันที่ 30 กันยายน 2567

ออกให้ ณ วันที่ 1 กันยายน 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาฉบับนี้อนุญาตโดยใช้ระบบอิเล็กทรอนิกส์





หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780

หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	0.000	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	1.000	073	20190300225401	
3	150202	วัสดุปนเปื้อน	1.000	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	0.000	071	20190300225401	
5	160215	หลอดไฟ	0.000	049	10190000825494	
6	170203	PVC Fill Pack	2.500	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.000	073	20190300225401	
8	130208	น้ำมันใช้แล้ว	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 ตุลาคม 2567 ถึงวันที่ 31 ตุลาคม 2567

ออกให้ ณ วันที่ 1 ตุลาคม 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาฉบับนี้อินุญาตโดยใช้ระบบอิเล็กทรอนิกส์



หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780

หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ



บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	1.330	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	1.830	073	20190300225401	
3	150202	วัสดุปนเปื้อน	2.750	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	2.000	071	20190300225401	
5	160215	หลอดไฟ	0.270	049	10190000825494	
6	170203	PVC Fill Pack	0.000	011	10240201625563	
7	170603	ฉนวน (Insulation)	2.400	073	20190300225401	
8	130208	น้ำมันใช้แล้ว	3.500	042	10110001325526	
9	160507	Lithium Bromide	1.000	065	20190300225401	

รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 พฤศจิกายน 2567 ถึงวันที่ 30 พฤศจิกายน 2567

ออกให้ ณ วันที่ 1 พฤศจิกายน 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณามับนี้อนุญาตโดยใช้ระบบอิเล็กทรอนิกส์



หนังสือแจ้งผลการพิจารณา  
การขออนุญาตให้นำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วออกนอกบริเวณโรงงาน  
กรมโรงงานอุตสาหกรรม

เลขที่ 2567-O-8780  
หนังสือฉบับนี้ออกให้เพื่อแจ้งผลการพิจารณาของ  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
ทะเบียนโรงงานเลขที่ 10110100325492  
โดยมีรายละเอียดผลการพิจารณาดังนี้

ลำดับที่	รหัสสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	ปริมาณ(ตัน)	รหัสการจัดการ	ผู้รับดำเนินการ	เหตุผล
1	130208	น้ำมันใช้แล้ว	0.003	042	10190000825494	
2	150110	ภาชนะปนเปื้อน	0.003	073	20190300225401	
3	150202	วัสดุปนเปื้อน	0.000	042	10190000825494	
4	150203	กรองอากาศ (Filter Air)	3.633	071	20190300225401	
5	160215	หลอดไฟ	0.005	049	10190000825494	
6	170203	PVC Fill Pack	0.000	011	10240201625563	
7	170603	ฉนวน (Insulation)	0.017	073	20190300225401	
8	130208	น้ำมันใช้แล้ว	0.000	042	10110001325526	
9	160507	Lithium Bromide	0.000	065	20190300225401	



รายการที่ได้รับอนุญาตมีผลบังคับใช้ตั้งแต่วันที่ 1 ธันวาคม 2567 ถึงวันที่ 31 ธันวาคม 2567

ออกให้ ณ วันที่ 1 ธันวาคม 2567  
โดยกรมโรงงานอุตสาหกรรม

หนังสือแจ้งผลการพิจารณาฉบับนี้อนุญาตโดยใช้ระบบอิเล็กทรอนิกส์





## ภาคผนวกที่ 16

เอกสารบันทึกปริมาณขยะของโครงการ



ปริมาณการกำจัดขยะจากกระบวนการ ระหว่างเดือนกรกฎาคม - ธันวาคม 2567								
รายการ	รหัส	ปริมาณขยะจากกระบวนการ (kg)		วิธีการจัดการ	ผู้รับกำจัด/บำบัด	เลขผู้รับกำจัด/บำบัด	ผู้ขนส่ง	เลขผู้ขนส่ง
		อันตราย	ไม่อันตราย					
กรกฎาคม								
กรองอากาศ (Filter Air)	15 02 03	-	2,470	071	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	20190300225401	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
ภาชนะปนเปื้อน	15 01 10	320		073	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	20190300225401	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
วัสดุปนเปื้อน	15 02 02	790		042	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	10190000825494	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
น้ำมันใช้แล้ว	13 02 08	140	-	042	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	10190000825494	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	DIW-T-050200740
สิงหาคม								
-	-	-	-	-	-	-	-	-
กันยายน								
-	-	-	-	-	-	-	-	-
ตุลาคม								
ภาชนะปนเปื้อน	15 01 10	20		073	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	20190300225401	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
วัสดุปนเปื้อน	15 02 02	290		042	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	10190000825494	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
พฤศจิกายน								
น้ำมันใช้แล้ว	13 02 08	1,740	-	042	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	10190000825494	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	DIW-T-050200740
กรองอากาศ (Filter Air)	15 02 03	-	1,840	071	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	20190300225401	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
ภาชนะปนเปื้อน	15 01 10	30		073	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	20190300225401	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
วัสดุปนเปื้อน	15 02 02	200		042	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	10190000825494	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
หลอดไฟ	16 02 15	30		049	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	10190000825494	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
ธันวาคม								
กรองอากาศ (Filter Air)	15 02 03	-	2,060	071	บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)	20190300225401	บริษัท เบตเตอร์ เวิลด์ ทรานสปอร์ต จำกัด	DIW-T-050200740
รวม		3,560	6,370					
รวมขยะจากกระบวนการ		9,930						

ปริมาณการกำจัดขยะทั่วไป ระหว่างเดือน กรกฎาคม - ธันวาคม 2567		
เดือน	ปริมาณ (Kg)	ผู้รับกำจัด/บำบัด
กรกฎาคม	600	บริษัท ทีเออาร์เอฟ จำกัด
สิงหาคม	480	บริษัท ทีเออาร์เอฟ จำกัด
กันยายน	600	บริษัท ทีเออาร์เอฟ จำกัด
ตุลาคม	480	บริษัท ทีเออาร์เอฟ จำกัด
พฤศจิกายน	480	บริษัท ทีเออาร์เอฟ จำกัด
ธันวาคม	600	บริษัท ทีเออาร์เอฟ จำกัด
<b>รวม</b>	3,240	





## ภาคผนวกที่ 17

เอกสารการจัดการขยะมูลฝอยของโครงการ



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี : นายจำปี ศรีธา

เลขทะเบียนพาหนะ : 79-8751 กท

พาหนะที่ใช้ : รถพ่วง

โดยขนส่งจากจังหวัด : สมุทรปราการ

ไปยังจังหวัด : สระบุรี

ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401

สถานที่ตั้ง : หมู่ที่ ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	กรองอากาศ (Filter Air)	150203	กรองอากาศ	240	5.0

รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 5 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง

☒ น้ำหนักประมาณการ

ขอความร่วมมือระหว่างขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณดี ลายมือชื่อ : วันที่ :

ปริมาณที่ส่งมอบ : 5 ตัน

วันที่ส่งมอบ : 03/07/2567

เวลาที่ส่งมอบ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี : นายจำปี ศรีธา ลายมือชื่อ : วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ : วันที่ :

ขนส่งจากจังหวัด : สมุทรปราการ

มายังจังหวัด : สระบุรี

ใช้ระยะเวลา : 1 วัน

วันที่มาถึง : 03/07/2567

เวลาที่มาถึง : 14:18

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ : วันที่ :

ปริมาณที่รับมอบ : 2.47 ตัน

☒ น้ำหนักชั่งจริง

☐ น้ำหนักประมาณการ

วันที่รับมอบ : 03/07/2567

เวลาที่มอบ : 14:18

☒ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☐ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ ลายมือชื่อ : วันที่ :

ปริมาณที่จัดการแล้วเสร็จ : 2.47 ตัน

วันที่จัดการแล้วเสร็จ : 03/07/2567

เวลาที่จัดการแล้วเสร็จ : 17:10

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี : นายจำปี ศรีธา

เลขทะเบียนพาหนะ : 68-3974 กท

พาหนะที่ใช้ : รถพ่วง

โดยขนส่งจากจังหวัด : สมุทรปราการ

ไปยังจังหวัด : สระบุรี

ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

สถานที่ตั้ง : - หมู่ที่ 8 ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	น้ำมันใช้แล้ว	130208	ถัง 200 ลิตร	1	0.2

รวมปริมาณทั้งหมด : ของเหลว 0.2 ตัน ของแข็ง 0 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง ☒ น้ำหนักประมาณการ

ขอควรระวังระหว่างการขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณดี ลายมือชื่อ : วันที่ :

ปริมาณที่ส่งมอบ : 0.2 ตัน

วันที่ส่งมอบ : 03/07/2567

เวลาที่ส่งมอบ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี : นายจำปี ศรีธา ลายมือชื่อ : วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ : วันที่ :

ขนส่งจากจังหวัด : สมุทรปราการ

มายังจังหวัด : สระบุรี

ใช้ระยะเวลา : 1 วัน

วันที่มาถึง : 03/07/2567

เวลาที่มาถึง : 14:18

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ : วันที่ :

ปริมาณที่รับมอบ : 0.14 ตัน

☒ น้ำหนักชั่งจริง ☐ น้ำหนักประมาณการ

วันที่รับมอบ : 03/07/2567 เวลาที่มอบ : 14:18

☒ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☐ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ ลายมือชื่อ : วันที่ :

ปริมาณที่จัดการแล้วเสร็จ : 0.14 ตัน

วันที่จัดการแล้วเสร็จ : 04/07/2567 เวลาที่จัดการแล้วเสร็จ : 11:10

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)					
ส่วนที่ ๑ ผู้ก่อกำเนิด					
ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด			เลขทะเบียนโรงงาน : 10110100325492		
สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540					
เบอร์โทรติดต่อ :			เบอร์โทรติดต่อฉุกเฉิน :		
ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :					
ชื่อผู้ขับขี : นายจำปี ศรีธา			เลขทะเบียนพาหนะ : 68-3974 กท พาหนะที่ใช้ : รถพ่วง		
โดยขนส่งจากจังหวัด : สมุทรปราการ			ไปยังจังหวัด : สระบุรี		
			ใช้ระยะเวลาประมาณ : 3 วัน		
ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)			เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401		
สถานที่ตั้ง : หมู่ที่ ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110					
เบอร์โทรติดต่อ :			เบอร์โทรติดต่อฉุกเฉิน :		
รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :					
ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	ภาชนะปนเปื้อน	150110	ภาชนะปนเปื้อน	200	1.0
รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 1 ตัน ของแข็งกึ่งเหลว 0 ตัน					
[ ] น้ำหนักชั่งจริง [ / ] น้ำหนักประมาณการ					
ขอความร่วมมือระหว่างขนส่ง :					
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ			ปริมาณที่ส่งมอบ : 1 ตัน		
ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณดี ลายมือชื่อ :			วันที่ส่งมอบ : 03/07/2567		
ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณดี ลายมือชื่อ :			เวลาที่ส่งมอบ :		
ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว					
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ					
ลงชื่อผู้ขับขี : นายจำปี ศรีธา ลายมือชื่อ :					
วันที่ :					
[ / ] ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว					
ส่วนที่ ๓ ผู้รับดำเนินการ					
ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)			เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401		
ส่วนที่ ๓/๑			ขนส่งจากจังหวัด : สมุทรปราการ		
คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว			มายังจังหวัด : สระบุรี		
ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ			ใช้ระยะเวลา : 1 วัน		
ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :			วันที่มาถึง : 03/07/2567		
			เวลาที่มาถึง : 14:18		
ส่วนที่ ๓/๒			ปริมาณที่รับมอบ : 0.32 ตัน		
คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น			[ / ] น้ำหนักชั่งจริง [ ] น้ำหนักประมาณการ		
ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม			วันที่รับมอบ : 03/07/2567		
ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :			เวลาที่มอบ : 14:18		
วันที่ :			[ / ] ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ		
			[ ] เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว		
ส่วนที่ ๓/๓			ปริมาณที่จัดการแล้วเสร็จ : 0.32 ตัน		
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว			วันที่จัดการแล้วเสร็จ : 04/07/2567		
ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต			เวลาที่จัดการแล้วเสร็จ : 11:10		
ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ ลายมือชื่อ :			ปริมาณคงเหลือ : 0 ตัน		
วันที่ :			[ / ] ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง		
ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ					
คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น					
[ / ] ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)					
[ ] ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)					
[ ] ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)					
[ ] ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)					
ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :					



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี : นายจำปี ศรีธา

เลขทะเบียนพาหนะ : 68-3974 กท

พาหนะที่ใช้ : รถพ่วง

โดยขนส่งจากจังหวัด : สมุทรปราการ

ไปยังจังหวัด : สระบุรี

ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

สถานที่ตั้ง : - หมู่ที่ 8 ถนน- ตำบลห้วยแห้ง อำเภอกงคอดย จังหวัดสระบุรี 18110

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	วัสดุปนเปื้อน	150202	วัสดุปนเปื้อน	100	1.0

รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 1 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง

☒ น้ำหนักประมาณการ

ขอควรระวังระหว่างการขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณดี ลายมือชื่อ : วันที่ :

ปริมาณที่ส่งมอบ : 1 ตัน

วันที่ส่งมอบ : 03/07/2567

เวลาที่ส่งมอบ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี : นายจำปี ศรีธา ลายมือชื่อ : วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ : วันที่ :

ขนส่งจากจังหวัด : สมุทรปราการ

มายังจังหวัด : สระบุรี

ใช้ระยะเวลา : 1 วัน

วันที่มาถึง : 03/07/2567

เวลาที่มาถึง : 14:18

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ : วันที่ :

ปริมาณที่รับมอบ : 0.79 ตัน

☒ น้ำหนักชั่งจริง

☐ น้ำหนักประมาณการ

วันที่รับมอบ : 03/07/2567

เวลาที่มอบ : 14:18

☒ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☐ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ ลายมือชื่อ : วันที่ :

ปริมาณที่จัดการแล้วเสร็จ : 0.79 ตัน

วันที่จัดการแล้วเสร็จ : 04/07/2567

เวลาที่จัดการแล้วเสร็จ : 11:10

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี่ : นายณัฐชัย ศรีแสงศรี

เลขทะเบียนพาหนะ : 2ฒฒ9574 กท พาหนะที่ใช้ : รถอื่น ๆ

โดยขนส่งจากจังหวัด : สมุทรปราการ

ไปยังจังหวัด : สระบุรี

ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401

สถานที่ตั้ง : หมู่ที่ ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	ภาชนะปนเปื้อน	150110	ถุง	40	0.5

รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 0.5 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง ☒ น้ำหนักประมาณการ

ขอควรระวังระหว่างการขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ปริมาณที่ส่งมอบ : 0.5 ตัน

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

วันที่ส่งมอบ : 29/10/2567

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

เวลาที่ส่งมอบ :

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวัติ ลายมือชื่อ :

วันที่ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่ง

จะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี่ : นายณัฐชัย ศรีแสงศรี ลายมือชื่อ :

วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ขนส่งจากจังหวัด : สมุทรปราการ

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

มายังจังหวัด : สระบุรี

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :

ใช้ระยะเวลา : 1 วัน

วันที่มาถึง : 29/10/2567

เวลาที่มาถึง : 11:30

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ปริมาณที่รับมอบ : 0.02 ตัน

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

☒ น้ำหนักชั่งจริง ☐ น้ำหนักประมาณการ

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :

วันที่ :

วันที่รับมอบ : 29/10/2567

เวลาที่มอบ : 11:30

☒ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☐ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ปริมาณที่จัดการแล้วเสร็จ : 0.02 ตัน

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

วันที่จัดการแล้วเสร็จ : 30/10/2567

ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ ลายมือชื่อ :

เวลาที่จัดการแล้วเสร็จ : 10:20

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวัติ ลายมือชื่อ :

วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี่ : นายณัฐชัย ศรีแสงศรี

เลขทะเบียนพาหนะ : 2ฒฒ9574 กท พาหนะที่ใช้ : รถอื่น ๆ

โดยขนส่งจากจังหวัด : สมุทรปราการ

ไปยังจังหวัด : สระบุรี

ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

สถานที่ตั้ง : - หมู่ที่ 8 ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	วัสดุปนเปื้อน	150202	ถุง	40	0.3

รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 0.3 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง

☒ น้ำหนักประมาณการ

ขอควรระวังระหว่างการขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ปริมาณที่ส่งมอบ : 0.3 ตัน

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

วันที่ส่งมอบ : 29/10/2567

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

เวลาที่ส่งมอบ :

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวัติ ลายมือชื่อ :

วันที่ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่ง

จะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี่ : นายณัฐชัย ศรีแสงศรี ลายมือชื่อ :

วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ขนส่งจากจังหวัด : สมุทรปราการ

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

มายังจังหวัด : สระบุรี

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :

ใช้ระยะเวลา : 1 วัน

วันที่มาถึง : 29/10/2567

เวลาที่มาถึง : 11:30

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ปริมาณที่รับมอบ : 0.29 ตัน

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

☒ น้ำหนักชั่งจริง

☐ น้ำหนักประมาณการ

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :

วันที่ :

วันที่รับมอบ : 29/10/2567

เวลาที่มอบ : 11:30

☒ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☐ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ปริมาณที่จัดการแล้วเสร็จ : 0.29 ตัน

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

วันที่จัดการแล้วเสร็จ : 30/10/2567

ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ ลายมือชื่อ :

วันที่ :

เวลาที่จัดการแล้วเสร็จ : 10:20

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวัติ ลายมือชื่อ :

วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี่ : นายนิยม กองเกิด

เลขทะเบียนพาหนะ : 60-1569 กท

พาหนะที่ใช้ : รถพ่วง

โดยขนส่งจากจังหวัด : สมุทรปราการ

ไปยังจังหวัด : สระบุรี

ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

สถานที่ตั้ง : - หมู่ที่ 8 ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	น้ำมันใช้แล้ว	130208	ถัง	5	1.0

รวมปริมาณทั้งหมด : ของเหลว 1 ตัน ของแข็ง 0 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง

☒ น้ำหนักประมาณการ

ขอควรระวังระหว่างการขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ปริมาณที่ส่งมอบ : 1 ตัน

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

วันที่ส่งมอบ : 25/11/2567

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

เวลาที่ส่งมอบ :

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวดี

ลายมือชื่อ :

วันที่ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี่ : นายนิยม กองเกิด

ลายมือชื่อ :

วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ขนส่งจากจังหวัด : สมุทรปราการ

มายังจังหวัด : สระบุรี

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

ใช้ระยะเวลา : 1 วัน

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง

ลายมือชื่อ :

วันที่มาถึง : 25/11/2567

เวลาที่มาถึง : 15:44

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ปริมาณที่รับมอบ : 1.74 ตัน

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

☒ น้ำหนักชั่งจริง

☐ น้ำหนักประมาณการ

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง

ลายมือชื่อ :

วันที่ :

วันที่รับมอบ : 25/11/2567

เวลาที่มอบ : 15:44

☒ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☐ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ปริมาณที่จัดการแล้วเสร็จ : 1.74 ตัน

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

วันที่จัดการแล้วเสร็จ : 26/11/2567

เวลาที่จัดการแล้วเสร็จ : 11:00

ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ

ลายมือชื่อ :

วันที่ :

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด :

ลายมือชื่อ :

วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)					
ส่วนที่ ๑ ผู้ก่อกำเนิด					
ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด			เลขทะเบียนโรงงาน : 10110100325492		
สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอนุชน-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540					
เบอร์โทรติดต่อ :			เบอร์โทรติดต่อฉุกเฉิน :		
ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :					
ชื่อผู้ขับขี่ : นายนิยม กองเกิด			เลขทะเบียนพาหนะ : 60-1569 กท พาหนะที่ใช้ : รถพ่วง		
โดยขนส่งจากจังหวัด : สมุทรปราการ			ไปยังจังหวัด : สระบุรี		
			ใช้ระยะเวลาประมาณ : 3 วัน		
ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)			เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401		
สถานที่ตั้ง : หมู่ที่ ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110					
เบอร์โทรติดต่อ :			เบอร์โทรติดต่อฉุกเฉิน :		
รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :					
ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	ภาชนะปนเปื้อน	150110	ถุง	20	1.0
รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 1 ตัน ของแข็งกึ่งเหลว 0 ตัน					
[ ] น้ำหนักชั่งจริง [ / ] น้ำหนักประมาณการ					
ขอควรระวังระหว่างการขนส่ง :					
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น			ปริมาณที่ส่งมอบ : 1 ตัน		
ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม			วันที่ส่งมอบ : 25/11/2567		
และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ			เวลาที่ส่งมอบ :		
ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวดี ลายมือชื่อ :			วันที่ :		
ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว					
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่ง					
จะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ					
ลงชื่อผู้ขับขี่ : นายนิยม กองเกิด ลายมือชื่อ :			วันที่ :		
[ / ] ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว					
ส่วนที่ ๓ ผู้รับดำเนินการ					
ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)			เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401		
ส่วนที่ ๓/๑			ขนส่งจากจังหวัด : สมุทรปราการ		
คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว			มายังจังหวัด : สระบุรี		
ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ			ใช้ระยะเวลา : 1 วัน		
ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :			วันที่มาถึง : 25/11/2567		
			เวลาที่มาถึง : 15:44		
ส่วนที่ ๓/๒			ปริมาณที่รับมอบ : 0.03 ตัน		
คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น			[ / ] น้ำหนักชั่งจริง [ ] น้ำหนักประมาณการ		
ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม			วันที่รับมอบ : 25/11/2567 เวลาที่มอบ : 15:44		
ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :			[ / ] ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ		
			[ ] เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว		
ส่วนที่ ๓/๓			ปริมาณที่จัดการแล้วเสร็จ : 0.03 ตัน		
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว			วันที่จัดการแล้วเสร็จ : 26/11/2567 เวลาที่จัดการแล้วเสร็จ : 11:00		
ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต			ปริมาณคงเหลือ : 0 ตัน		
ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ ลายมือชื่อ :			[ / ] ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง		
ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ					
คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น					
[ / ] ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)					
[ ] ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)					
[ ] ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)					
[ ] ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)					
ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :					



เอกสารแสดงการจัดการ (Manifest Form)					
ส่วนที่ ๑ ผู้ก่อกำเนิด					
ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด			เลขทะเบียนโรงงาน : 10110100325492		
สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540					
เบอร์โทรติดต่อ :			เบอร์โทรติดต่อฉุกเฉิน :		
ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :					
ชื่อผู้ขับขี่ : นายนิยม กองเกิด			เลขทะเบียนพาหนะ : 60-1569 กท พาหนะที่ใช้ : รถพ่วง		
โดยขนส่งจากจังหวัด : สมุทรปราการ			ไปยังจังหวัด : สระบุรี		
			ใช้ระยะเวลาประมาณ : 3 วัน		
ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)			เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494		
สถานที่ตั้ง : - หมู่ที่ 8 ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110					
เบอร์โทรติดต่อ :			เบอร์โทรติดต่อฉุกเฉิน :		
รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :					
ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	วัสดุปนเปื้อน	150202	วัสดุปนเปื้อน	30	1.0
รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 1 ตัน ของแข็งกึ่งเหลว 0 ตัน					
[ ] น้ำหนักชั่งจริง [ / ] น้ำหนักประมาณการ					
ขอควรระวังระหว่างการขนส่ง :					
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น			ปริมาณที่ส่งมอบ : 1 ตัน		
ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม			วันที่ส่งมอบ : 25/11/2567		
และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ			เวลาที่ส่งมอบ :		
ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวดี ลายมือชื่อ :			วันที่ :		
ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว					
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่ง					
จะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ					
ลงชื่อผู้ขับขี่ : นายนิยม กองเกิด ลายมือชื่อ :			วันที่ :		
[ / ] ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว					
ส่วนที่ ๓ ผู้รับดำเนินการ					
ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)			เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494		
ส่วนที่ ๓/๑			ขนส่งจากจังหวัด : สมุทรปราการ		
คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว			มายังจังหวัด : สระบุรี		
ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ			ใช้ระยะเวลา : 1 วัน		
ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :			วันที่มาถึง : 25/11/2567		
			เวลาที่มาถึง : 15:44		
ส่วนที่ ๓/๒			ปริมาณที่รับมอบ : 0.2 ตัน		
คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น			[ / ] น้ำหนักชั่งจริง [ ] น้ำหนักประมาณการ		
ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม			วันที่รับมอบ : 25/11/2567		
ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ :			เวลาที่มอบ : 15:44		
			[ / ] ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ		
			[ ] เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว		
ส่วนที่ ๓/๓			ปริมาณที่จัดการแล้วเสร็จ : 0.2 ตัน		
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว			วันที่จัดการแล้วเสร็จ : 26/11/2567		
ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต			เวลาที่จัดการแล้วเสร็จ : 11:00		
ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ ลายมือชื่อ :			ปริมาณคงเหลือ : 0 ตัน		
			[ / ] ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง		
ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ					
คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น					
[ / ] ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)					
[ ] ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)					
[ ] ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)					
[ ] ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)					
ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :					



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอนุชน-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี่ : นายนิยม กองเกิด

เลขทะเบียนพาหนะ : 60-1569 กท

พาหนะที่ใช้ : รถพ่วง

โดยขนส่งจากจังหวัด : สมุทรปราการ

ไปยังจังหวัด : สระบุรี

ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

สถานที่ตั้ง : - หมู่ที่ 8 ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	หลอดไฟ	160215	กล่อง	10	0.15

รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 0.15 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง ☒ น้ำหนักประมาณการ

ขอควรระวังระหว่างการขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ปริมาณที่ส่งมอบ : 0.15 ตัน

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

วันที่ส่งมอบ : 25/11/2567

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

เวลาที่ส่งมอบ :

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวดี

ลายมือชื่อ :

วันที่ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี่ : นายนิยม กองเกิด

ลายมือชื่อ :

วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 10190000825494

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ขนส่งจากจังหวัด : สมุทรปราการ

มายังจังหวัด : สระบุรี

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

ใช้ระยะเวลา : 1 วัน

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง

ลายมือชื่อ :

วันที่มาถึง : 25/11/2567

เวลาที่มาถึง : 15:44

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ปริมาณที่รับมอบ : 0.03 ตัน

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

☒ น้ำหนักชั่งจริง ☐ น้ำหนักประมาณการ

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง

ลายมือชื่อ :

วันที่ : 25/11/2567

เวลาที่มอบ : 15:44

☒ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☐ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ปริมาณที่จัดการแล้วเสร็จ : 0.03 ตัน

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

วันที่จัดการแล้วเสร็จ : 02/12/2567

เวลาที่จัดการแล้วเสร็จ : 14:00

ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ

ลายมือชื่อ :

วันที่ :

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด :

ลายมือชื่อ :

วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี่ : นายนิยม กองเกิด

เลขทะเบียนพาหนะ : 69-1985 กท

พาหนะที่ใช้ : รถพ่วง

โดยขนส่งจากจังหวัด : สมุทรปราการ

ไปยังจังหวัด : สระบุรี

ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401

สถานที่ตั้ง : หมู่ที่ ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	กรองอากาศ (Filter Air)	150203	กรองอากาศ	240	4.2

รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 4.2 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง ☒ น้ำหนักประมาณการ

ขอควรระวังระหว่างการขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวดี ลายมือชื่อ : วันที่ :

ปริมาณที่ส่งมอบ : 4.2 ตัน

วันที่ส่งมอบ : 25/11/2567

เวลาที่ส่งมอบ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี่ : นายนิยม กองเกิด ลายมือชื่อ : วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)

เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ : วันที่ :

ขนส่งจากจังหวัด : สมุทรปราการ

มายังจังหวัด : สระบุรี

ใช้ระยะเวลา : 1 วัน

วันที่มาถึง : 25/11/2567

เวลาที่มาถึง : 15:44

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

ลงชื่อผู้รับดำเนินการ : อ้อยทิพย์ สุขปลั่ง ลายมือชื่อ : วันที่ :

ปริมาณที่รับมอบ : 1.84 ตัน

☒ น้ำหนักชั่งจริง ☐ น้ำหนักประมาณการ

วันที่รับมอบ : 25/11/2567 เวลาที่มอบ : 15:44

☒ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☐ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

ลงชื่อผู้รับดำเนินการ : อำพรณ ไขยวุฒิ ลายมือชื่อ : วันที่ :

ปริมาณที่จัดการแล้วเสร็จ : 1.84 ตัน

วันที่จัดการแล้วเสร็จ : 25/11/2567 เวลาที่จัดการแล้วเสร็จ : 18:00

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี : นายอภิเชษฐ์ ทัดปากน้ำ เลขทะเบียนพาหนะ : 3คค6102 กท พาหนะที่ใช้ : รถอื่น ๆ

โดยขนส่งจากจังหวัด : สมุทรปราการ ไปยังจังหวัด : สมุทรปราการ ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท ปีโตรเลียม 168 จำกัด

เลขทะเบียนโรงงาน (ถ้ามี) : 10110001325526

สถานที่ตั้ง : 168/6 หมู่ที่ 6 ถนนสุขสวัสดิ์ ตำบลในคลองบางปลากด อำเภอพระสมุทรเจดีย์ จังหวัดสมุทรปราการ 10290

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	น้ำมันใช้แล้ว	130208	ถัง 200 ลิตร	4	1.0

รวมปริมาณทั้งหมด : ของเหลว 1 ตัน ของแข็ง 0 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง ☒ น้ำหนักประมาณการ

ขอควรระวังระหว่างการขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวดี ลายมือชื่อ : วันที่ :

ปริมาณที่ส่งมอบ : 1 ตัน

วันที่ส่งมอบ : 01/11/2567

เวลาที่ส่งมอบ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี : นายอภิเชษฐ์ ทัดปากน้ำ ลายมือชื่อ : วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท ปีโตรเลียม 168 จำกัด

เลขทะเบียนโรงงาน (ถ้ามี) : 10110001325526

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

ลงชื่อผู้รับดำเนินการ : ปณณวิษ สุพิชญ์เดชา ลายมือชื่อ :

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

ลงชื่อผู้รับดำเนินการ : ปณณวิษ สุพิชญ์เดชา ลายมือชื่อ : วันที่ :

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

ลงชื่อผู้รับดำเนินการ : ปณณวิษ สุพิชญ์เดชา ลายมือชื่อ : วันที่ :

ขนส่งจากจังหวัด : สมุทรปราการ มายังจังหวัด : สมุทรปราการ

ใช้ระยะเวลา : 3 วัน

วันที่มาถึง : 04/11/2567

เวลาที่มาถึง : 13:00

ปริมาณที่รับมอบ : 1 ตัน

☐ น้ำหนักชั่งจริง ☒ น้ำหนักประมาณการ

วันที่รับมอบ : 04/11/2567 เวลาที่มอบ : 13:30

☐ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☒ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ปริมาณที่จัดการแล้วเสร็จ : 1 ตัน

วันที่จัดการแล้วเสร็จ : 11/11/2567 เวลาที่จัดการแล้วเสร็จ : 10:00

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)

ส่วนที่ ๑ ผู้ก่อกำเนิด

ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

เลขทะเบียนโรงงาน : 10110100325492

สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอ่อนนุช-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :

ชื่อผู้ขับขี : นายอภิเชษฐ์ ทัดปากน้ำ เลขทะเบียนพาหนะ : 3คค6102 กท พาหนะที่ใช้ : รถอื่น ๆ

โดยขนส่งจากจังหวัด : สมุทรปราการ ไปยังจังหวัด : สมุทรปราการ ใช้ระยะเวลาประมาณ : 3 วัน

ผู้รับดำเนินการ : บริษัท ปีโตรเลียม 168 จำกัด

เลขทะเบียนโรงงาน (ถ้ามี) : 10110001325526

สถานที่ตั้ง : 168/6 หมู่ที่ 6 ถนนสุขสวัสดิ์ ตำบลในคลองบางปลากด อำเภอพระสมุทรเจดีย์ จังหวัดสมุทรปราการ 10290

เบอร์โทรติดต่อ : เบอร์โทรติดต่อฉุกเฉิน :

รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :

ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ภาชนะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	น้ำมันใช้แล้ว	130208	ถัง 200 ลิตร	7	1.5

รวมปริมาณทั้งหมด : ของเหลว 1.5 ตัน ของแข็ง 0 ตัน ของแข็งกึ่งเหลว 0 ตัน

☐ น้ำหนักชั่งจริง

☒ น้ำหนักประมาณการ

ขอควรระวังระหว่างการขนส่ง :

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณวดี ลายมือชื่อ : วันที่ :

ปริมาณที่ส่งมอบ : 1.5 ตัน

วันที่ส่งมอบ : 04/11/2567

เวลาที่ส่งมอบ :

ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ

ลงชื่อผู้ขับขี : นายอภิเชษฐ์ ทัดปากน้ำ ลายมือชื่อ : วันที่ :

☒ ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว

ส่วนที่ ๓ ผู้รับดำเนินการ

ชื่อผู้รับดำเนินการ : บริษัท ปีโตรเลียม 168 จำกัด

เลขทะเบียนโรงงาน (ถ้ามี) : 10110001325526

ส่วนที่ ๓/๑

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ

ลงชื่อผู้รับดำเนินการ : ปณณวิษ สุพิชญ์เดชา ลายมือชื่อ :

ขนส่งจากจังหวัด : สมุทรปราการ มายังจังหวัด : สมุทรปราการ

ใช้ระยะเวลา : 2 วัน

วันที่มาถึง : 06/11/2567

เวลาที่มาถึง : 13:30

ส่วนที่ ๓/๒

คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม

ลงชื่อผู้รับดำเนินการ : ปณณวิษ สุพิชญ์เดชา ลายมือชื่อ : วันที่ :

ปริมาณที่รับมอบ : 1.5 ตัน

☐ น้ำหนักชั่งจริง

☒ น้ำหนักประมาณการ

วันที่รับมอบ : 06/11/2567 เวลาที่มอบ : 14:00

☐ ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ

☒ เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ส่วนที่ ๓/๓

คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว

ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต

ลงชื่อผู้รับดำเนินการ : ปณณวิษ สุพิชญ์เดชา ลายมือชื่อ : วันที่ :

ปริมาณที่จัดการแล้วเสร็จ : 1.5 ตัน

วันที่จัดการแล้วเสร็จ : 11/11/2567 เวลาที่จัดการแล้วเสร็จ : 10:00

ปริมาณคงเหลือ : 0 ตัน

☒ ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง

ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ

คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น

☒ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)

☐ ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)

☐ ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)

☐ ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)

ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :



เอกสารแสดงการจัดการ (Manifest Form)					
ส่วนที่ ๑ ผู้ก่อกำเนิด					
ชื่อผู้ก่อกำเนิด : บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด			เลขทะเบียนโรงงาน : 10110100325492		
สถานที่ตั้งโรงงาน : 222 หมู่ที่ 1 ถนนอนุชน-ลาดกระบัง ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540					
เบอร์โทรติดต่อ :			เบอร์โทรติดต่อฉุกเฉิน :		
ผู้ได้รับมอบหมายให้ขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว :					
ชื่อผู้ขับขี่ : นายนาคาร วิชัย			เลขทะเบียนพาหนะ : 87-1128 ขบ พาหนะที่ใช้ : รถบรรทุก		
โดยขนส่งจากจังหวัด : สมุทรปราการ			ไปยังจังหวัด : สระบุรี		
			ใช้ระยะเวลาประมาณ : 3 วัน		
ผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)			เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401		
สถานที่ตั้ง : หมู่ที่ ถนน- ตำบลห้วยแห้ง อำเภอแก่งคอย จังหวัดสระบุรี 18110					
เบอร์โทรติดต่อ :			เบอร์โทรติดต่อฉุกเฉิน :		
รายละเอียดของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว ที่ขนส่ง :					
ลำดับ	ชื่อสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว	รหัสประเภท หรือชนิด	ลักษณะบรรจุ		ปริมาณ (ตัน)
			ชนิด	จำนวน	
1	กรองอากาศ (Filter Air)	150203	กรองอากาศ	240	2.5
รวมปริมาณทั้งหมด : ของเหลว 0 ตัน ของแข็ง 2.5 ตัน ของแข็งกึ่งเหลว 0 ตัน					
[ ] น้ำหนักชั่งจริง [ / ] น้ำหนักประมาณการ					
ขอควรระวังระหว่างการขนส่ง :					
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้ส่งมอบสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ			ปริมาณที่ส่งมอบ : 2.5 ตัน		
ลงชื่อผู้ก่อกำเนิด : จิราภรณ์ หมื่นสุวรรณดี ลายมือชื่อ :			วันที่ : 19/12/2567		
			เวลาที่ส่งมอบ :		
ส่วนที่ ๒ รายละเอียดการขนส่งสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว					
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้รับสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม และการขนส่งจะปฏิบัติตามข้อกำหนดของกฎหมายทุกประการ					
ลงชื่อผู้ขับขี่ : นายนาคาร วิชัย ลายมือชื่อ :			วันที่ :		
[ / ] ผู้ก่อกำเนิดได้แนบภาพถ่ายเอกสารการจัดการที่มีการลงนามในส่วนที่ ๑ และส่วนที่ ๒ ครบถ้วนถูกต้องแล้ว					
ส่วนที่ ๓ ผู้รับดำเนินการ					
ชื่อผู้รับดำเนินการ : บริษัท เบตเตอร์ เวิลด์ กรีน จำกัด (มหาชน)			เลขทะเบียนโรงงาน (ถ้ามี) : 20190300225401		
ส่วนที่ ๓/๑			ขนส่งจากจังหวัด : สมุทรปราการ		
คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว			มายังจังหวัด : สระบุรี		
ตามที่ระบุข้างต้นมาถึงสถานที่รับจัดการ			ใช้ระยะเวลา : 1 วัน		
ลงชื่อผู้รับดำเนินการ : ฤทธิ์พิย บัวไข ลายมือชื่อ :			วันที่มาถึง : 19/12/2567		
			เวลาที่มาถึง : 14:40		
ส่วนที่ ๓/๒			ปริมาณที่รับมอบ : 2.06 ตัน		
คำรับรอง : ข้าพเจ้าขอรับรองว่ารับจัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น			[ / ] น้ำหนักชั่งจริง [ ] น้ำหนักประมาณการ		
ซึ่งมีการบรรจุ ติดป้าย หรือฉลากอย่างเหมาะสม			วันที่รับมอบ : 19/12/2567		
ลงชื่อผู้รับดำเนินการ : ฤทธิ์พิย บัวไข ลายมือชื่อ :			เวลาที่มอบ : 14:40		
			[ / ] ภาพถ่ายสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว และ/หรือ		
			[ ] เอกสารแสดงลักษณะสำคัญของสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว		
ส่วนที่ ๓/๓			ปริมาณที่จัดการแล้วเสร็จ : ตัน		
คำรับรอง : ข้าพเจ้าขอรับรองว่าได้จัดการสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้ว			วันที่จัดการแล้วเสร็จ :		
ตามที่ระบุข้างต้นแล้วเสร็จตามที่ได้รับอนุญาต			เวลาที่จัดการแล้วเสร็จ :		
ลงชื่อผู้รับดำเนินการ : ลายมือชื่อ :			ปริมาณคงเหลือ : ตัน		
			[ ] ภาพถ่ายเอกสารการจัดการที่ลงนามครบถ้วนถูกต้อง		
ส่วนที่ ๔ ผู้ก่อกำเนิดสรุปผลการจัดการ					
คำรับรอง : ข้าพเจ้าขอรับรองว่าสิ่งปฏิกูลหรือวัสดุที่ไม่ใช่แล้วตามที่ระบุข้างต้น					
[ ] ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๓)					
[ ] ได้รับการจัดการแล้วเสร็จตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๕)					
[ ] ได้รับคืนจากผู้รับดำเนินการแล้ว (ส่วนที่ ๖)					
[ ] ได้รับการจัดการแล้วเสร็จโดยผู้รับจัดการรายใหม่ตามที่ได้รับอนุญาตแล้ว (ส่วนที่ ๗)					
ลงชื่อผู้ก่อกำเนิด : ลายมือชื่อ : วันที่ :					






## ภาคผนวกที่ 18

รายงานการสอบสวนอุบัติเหตุ อุบัติการณ์



	<b>รายงานการสอบสวนอุบัติเหตุ อุบัติการณ์</b>															
<input type="checkbox"/> ด้านบุคคล <input type="checkbox"/> ด้านทรัพย์สิน <input type="checkbox"/> ระบบการผลิตฯ <input type="checkbox"/> การบริการ <input type="checkbox"/> สิ่งแวดล้อม																
เรียน .....																
รายงานการสอบสวนเหตุการณ์ <input type="checkbox"/> อุบัติเหตุ (Accident) <input type="checkbox"/> เกือบเกิดอุบัติเหตุ (Near Miss)																
วันที่เกิดเหตุ ..... งานที่ทำขณะเกิดเหตุ ..... ความรุนแรง <input type="checkbox"/> ระดับ A <input type="checkbox"/> ระดับ B <input type="checkbox"/> ระดับ C <input type="checkbox"/> ระดับ D	สถานที่เกิดเหตุ ..... สิ่งที่ทำให้เกิดเหตุ ..... โอกาสที่จะเกิดเหตุ <input type="checkbox"/> บ่อยครั้ง <input type="checkbox"/> บางครั้ง <input type="checkbox"/> น้อยครั้ง															
<b>ผลกระทบของการเกิดเหตุ</b> <input type="checkbox"/> กรณีด้านบุคคล <input type="checkbox"/> เจ็บป่วย <input type="checkbox"/> บาดเจ็บ <input type="checkbox"/> หยุดงาน <input type="checkbox"/> ทูพพลภาพ <input type="checkbox"/> เสียชีวิต <input type="checkbox"/> เกือบเกิดความสูญเสีย ชื่อ-สกุล ผู้ประสบเหตุ ..... ตำแหน่ง ..... เลขประจำตัว ..... สังกัด/หน่วยงาน ..... อายุ ..... ปี    อายุงาน ..... ปี <input type="checkbox"/> กรณีทรัพย์สิน : ..... <input type="checkbox"/> กรณีระบบการผลิต : ..... <input type="checkbox"/> กรณีการบริการ : ..... <input type="checkbox"/> กรณีสิ่งแวดล้อม : ..... ค่าใช้จ่ายจริง ..... บาท    ประมาณการค่าใช้จ่ายแฝง ..... บาท																
<b>ลักษณะของการเกิดเหตุและสรุปความสูญเสียที่เกิดขึ้น :</b> ..... ..... ..... .....																
<b>สาเหตุ :</b> ..... ..... .....																
<b>แนวทางการแก้ไข :</b> ..... ..... ..... <b>แนวทางการป้องกัน :</b> ..... ..... .....	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">ผู้รับผิดชอบ</th> <th style="text-align: center;">กำหนดแล้วเสร็จ</th> <th style="text-align: center;">ผู้ติดตาม</th> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	ผู้รับผิดชอบ	กำหนดแล้วเสร็จ	ผู้ติดตาม												
ผู้รับผิดชอบ	กำหนดแล้วเสร็จ	ผู้ติดตาม														
ผู้ร่วมค้นหาสาเหตุ ..... ..... .....	ตำแหน่ง ..... ..... .....	ผู้ร่วมค้นหาสาเหตุ ..... ..... .....	ตำแหน่ง ..... ..... .....	หลักฐาน / เอกสาร ประกอบ (ถ้ามี) ..... ..... .....												
<b>ติดตามผลการดำเนินงาน</b> <input type="checkbox"/> การแก้ไขและป้องกันมีประสิทธิภาพ <input type="checkbox"/> การแก้ไขและป้องกันไม่มีประสิทธิภาพ เนื่องจาก ..... แนวทางการดำเนินงานต่อไป : .....  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           ลงชื่อ ..... ผู้ติดตาม            ( ..... )            วันที่ .....         </div> <div style="width: 45%;">           ลงชื่อ ..... ผู้ตรวจสอบ            ( ..... )            วันที่ .....         </div> </div>																





# รายงานการเกิดอุบัติเหตุ อุบัติการณ์

☐ อุบัติเหตุ (Accident)

☐ อุบัติการณ์ (Near Miss)

เลขที่ .....

วันที่ .....

เรียน .....

ข้าพเจ้า ..... ตำแหน่ง .....สังกัด.....โทรศัพท์.....

☐ เป็นหัวหน้าผู้ประสบเหตุ ☐ เป็นผู้ประสบเหตุการณ์ ☐ เป็นผู้พบเห็นเหตุการณ์ ☐ อื่น ๆ.....

**ข้อมูลของผู้ที่เกิดเหตุ** นาย / นาง / นางสาว ชื่อ.....สกุล.....อายุ.....

ตำแหน่ง.....สังกัด.....บริษัท.....

**ข้อมูลการเกิดเหตุ** สถานที่เกิดเหตุ.....วันเดือนปี.....เวลา.....

งานที่ทำในขณะเกิดเหตุ.....

เครื่องจักร/เครื่องมือ/อุปกรณ์ที่เกี่ยวข้อง.....

ลักษณะการเกิดเหตุ.....

ผลของการเกิดเหตุ .....

☐ ความสูญเสียต่อบุคคล .....

☐ ทรัพย์สินเสียหาย .....

☐ ความสูญเสียต่อระบบการผลิต.....

☐ ความสูญเสียต่อการบริการ.....

☐ ความสูญเสียต่อสิ่งแวดล้อม.....

## ระดับความรุนแรงของเหตุการณ์

☐ ความรุนแรงระดับ A ☐ ความรุนแรงระดับ B ☐ ความรุนแรงระดับ C ☐ ความรุนแรงระดับ D

จึงเรียนมาเพื่อโปรดทราบและพิจารณาดำเนินการต่อไป

ลงชื่อ .....

( .....)

ระดับ	ผลกระทบ				
	บุคคล	ทรัพย์สิน	กระบวนการผลิต	การบริการ	สิ่งแวดล้อม
A	เสียชีวิต สูญเสียอวัยวะ ทุพพลภาพ	มากกว่า 2,500,001 บาท	สูญเสียกำลังการผลิต 100 % ทำให้ Unit Trip หรือเสีย โอกาสการผลิตและจำหน่าย	ยกเลิกการบริการ	มีผลกระทบสูง และไม่สามารถฟื้นฟูได้ หรือใช้ เวลานานมากแพร่กระจายสู่ชุมชนภายนอก
B	บาดเจ็บ / เจ็บป่วย หยุดงาน มากกว่า 3 วัน	ตั้งแต่ 250,001- 2,500,000 บาท	สูญเสียกำลังการผลิต ตั้งแต่ 50 % ขึ้นไป	หยุดการบริการชั่วคราว ตั้งแต่ 1 วันขึ้นไป	มีผลกระทบรุนแรง แต่สามารถฟื้นฟูได้ภายใน 1 เดือน แพร่กระจายออกสู่พื้นที่ใกล้เคียง
C	บาดเจ็บ / เจ็บป่วย หยุดงาน 1-3 วัน	ตั้งแต่ 25,001 - 250,000 บาท	สูญเสียกำลังการผลิต น้อยกว่า 50 %	หยุดการบริการชั่วคราว น้อยกว่า 1 วัน	มีผลกระทบปานกลาง ใช้เวลาแก้ไข ฟื้นฟูไม่ เกิน 1 สัปดาห์ แพร่กระจายภายในพื้นที่เกิด
D	ปฐมพยาบาล ไม่หยุดงาน	น้อยกว่า 25,000 บาท	ไม่มีผลต่อระบบการผลิต ฯ	มีผลกระทบเล็กน้อย ไม่หยุดการบริการ	มีผลกระทบน้อย แก้ไขได้ทันที ไม่มีการ แพร่กระจาย





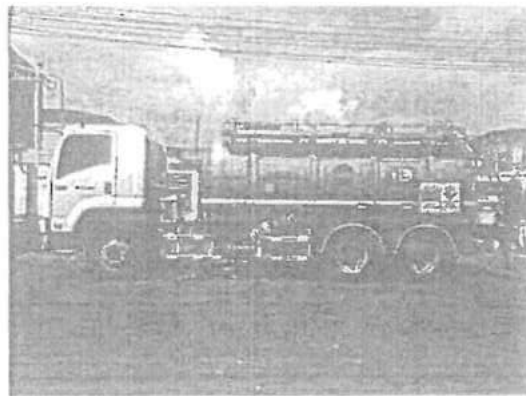
## ภาคผนวกที่ 19

แนวทางการปฏิบัติ เมื่อเกิดเหตุฉุกเฉิน  
ขณะขนส่งสารเคมี

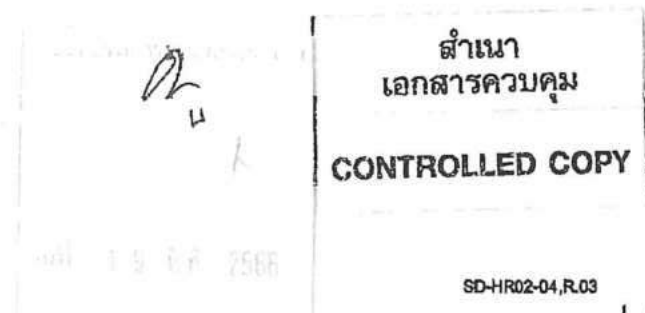




## บริษัท ซีนอน อินเตอร์ จำกัด



### คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า



SD-HR02-04,R.03

ได้อนก ติกนสรวม  
ก-อรน





บริษัท ซีโนน อินเตอร์ จำกัด

คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า

บทนำ

เนื่องด้วยปัจจุบัน บริษัทฯ มีปริมาณรถขนส่งจำนวนมาก โอกาสที่จะเกิดอุบัติเหตุที่ไม่พึงประสงค์ย่อมเกิดขึ้นได้ จึงบริษัทฯ มีความ  
ตระหนักในเรื่องความปลอดภัยของพนักงานขับรถ และสิ่งแวดลอม จึงได้มีการจัดทำแนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ให้พนักงาน  
ขับรถทุกท่านได้ทราบ และปฏิบัติได้อย่างถูกต้อง เพื่อลดการเกิดอุบัติเหตุ ความรุนแรง และ การสูญเสียที่อาจจะเกิดขึ้น รวมทั้งได้มีการ  
จัดเตรียมอุปกรณ์สนับสนุนในการปฏิบัติงาน



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หน้า 1





บริษัท ซีเอ็นอินเตอร์ จำกัด

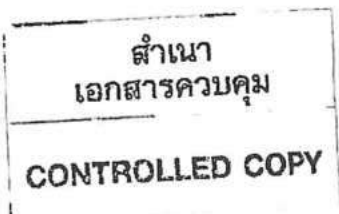
คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า

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บริษัท ซีนอน อินเตอร์ จำกัด

## คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า

### 1. แนวทางการปฏิบัติ เมื่อเกิดเพลิงไหม้ ขณะเอมิยลิตภัณฑ์

การเกิดอุบัติเหตุทำให้แท้งคที่บรรทุกสารเคมีเกิดเพลิงไหม้ขณะ เติมนลิตภัณฑ์ และพนักงานขับรถสามารถปฏิบัติกรได้ พนักงานขับรถควรปฏิบัติ ดังนี้

- 1.1 ควบคุมสติ
- 1.2 หยุดการไหลของผลิตภัณฑ์ทันที โดยกดปุ่มฉุกเฉิน
- 1.3 กดปุ่มดับเพลิงที่สถานีจ่าย
- 1.4 ปิดฝาลัง (กรณีที่เกิดด้านบน)
- 1.5 สวมใส่อุปกรณ์ป้องกันภัยส่วนบุคคล (PPE)
- 1.6 แจ้งขอความช่วยเหลือจากเจ้าหน้าที่สถานี
- 1.7 หากสามารถปฏิบัติได้ให้ใช้ถังดับเพลิงมือถือดับทันที
- 1.8 หยุดการเติมผลิตภัณฑ์จนกว่าจะได้รับอนุญาต
- 1.9 แจ้ง และรายงานข้อมูลต่อหัวหน้างาน
- 1.10 คอยฟังคำสั่ง และดำเนินการตามขั้นตอน ภายใต้คำแนะนำของหัวหน้างาน

### 2. แนวทางการปฏิบัติ เมื่อเกิดเพลิงไหม้ขณะเดินทาง

กรณีเกิดอุบัติเหตุทำให้แท้งคที่บรรทุกสารเคมีเกิดเพลิงไหม้ขณะเดินทาง และพนักงานขับรถสามารถปฏิบัติกรได้พนักงานขับรถควรปฏิบัติ ดังนี้

- 2.1 ควบคุมสติ
- 2.2 เคลื่อนย้ายรถออกจากชุมชน หรือเส้นทางจราจร (ถ้าสามารถปฏิบัติได้)
- 2.3 ดับเครื่องยนต์ และนำเอกสารเกี่ยวกับสารเคมีออกจากรถ
- 2.4 สวมใส่อุปกรณ์ป้องกันภัยส่วนบุคคล (PPE)
- 2.5 ทำการดับเพลิงด้วยเครื่องดับเพลิงมือถือ
- 2.6 แจ้งขอความช่วยเหลือจากหน่วยดับเพลิงที่ใกล้ที่สุด
- 2.7 แจ้ง และรายงานเหตุการณ์ต่อหัวหน้างานให้ทราบทันที
- 2.8 คอยฟังคำสั่ง และดำเนินการตามขั้นตอน ภายใต้คำแนะนำของหัวหน้างาน



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### คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า

#### 3. แนวทางการปฏิบัติ เมื่อเกิดเพลิงไหม้ขณะถ่ายยลิตภัณฑ์

กรณีเกิดอุบัติเหตุทำให้แท้งค์ที่บรรทุกสารเคมีเกิดเพลิงไหม้ขณะเดินทาง และพนักงานขับรถสามารถปฏิบัติได้ พนักงานขับรถควรปฏิบัติ ดังนี้

- 3.1 ควบคุมสติ
- 3.2 หยุดการไหลของผลิตภัณฑ์ทันที
- 3.3 ใช้ผ้าปิดช่องระบาย
- 3.4 ปิดวาล์วทางจ่าย
- 3.5 ใช้ถังดับเพลิงฉีดดับเพลิง
- 3.6 แจ้งเจ้าหน้าที่ลูกค้าที่เกี่ยวข้อง
- 3.7 ดูแลแจ้งรถบรรทุกที่อยู่ในบริเวณใกล้เคียง และรายงานเหตุการณ์ให้หัวหน้างานทราบ
- 3.8 พักคำสั่ง และดำเนินการตามขั้นตอน ภายใต้คำแนะนำของหัวหน้างาน

#### 4. แนวทางการปฏิบัติ เมื่อเกิดอุบัติเหตุจรัจ

กรณีเกิดอุบัติเหตุทำให้แท้งค์ที่บรรทุกสารเคมีเกิดอุบัติเหตุจรัจและพนักงานขับรถสามารถปฏิบัติได้ พนักงานขับรถควรปฏิบัติ ดังนี้

- 4.1 ควบคุมสติ
- 4.2 ให้สัญญาณเกี่ยวกับอันตรายแก่รถที่กำลังสัญจรบนเส้นทาง
- 4.3 แจ้งและรายงานข้อมูลเบื้องต้นต่อหัวหน้างานทันที
- 4.4 ไม่กล่าวในเชิงขมขื่นหรือปฏิเสธความรับผิดชอบใดๆ ในขณะนั้น
- 4.5 แจ้งเหตุต่อหน้าที่ตำรวจ
- 4.6 เรียกรถพยาบาลกรณีที่มีผู้บาดเจ็บ
- 4.7 รวบรวมข้อมูลต่างๆ เช่น
  - ชื่อ-ที่อยู่ และทะเบียนรถคู่กรณี
  - ผู้โดยสารที่บาดเจ็บของรถคู่กรณี
  - พยานบุคคล ชื่อและที่อยู่
  - เจ้าหน้าที่ตำรวจที่มาสอบสวน ( ชื่อ , ตำแหน่ง )



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การหัก ล้น จั่วไหล

การเกิดการหัก ล้น จั่วไหล ทุกครั้งย่อมหมายถึงแนวโน้มของอันตราย ที่เกิดขึ้นเกี่ยวกับผลิตภัณฑ์ ซึ่งจะส่งผลเสียหาย และผลกระทบต่องานต่อสิ่งแวดล้อม แม้จะมีการปฏิบัติได้อย่างทันการก็ตาม ยังเป็นผลให้เกิดค่าใช้จ่ายเกี่ยวกับการทำความสะอาด และสภาพลักษณะที่เสื่อมเสีย

ดังนั้น จึงเป็นสิ่งสำคัญที่พนักงานขับรถ ผู้ที่มีส่วนเกี่ยวข้อง จำเป็นต้องสร้างความคุ้นเคยต่อเครื่องมืออุปกรณ์ต่างๆ ที่ติดตั้งไว้บนรถบรรทุกสารเคมี เพื่อให้การแก้ไขเป็นไปอย่างมีประสิทธิภาพ

#### 5. แนวทางปฏิบัติ เมื่อเกิดเหตุฉุกเฉิน การ หัก จั่วไหล

##### 5.1 การหัก ล้น จั่วไหลในคลัง ขณะเติมผลิตภัณฑ์ กรณีหนักเล็กน้อย (ต้นทาง)

เป็นกรณีที่พนักงานขับรถสามารถควบคุมเหตุการณ์ได้ และปราศจากความเสี่ยงต่อบุคคล รถ รวมทั้งไม่ก่อให้เกิดอันตราย ต่อพนักงาน รถคันอื่นๆ หรือเครื่องมืออุปกรณ์ที่ใช้ในคลังผลิตภัณฑ์ ถ้าพนักงานปฏิบัติตามขั้นตอน ดังนี้

- 5.1.1 ควบคุมสติ ไม่สตาร์ทเครื่องยนต์
- 5.1.2 กรณีรั่ว ไหล หยุดการเติมทันที กดปุ่มฉุกเฉินเพื่อเพื่อนหยุดการรั่ว ไหล
- 5.1.3 ถิ่นบริเวณหากสารเคมี รั่ว ไหล มีความเป็นอันตราย
- 5.1.4 สวมชุดอุปกรณ์ป้องกันส่วนบุคคล (PPE)
- 5.1.5 นำแผ่นยางปูรองที่ขอบบริเวณพื้นที่มีท่อเพื่อป้องกันสารเคมีไหลลงท่อ
- 5.1.6 เก็บกู้สารเคมี โดยการโรยทราย และใช้ฟองน้ำดูดซับกักเก็บ
- 5.1.7 แจ้งเจ้าหน้าที่คลังสินค้า และรายงานหัวหน้าพื้นที่
- 5.1.8 ไม่ดำเนินการเติมผลิตภัณฑ์จนกว่าจะได้รับอนุญาต

##### 5.2 การหัก ล้น จั่วไหล ขณะขนส่งสินค้า (ระหว่างทาง)

- 5.2.1 หยุดรถข้างทาง และดับเครื่องยนต์ทันที
- 5.2.2 ตรวจสอบความเสียหาย
- 5.2.3 ถิ่นบริเวณขาว-แดง หรือตั้งกรวยจราจร เพื่อให้สัญญาณแก่รถที่สัญจร
- 5.2.4 รายงานข้อมูลเบื้องต้นต่อหัวหน้าพื้นที่
- 5.2.5 ประสานงานไปยังหน่วยงานที่เกี่ยวข้อง
- 5.2.6 สวมชุดป้องกันสารเคมี
- 5.2.7 ห้ามเก็บกู้เหตุการณ์รั่วไหลของสารเคมีทันที โดยการปิดวาล์วฉุกเฉินหัวจ่ายสารเคมี



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บริษัท ซีนอน อินเตอร์ จำกัด

## คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า

- 5.2.8 วิทยุหยาบลงบนสารเคมีที่รั่วไหลลงพื้น
- 5.2.9 ใช้ผ้าตัวกักทรายที่ปนเปื้อนสารเคมีใส่ลงถังพลาสติกกับถัง
- 5.2.10 เก็บกวาดพื้นที่ให้สะอาด
- 5.2.11 ล้างชุดป้องกันให้สะอาดก่อนออกจากพื้นที่
- 5.2.12 รายงานและประชุมสรุปผลการปฏิบัติงานควบคุมสารเคมีรั่วไหล
- 5.3 การทบทวน รั่วไหลในพื้นที่หน้างานลูกค้า ขณะถ่ายผลิตภัณฑ์ (ปลายทาง)

การทบทวนรั่วไหลใดๆ ก็ตาม ถึงแม้จะเกิดขึ้นเพียงเล็กน้อย ก็สามารถเป็นอันตรายได้ ถ้าเกิดขึ้นในสถานที่ของลูกค้า และพนักงานขับรถกำลังอยู่ในสถานที่ที่ไม่สามารถควบคุมสิ่งแวดล้อมได้ ดังนั้นขั้นตอนดำเนินการเมื่อเกิดกรณีดังกล่าวคือ

- 5.3.1 ควบคุมสถิติเหตุการณ์ของผลิตภัณฑ์พื้นที่ โดยกวดำส่วฉุกเฉิน
- 5.3.2 ดับเครื่องยนต์
- 5.3.3 ห้ามถอดสาย หรือเข้าใกล้สถานที่ที่เป็นอันตราย
- 5.3.4 กั้นบริเวณที่เป็นอันตราย
- 5.3.5 แจ้งให้เจ้าหน้าที่ของลูกค้าทราบทันที
- 5.3.6 แจ้ง และรายงานหัวหน้าทันที
- 5.3.7 ควบคุมดูแลพื้นที่อย่างใกล้ชิด
- 5.3.8 ควบคุม และเคลื่อนย้ายแหล่งที่ทำให้เกิดประกายไฟ
- 5.3.9 พยายามควบคุมการรั่วไหลไม่ให้ขยายบริเวณ
- 5.3.10 คอยฟังคำสั่ง และดำเนินการตามขั้นตอนภายในคำแนะนำ

### 6. แนวทางปฏิบัติ เมื่อรถบรรทุก เสีย หรือขัดข้อง

ในกรณีที่รถเสีย และระบบการทำงานที่สำคัญของรถขัดข้อง และอาจก่อความไม่ปลอดภัยในการขับเคลื่อนรถจนการปฏิบัติงานอื่นๆ พนักงานขับรถ ควรปฏิบัติดังนี้

- 6.1 นำรถออกจากถนน หรือผิวจราจร และจอดในพื้นที่ปลอดภัยที่สุด
- 6.2 ถ้าจำเป็นต้องจอดบนผิวจราจร ให้ตั้งกรวยจราจร
- 6.3 เข้า และดูแลรถตลอดเวลา เว้นแต่กรณีที่ต้องไป เพื่อแจ้งเหตุแก่หัวหน้างานทราบ
- 6.4 แจ้ง หรือให้ผู้ช่วยแจ้งเหตุให้หัวหน้างานทราบทันที
- 6.5 ห้ามลากรถผลิตภัณฑ์ เว้นแต่ได้รับอนุญาตจากหัวหน้างาน หรือเป็นการดำเนินการเพื่อความปลอดภัยของเจ้าหน้าที่ตำรวจ
- 6.6 ดำเนินการตามขั้นตอนภายในคำแนะนำของหัวหน้างาน



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คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า

7. แนวปฏิบัติ เมื่อเกิดอุบัติเหตุขั้วสัมผัส

ควรระมัดระวัง และป้องกันไม่ให้เกิดอุบัติเหตุขั้วสัมผัส ตลอดจนความเสี่ยงในการทำให้คุณภาพเสียจากผลิตภัณฑ์ผสม โดยเฉพาะอย่างยิ่งจะมีความซับซ้อนมากในขณะทำการเติม หรือถ่ายผลิตภัณฑ์ ฉะนั้นพนักงานขับรถจะต้องหลีกเลี่ยง ไม่ให้เกิดอุบัติเหตุขั้วสัมผัส ด้วยการปฏิบัติตามขั้นตอนการเติม หรือการถ่ายผลิตภัณฑ์ที่ถูกต้อง และหากเกิดอุบัติเหตุขั้วสัมผัส พนักงานขับรถจะต้องปฏิบัติตามนี้

- 7.1 ความคุมสติ
- 7.2 หยุดการไหลของผลิตภัณฑ์ทันที โดยกดวาล์วฉุกเฉิน ในกรณีเติมผลิตภัณฑ์
- 7.3 แจ้งให้หยุดการใช้ผลิตภัณฑ์ที่เกิดการผสม
- 7.4 แจ้ง และรายงานเหตุการณ์ให้หัวหน้างานทราบทันที
- 7.5 ดำเนินการอย่างเคร่งครัดตามคำแนะนำของหัวหน้างาน

แนวทางปฏิบัติในสภาพต่างๆ ของภาวะฉุกเฉิน

สถานการณ์ของภาวะฉุกเฉิน

พนักงานขับรถไม่ควรจะกระทำใดๆ ที่จะเป็ความเสี่ยง หรือก่อให้เกิดอันตรายต่อตนเอง และผู้อื่น ทั้งต่อชีวิตทรัพย์สินรวมทั้งรถยนต์ เครื่องมืออุปกรณ์ และผลิตภัณฑ์ เช่น การขับเข้าไปอยู่ในเหตุการณ์ที่ผิดปกติ เช่น เพลิงไหม้ น้ำท่วม เป็นต้น ซึ่งอาจก่อให้เกิดอันตรายได้ ให้พนักงานขับรถนำรถจอดในสถานที่ใกล้เคียงที่เห็นว่าเป็นที่ปลอดภัย และติดต่อหัวหน้างานเพื่อรายงาน และขอทราบขั้นตอนการปฏิบัติงาน

8. แนวทางปฏิบัติ เมื่อเกิดภาวะฉุกเฉิน จอดรถบนผิวจราจรบนทางหลวง บนไหล่ทาง บนถนนในตัวเมือง

- 8.1 เปิดไฟสัญญาณฉุกเฉินเพื่อบอกสัญญาณอันตรายตลอดเวลา
- 8.2 วางกรวยจราจรโดยมีระยะห่างจากกัน 3 เมตร วางตรงกลางของช่องทางห่างจากตัวรถไป ช้างหน้า 30 เมตร และด้านหลัง 100 เมตร โดยให้สัญญาณกระหับตลอดเวลา
- 8.3 แจ้ง และรายงานเหตุการณ์มายังหัวหน้างานทันที
- 8.4 คอยฟังคำสั่ง และดำเนินการตามขั้นตอน ภายใต้คำแนะนำของหัวหน้างาน





บริษัท ชินอเน อินเตอร์ จำกัด

### คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า

#### 9. แนวทางปฏิบัติ เมื่อเกิดเหตุฉุกเฉิน การจอดรถบนทางโค้ง ทางชัน ขึ้น/ลง มีสิ่งกีดขวางมองเห็นสัญญาณเตือน

สิ่งกีดขวางการมองเห็น พนักงานขับรถต้องดำเนินการดังนี้

- 9.1 พยายามหยุดรถในที่ปลอดภัยที่สุด
- 9.2 วางกรวยจราจรทั้งด้านหน้า และด้านหลังเป็นระยะห่างไม่น้อยกว่า 30 เมตร หรือไม่น้อยกว่า 150 เมตร
- 9.3 แจ้ง และรายงานเหตุการณ์มายังหัวหน้างาน
- 9.4 เฝ้าดูแลรักษารถไว้แต่ต้องไปเพื่อแจ้งแก่หัวหน้างาน
- 9.5 คอยฟังคำสั่ง และดำเนินการตามขั้นตอน ภายใต้คำแนะนำของหัวหน้างาน

#### 10. แนวทางการปฏิบัติ เมื่อเกิดเหตุฉุกเฉิน การจอดรถในช่องทางที่มีเส้นแบ่งจราจร หรือช่องทางเดียว

การจอดรถในช่องทางที่มีเส้นแบ่งจราจร หรือ ช่องทางเดียว เมื่อมีความจำเป็นจอดอยู่ใน ช่องทางจราจร ไม่ว่าจะมีความจำเป็น หรือช่องทางเดียวก็ตาม ให้พนักงานขับรถดำเนินการดังนี้

- 10.1 จอดรถตรงให้ห่าง
- 10.2 ให้สัญญาณไฟฉุกเฉินตลอดเวลา
- 10.3 วางเครื่องหมายเตือนภัยไว้ด้านท้าย โดยวางตำแหน่งกลางในช่องทางที่จอดรถวางอยู่มี ระยะห่างจากท้ายรถบรรทุก 30 เมตร 1 อัน และ 60 เมตร 1 อัน ส่วนที่ 3 วางข้างรถด้านที่มีการจราจร
- 10.4 แจ้ง และรายงานมายังหัวหน้างานทันที
- 10.5 คอยฟังคำสั่ง และดำเนินการขั้นตอนภายใต้คำแนะนำของหัวหน้างาน

#### 11. แนวทางปฏิบัติ เมื่อพบการเกิดอุบัติเหตุจราจร

การขอความช่วยเหลือที่สถานที่เกิดเหตุ

- 11.1 นำรถออกจากสถานที่เกิดเหตุ ถ้าไม่มีส่วนเกี่ยวข้องกับเหตุการณ์
- 11.2 ถ้าเป็นรถคันอื่นของบริษัทฯ ต้องติดต่อ และแจ้งให้หัวหน้าทราบทันที
- 11.3 หากสามารถจอดรถได้ และปลอดภัยจากอุบัติเหตุ ให้พนักงานขับรถให้การช่วยเหลือตามสมควร แต่ต้องมีการรายงาน
- 11.4 คอยฟังคำสั่ง และดำเนินการตามขั้นตอนภายใต้คำแนะนำของหัวหน้างาน

#### 12. แนวทางปฏิบัติในยามเหตุฉุกเฉินไม่สงบ (ก่อการร้าย)

ในกรณีที่บ้านเมืองไม่สงบ มีสงคราม หรือเหตุการณ์ไม่สงบ รวมถึงการก่อการร้าย ซึ่งอาจจะเกี่ยวข้องทั้งทางตรง และทางอ้อม ในการปฏิบัติงานขนส่ง พนักงานขับรถควรปฏิบัติตามดังนี้

- 12.1 การตรวจก่อนเริ่มงาน ในภาวะปกติพนักงานขับรถจะต้องทำการตรวจก่อนเริ่มงาน พนักงานขับรถควรสังเกตด้วยว่ามี วัสดุอันตราย หรือผิดปกติ เช่น สายไฟห้อยออกมาหรือไม่ วัสดุอันตรายที่ติดกับช่องว่างรอบตัวรถ หรือมีร่องรอยว่าถูก ขีดข่วน หรือถูกทำลาย ถ้ามีเหตุอันตรายให้รายงานหัวหน้างานทันที

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- 12.2 การตรวจรถก่อนออกทุกครั้ง โดยการเดินสำรวจรอบรถทุกครั้ง ในกรณีที่จอดรถในนอกพื้นที่จอด และไม่มีคนเฝ้ารถ มองหาสิ่งผิดปกติ หรือน่าสงสัย
- 12.3 ให้เดินทางตามการขนส่งที่กำหนดไว้
- 12.4 แจ้งให้หัวหน้างานทราบทันทีที่มีการเปลี่ยนแปลงเส้นทาง หรือเกิดความล่าช้าในการขนส่ง
- 12.5 ถ้าเส้นทางตามตารางมีอันตราย เช่น เกิดเหตุไม่สงบ การหยุดรถให้แจ้งหัวหน้างานทราบ และหาทางเลี่ยงอื่น
- 12.6 ให้จอดพักเฉพาะจุดพักที่กำหนดไว้ ตามที่ระบุในตาราง หรือหัวหน้างานกำหนด
- 12.7 เมื่อหยุด จอด หรือขณะเดินทางให้ถือคประตุน้ำต่างเสมอ
- 12.8 ไม่ทิ้งกุญแจในรถ เมื่อรถจอดไม่ว่าจะอยู่ในหรือนอกบริเวณที่จอดรถ
- 12.9 เมื่อรถไม่ได้ใช้งาน จะต้องจอดในที่จอดของบริษัท ซึ่งมีการตรวจความปลอดภัยที่ทางเข้า และ รอบๆ บริเวณ
- 12.10 ให้ตรวจรถอย่างถี่ถ้วนทุกครั้ง เพื่อให้แน่ใจว่าไม่มีสิ่งแปลกปลอม หรือวัตถุที่มีการติดไฟบนตัวรถ หรือบริเวณใกล้เคียง
- 12.11 ให้ตรวจสภาพอุปกรณ์สื่อสารให้อยู่ในสภาพใช้งานได้ดี เพื่อจะได้ติดต่อสื่อสารได้ตลอดเวลาที่ต้องการ
- 12.12 ถ้ารถมีการเติมแก๊ส เพื่อการจัดส่งในวันถัดไป จะต้องมีการตรวจระดับด้านความปลอดภัยเพิ่มเติม

#### 13. แนวทางปฏิบัติ เมื่อรถไม่มีคนเฝ้า

- 13.1 ห้ามทิ้งรถขณะที่ทำการเติมผลิตภัณฑ์ ลงผลิตภัณฑ์ หรือระหว่างการถ่ายผลิตภัณฑ์ การหยุด พักตามที่ได้รับอนุญาตนั้น เช่น จอดพักกลางวัน หรือพักระหว่างทาง จะต้องตั้งกุญแจรถออกเสมอและล็อกประตูรถ
- 13.2 ขณะขับรถ ประตุน้ำผู้โดยสารจะต้องล็อกไว้เสมอ ให้สังเกตคนแปลกหน้าที่เดินมาใกล้รถเมื่อจอดรถขณะรถติด รถหยุดที่ทางแยก หรือติดไฟแดง ให้ระวังในเรื่องการปล้นรถ
- 13.3 ขณะทำการลงผลิตภัณฑ์ให้ล็อกรถไว้เสมอ โดยเฉพาะด้านที่มองไม่เห็นขณะลงผลิตภัณฑ์

#### 14. หลักเพื่อสร้างความขัดแย้ง

เพื่อหลีกเลี่ยงความขัดแย้งกับคนอื่น หรือกับลูกค้าให้ถือแนวปฏิบัติ ดังนี้

- 14.1 ให้ปฏิบัติตัวให้สุภาพ และเป็นนักขับที่มีอาชีพ ด้วยการรับฟังความคิดเห็นของผู้อื่น
- 14.2 ต้องควบคุมอารมณ์ให้ดี
- 14.3 อย่าถือเอาเหตุการณ์ที่เกิดขึ้นว่าเป็นเรื่องส่วนตัว
- 14.4 อย่าแสดงอาการอู้อี้หรือทะเลาะกับลูกค้า
- 14.5 เมื่อคุณไปถึงหน้าสถานที่ของลูกค้า และเห็นว่ามีความผิดปกติไม่น่าพอใจเกิดขึ้น เสี่ยงกับการทำงาน ด้วยความปลอดภัย ให้ขับผ่านสถานที่นั้นเสีย และแจ้งหัวหน้างาน
- 14.6 ถ้าคุณกำลังลงผลิตภัณฑ์อยู่ และเหตุการณ์เลวร้ายลง ให้ทำการหยุดการไหล แก๊สบริเวณ และรับรถออกจากสถานที่นั้น ถ้าทำได้ แต่กรณีที่ทำได้ ไม่คำนึงถึงความปลอดภัยของตนเองเป็นสำคัญ ให้หาที่หลบภัย
- 14.7 ถ้าถูกขู่ทำร้าย ให้แจ้งเจ้าหน้าที่ตำรวจทันที แล้วแจ้งหัวหน้างาน

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คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า

15. รายการอุปกรณ์ฉุกเฉิน

15.1 อุปกรณ์ฉุกเฉินประจำรถ

ลำดับที่	รายการ	จำนวน	หมายเหตุ
1	ค้อนยาง	1 อัน	จัดเป็นชุดไว้ประจำ อยู่บนรถบรรทุก
2	ลิมนไฟ	1 ชุด	
3	กระเบื้อง	1 ใบ	
4	เศษผ้า	1/2 กก.	
5	วัสดุอุดรั่วสารเคมี	3 ชิ้น	
6	ไฟฉาย (ชนิดกันระเบิด)	1 อัน	
7	ถังดับเพลิงมือถือ	2 ถัง	
8	ขวานผ่าซาก	1 ขวด	
9	กล่องยาสามัญประจำรถ	1 ชุด	
10	เบรคเกอร์	1 คัน	
11	กรวยจราจร	3 อัน	
12	หมวกกันน็อค	2 อัน	
13	ทราย	1 ถุง	
14	ธงสี	1 อัน	

15.2 อุปกรณ์ป้องกันส่วนบุคคล (PPE)

ลำดับที่	รายการ	จำนวน	หมายเหตุ
1	เสื้อสะท้อนแสงตัววี	1 ตัว	จัดเป็นชุดไว้ประจำ อยู่บนรถบรรทุก ทุกคัน
2	ถุงมือยางไนไตร	2 คู่	
3	หน้ากากกันสารเคมี	1 ชุด	
4	แว่นครอบตา (ก๊อกลี)	1 อัน	
5	หมวกนิรภัย + สายยางรัดคาง	1 ชุด	
6	ชุดกันสารเคมี	1 ชุด	
7	รองเท้าบูท	1 คู่	

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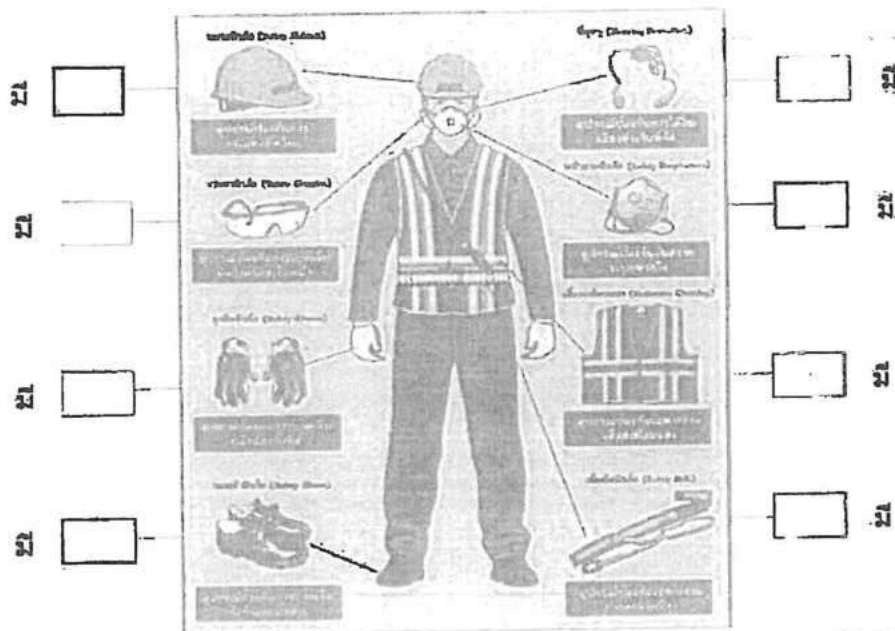


บริษัท ซีนอน อินเตอร์ จำกัด

คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะที่ขนส่งสินค้า

16. อุปกรณ์เซฟตี้ประจำตัวคนขับรถ (สารเคมีแห้ง)

อุปกรณ์เซฟตี้ประจำตัวคนขับรถ ( สารเคมีแห้ง )



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พ. วิศวกร

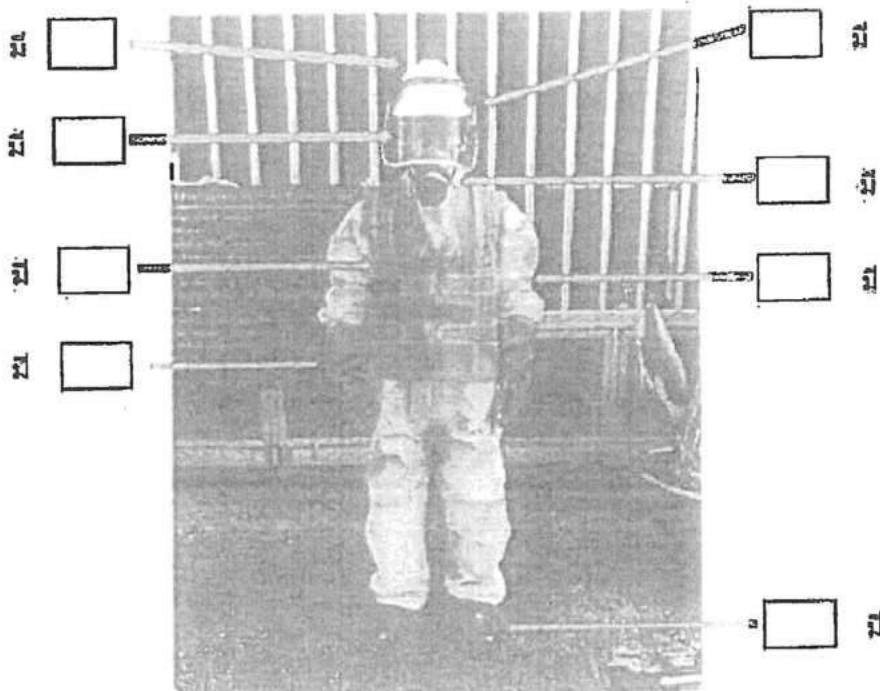




คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะที่ขนส่งสินค้า

อุปกรณ์ไฟฟ้าประจำตัวคนขับรถ (สารเคมีเหลว)

อุปกรณ์ไฟฟ้าประจำตัวคนขับรถ (สารเคมีเหลว)



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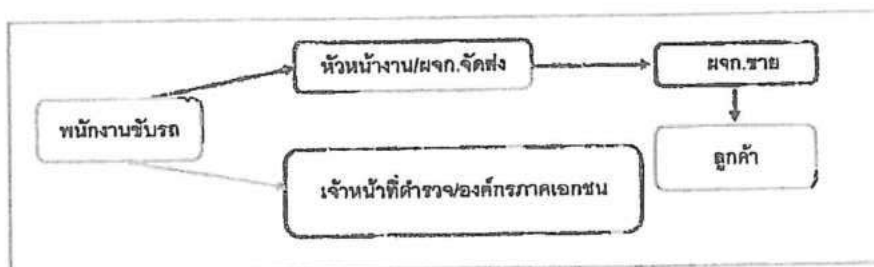


บริษัท ชินอน อินเทอร์เน็ต จำกัด

### 17. ขั้นตอนการแจ้งเหตุฉุกเฉิน

พนักงานขับรถ หรือ ผู้ประสบเหตุ ที่เกิดอุบัติเหตุ ติดต่อกลับมายังหน่วยงาน และแจ้งเจ้าหน้าที่ตำรวจ และองค์กรภาคเอกชน พร้อมแจ้งข้อมูลที่เป็นรายละเอียด เช่น

- สถานที่เกิดเหตุ
- ประเภทของรถบรรทุก
- รูปร่างลักษณะของถังบรรจุก๊าซเคมี และชนิดของสารเคมีที่บรรจุ
- ชื่อบริษัทขนส่ง
- จำนวนผู้ได้รับบาดเจ็บ



#### เบอร์โทรศัพท์ในกรณีฉุกเฉิน

1. คุณจ้าวบุญ (หัวหน้างานคลังสินค้า)	065-6511681
2. คุณคำใหม่ (ผู้จัดการคลังสินค้าและขนส่ง)	067-4855005
3. คุณพลาติมา (หัวหน้างานธุรการขนส่ง)	099-2796604
4. คุณอมรรัตน์ (จป.วิชาชีพ)	083-7178525
บริษัท ชินอน อินเทอร์เน็ต จำกัด	02-908-1970-3

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บริษัท ซีนอน อินเตอร์ จำกัด

## คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนส่งสินค้า

### ถังดับเพลิงมือถือ

เป็นอุปกรณ์ดับเพลิงขนาดเล็กที่ใช้ได้ผลดี ในระยะเริ่มต้นของเพลิงไหม้เท่านั้น และยังมีปริมาณน้อยไม่เพียงพอเมื่อเพลิงไหม้นั้นขยายตัวมากขึ้น ด้วยเหตุนี้ถังดับเพลิงขนาดเล็กจึงต้องติดตั้งในตำแหน่งที่เข้าถึงได้ง่ายโดยไม่ต้องปลดหรือขนย้ายอุปกรณ์เครื่องมือ

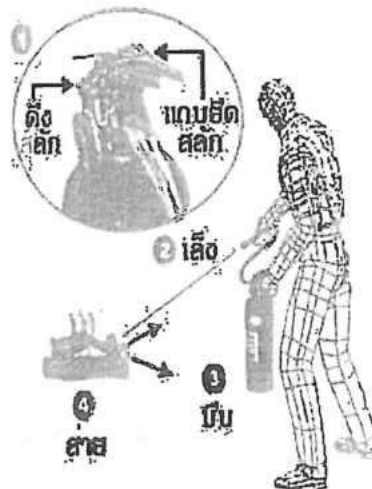
ถังดับเพลิงที่ใช้มานานแล้ว ต้องจัดวางในกล่องเครื่องมือของรถ เพื่อเป็นการเตือนว่าต้องได้รับการตรวจสภาพ และเติมสารเคมีใหม่

### 18. วิธีการใช้ถังดับเพลิงแบบมือถือ

กรณีทั่วไป มีเพียง 4 ขั้นตอนเบื้องต้นดังนี้ คือ "ดึง เล็ง ปั่น สาย"

1. ดึงสลัก บริเวณหัวบีบออก (ถังดับเพลิงบางรุ่นจะมีแถบยึดสลัก เป็น ลวด หรือพลาสติกเส้นเล็กๆ ยึดสลักกับหัวบีบไว้ เพื่อป้องกันสลักหลุดโดยไม่ตั้งใจ ต้องดึงสลักแรงพอที่จะทำให้แถบยึดสลักขาด ถึงจะดึงสลักออกได้)
2. เดินเข้ายืนอยู่ในบริเวณเหนือลม ห่างจากเพลิงประมาณ 2.5 เมตร แล้วหือบสายของถังดับเพลิงเตี้งลงไปตามด้านล่างบริเวณฐานของไฟ (ฐานไฟ คือ เชื้อไฟ เช่น กระดาษ ไม้ น้ำมัน หมายเหตุ ถ้าในบริเวณบริเวณเปลวไฟจะไม่ประสิทธิภาพเท่าที่ควร)
3. บีบหัวบีบของถังดับเพลิง จะมีสารเคมีเพลิงพุ่งออกมา
4. สายสายถังดับเพลิงไปซ้ายขวา โสดับเพลิงไปเรื่อยๆ

### รูปวิธีการใช้ถังดับเพลิงแบบมือถือ



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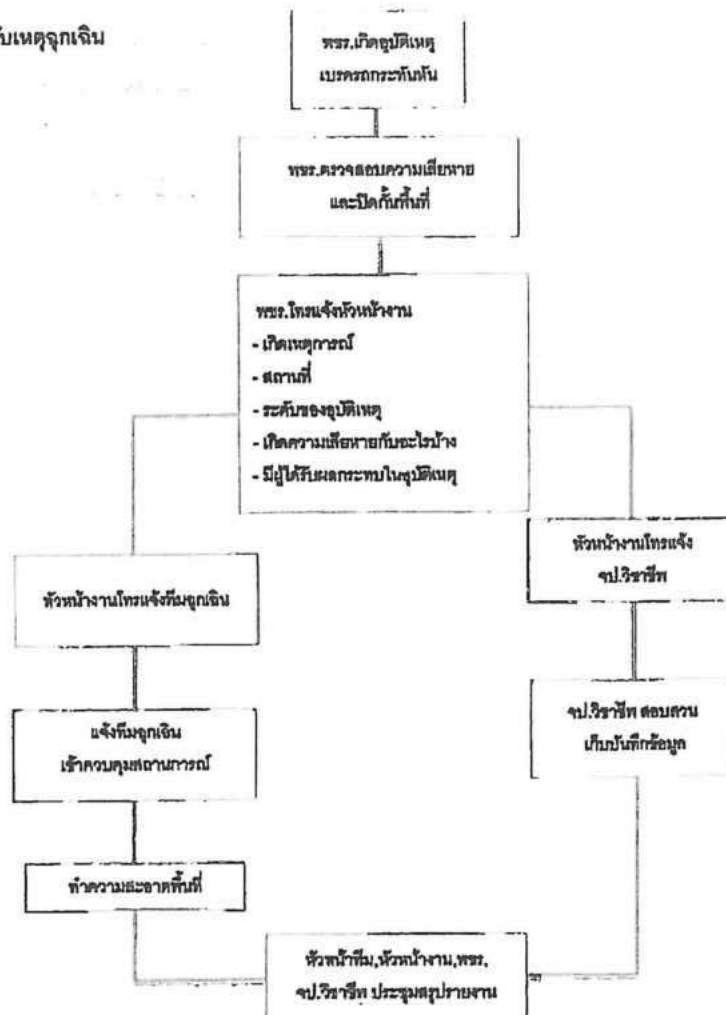




บริษัท ซีนอน อินเตอร์ จำกัด

คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะที่ขนส่งสินค้า

ขั้นตอนการรับมือเหตุฉุกเฉิน



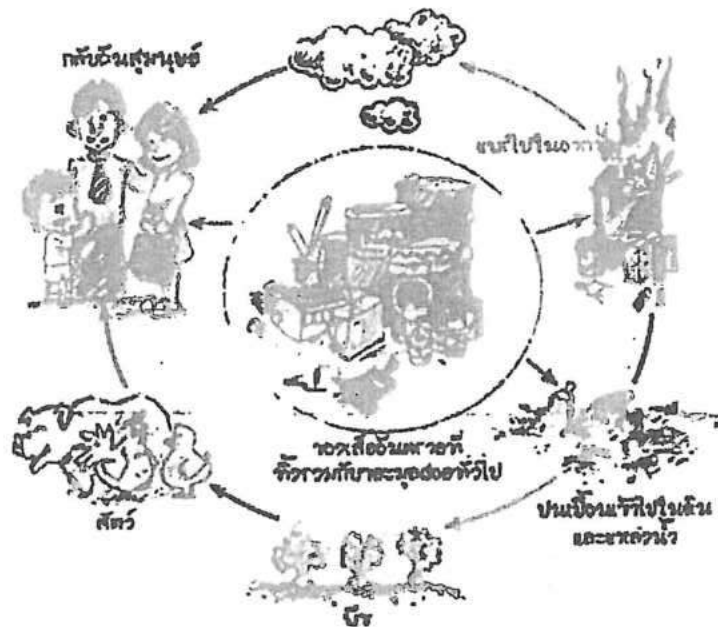
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## บริษัท ซีโนน อินเตอร์ จำกัด



คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน  
ในขณะขนของเสียอันตราย

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ได้โดยจาก จิตกิตติธรรม  
๑๖.๑๖.๖๖





บริษัท ซีโนน อินเตอร์ จำกัด

คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน  
ในขณะชนของเสียอันตราย

บทนำ

เพื่อเป็นคู่มือ สำหรับเจ้าหน้าที่ใช้ในการตรวจกำกับดูแลโรงงานที่มีสิ่งปนเปื้อนหรือวัสดุที่ไม่ใช่แล้ว ที่เป็นของเสียอันตราย โดย  
เนื้อหาครอบคลุมระบบการจัดการกากอุตสาหกรรม ตั้งแต่การเข้าสู่ระบบการจัดการของเสียอันตรายการจัดทำรายละเอียด  
ปริมาณการจัดเก็บ บรรจุภัณฑ์ สถานที่จัดเก็บ แผน และมาตรการป้องกันกรณีเกิดอุบัติเหตุหรือเหตุฉุกเฉิน และวิธีการกำจัดเพื่อ  
การกำกับดูแลเป็นไปตามข้อกำหนด และควบคุมการจัดการกากอุตสาหกรรม ไม่ให้มีผลกระทบต่อสิ่งแวดล้อม



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คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน  
ในขณะขนของเสียอันตราย

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นโยบายของเสียอันตราย

1. วัตถุประสงค์

เพื่อเป็นแนวทางในการปฏิบัติงาน กรณีเกิดเหตุฉุกเฉินจากการขนส่งของเสียอันตราย จากอุตสาหกรรม

2. ขอบเขต

แผนได้ครอบคลุมภาวะฉุกเฉิน จากภาคอุตสาหกรรมจากการขนส่งของเสียอันตราย เป็นแผนสำหรับการป้องกัน , การโต้ตอบ และการฟื้นฟูหลังจากเกิดเหตุภาวะฉุกเฉินจากการขนส่งของเสียอันตราย จากอุตสาหกรรม โดยเริ่มจาก โรงงานลูกค้ามายังโรงงาน ซึ่งเป็นการเตรียมความพร้อม สำหรับภาวะฉุกเฉินในกรณีเหตุที่มีผู้ร่วมใช้ถนนจำนวนมาก ซึ่งสามารถเกิดอุบัติเหตุ และอาจเป็นผล ทำให้ของเสียจากอุตสาหกรรมรั่วไหล และส่งผลกระทบต่อ สภาพแวดล้อม หรือผลกระทบต่อชุมชนได้ ดังนั้น แผนได้ครอบคลุม ฉุกเฉินนี้ จึงถูกเตรียมขึ้นมารองรับสถานการณ์ดังกล่าว

3. ความรับผิดชอบ

- 3.1 เจ้าหน้าที่บริษัทฯ มีหน้าที่ในการรับแจ้งเหตุ เมื่อมีเหตุการณ์สารเคมีรั่วไหลจากภายนอกโรงงาน
- 3.2 ทีมฉุกเฉินประจำโรงงาน มีหน้าที่ ออกมารับเหตุ เมื่อมีเหตุการณ์สารเคมีหก รั่วไหล หรือเหตุฉุกเฉิน ทั้งในเวลาทำงาน และนอกเวลาทำงาน
- 3.3 พนักงานขับรถ มีหน้าที่ ระงับเหตุในเบื้องต้น และแจ้งเหตุฉุกเฉินให้กับทีมฉุกเฉิน เพื่อเข้ามารับเหตุ
- 3.4 ผู้ควบคุมทีมฉุกเฉิน มีหน้าที่ ประสานงานกับ Emergency Commander ในการนำทีมฉุกเฉินเข้ามารับเหตุ
- 3.5 Emergency Commander มีหน้าที่สั่งการ และควบคุมการโต้ตอบภาวะฉุกเฉิน มิให้ขยายผล

4. คำจำกัดความ

- 4.1 เหตุการณ์ภาคอุตสาหกรรมหก รั่วไหล ภายนอกโรงงาน หมายถึง เหตุการณ์ต่างๆ ที่มีภาคอุตสาหกรรมทั้งประเภท ของแข็ง และของเหลว หก รั่วไหลภายนอกโรงงาน ในระหว่างการขนส่ง โดยแบ่งออกได้ดังนี้
  - 4.1.1 ภาคอุตสาหกรรมรั่วไหล ขึ้นเบื้องต้น น้อยกว่า 5 ลิตร หรือ น้อยกว่า 5 กิโลกรัม
  - 4.1.2 ภาคอุตสาหกรรมรั่วไหล ขึ้นปานกลาง มากกว่า 5 ลิตร แต่ไม่น้อยกว่า 500 ลิตร หรือ มากกว่า 5 กิโลกรัม
  - 4.1.3 ภาคอุตสาหกรรมรั่วไหล ฉุกเฉิน (รุนแรง) มากกว่า 500 ลิตร หรือ มากกว่า 500 กิโลกรัม หรือไม่สามารถ รั่ว เหตุได้ด้วยตัวเอง
- 4.2 เหตุการณ์นอกเหนือจากภาคอุตสาหกรรมรั่วไหล แล้วถือเป็นเหตุการณ์ขั้นรุนแรงทั้งสิ้น เช่น ไฟไหม้ภาค หรือภาชนะ บรรจุภาคว , รถบรรทุกคว่ำ , รถบรรทุกตกถนน เป็นต้น
- 4.3 การจำแนกระดับภาวะฉุกเฉิน หมายถึง การจำแนกระดับความร้ายแรงของอุบัติเหตุที่เกิดขึ้น โดยกำหนดแบ่งระดับภาวะ ฉุกเฉิน ดังนี้
  - 4.3.1 ภาวะฉุกเฉินระดับ 1

เป็นอุบัติเหตุร้ายแรงที่เกิดขึ้นตามเส้นทางขนส่งซึ่งพนักงาน และเจ้าหน้าที่ทีมฉุกเฉิน ของบริษัท ซินอน อินเตอร์ จำกัด สามารถควบคุมสถานการณ์และความเสียหายมิให้ขยายผลได้

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ในขณะขนของเสียอันตราย

4.3.2 ภาวะฉุกเฉินระดับ 2

เป็นอุบัติเหตุร้ายแรง ที่มีการรั่วไหล และมีผลกระทบต่อสิ่งแวดล้อม ที่เกิดขึ้นตาม เส้นทางขนส่งซึ่งพนักงานของ บริษัท ซีโนน อินเตอร์ จำกัด และเจ้าหน้าที่ที่มารถฉุกเฉินของ บริษัท ซีโนน อินเตอร์ จำกัด ไม่สามารถควบคุมสถานการณ์ได้ ต้องขอความช่วยเหลือจากหน่วยงานราชการ, เทศบาล หรือหน่วยงานอื่นๆ ในเขตพื้นที่นั้นๆ ในการควบคุมสถานการณ์ และความปลอดภัย

4.3.3 ภาวะฉุกเฉินระดับ 3

เป็นอุบัติเหตุร้ายแรง ที่มีการรั่วไหลเกิดขึ้นตามเส้นทางขนส่ง และมีผลกระทบต่อชุมชน, สิ่งแวดล้อมอย่างมาก, มีคนบาดเจ็บล้มต หรือเสียชีวิต และเหตุการณ์ที่เกิดขึ้นไม่สามารถควบคุมให้สถานการณ์ปลอดภัยได้ จำเป็นต้องขอความช่วยเหลือ ในระดับที่ต้องเข้าแก่งกับหน่วยงานของจังหวัดนั้นๆ รวมทั้งทีม ฉุกเฉินของ บริษัท ซีโนน อินเตอร์ จำกัด เข้าไปประสานงานระงับเหตุด้วย



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บริษัท ซีนอน อินเตอร์ จำกัด

## คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน ในขณะขนของเสียอันตราย

### 5. ของเสียอันตราย

"ของเสียอันตราย" หมายถึง ของเสียใดๆ ที่มีองค์ประกอบ หรือปนเปื้อนวัตถุอันตรายชนิดต่างๆ ซึ่งได้แก่ วัตถุระเบิด วัตถุไวไฟ วัตถุออกซิไดซ์ และวัตถุเปอร์ออกไซด์ วัตถุมีพิษ วัตถุที่ทำให้เกิดโรค วัตถุกัดกร่อน วัตถุที่ก่อให้เกิดการเปลี่ยนแปลงทางพันธุกรรม วัตถุกัดกร่อน วัตถุที่ก่อให้เกิดการระคายเคือง วัตถุอย่างอื่นไม่ว่าจะเป็น เคมีภัณฑ์ หรือสิ่งอื่นใดที่อาจทำให้เกิดอันตรายแก่บุคคล สัตว์ พืช หรือสิ่งแวดล้อม

### 6. การจำแนกตามคุณสมบัติ (Characteristic) ของเสียอันตรายสามารถแบ่งออกได้ 7 ประเภทดังนี้

คุณสมบัติไวไฟ : จุดวาบไฟ <60 องศาเซลเซียส ถูกเป็นไฟเมื่อเสียดสี จุดความชื้น ปฏิกริยาภายในเป็นการอัดที่จุดระเบิดได้ เป็นสารออกซิไดเซอร์

คุณสมบัติกัดกร่อน : pH < 2 หรือ > 12.5 กัดกร่อนเหล็กกล้าชั้น SAE (Society of Automotive Engineers) 1020 > 6.35 มิลลิเมตร ที่ 55 องศาฟาเรนไฮต์

คุณสมบัติเกิดปฏิกิริยาได้ง่าย : มีสภาพไม่คงตัว ทำปฏิกิริยาได้รวดเร็วและรุนแรงกับน้ำ รวมกับน้ำได้ของผลระเบิดได้ เกิดก๊าซพิษ หรือเป็นสารที่มี CN, S เมื่อ pH 2-12.5 จะเกิดก๊าซพิษ ไอพิษหรือควันพิษ

คุณสมบัติเป็นพิษ : มีอันตรายต่อสุขภาพอนามัยทำให้ตายได้ในปริมาณเล็กน้อย เป็นพิษต่อสัตว์ทดลอง เป็นสารก่อให้เกิดมะเร็ง หรือ สกัดแล้วมีโลหะหนักหรือสารพิษมากกว่าที่กำหนด

คุณสมบัติถูกชะล้างได้ : เมื่อนำมาทดสอบด้วยวิธีมาตรฐานแล้ว มีปริมาณโลหะหนักหรือสารที่มีพิษ เช่น ตะกั่ว ปะอุน สารหนู ปนเปื้อน อยู่ในน้ำสกัดเท่ากับหรือเกินกว่ามาตรฐานกำหนดไว้

คุณสมบัติทำให้เกิดโรค : ของเสียที่มีเชื้อโรคปนเปื้อนอยู่ในปริมาณหรือความเข้มข้นที่สามารถทำให้เกิดโรคได้ และเป็นสาเหตุที่ก่อให้เกิดการติดเชื้อได้

คุณสมบัติเป็นสารกัมมันตรังสี : ของเสียที่ประกอบ หรือปนเปื้อนด้วยสารกัมมันตรังสีที่ไม่ใช่แล้ว ในระดับกัมมันตรังสีสูงเกินกว่าเกณฑ์ปกติในธรรมชาติเกิดจากการผลิตซึ่งปนเปื้อนด้วยวัตถุกัมมันตรังสี



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คู่มือ แนวทางการปฏิบัติเมื่อเกิด อุจ จิ  
ในขณะขนของเสียอันตราย

## 7. การเตรียมการก่อนการขนส่ง

เนื่องจากของเสียอันตราย ถือเป็นวัตถุอันตรายประเภทหนึ่ง ดังนั้นก่อนที่จะดำเนินการขนส่งของเสียอันตราย เพื่อนำไปกำจัด กำกับ และกำจัดนอกพื้นที่ ผู้ก่อการเกิดของเสียอันตราย จะต้องทำการบรรจุของเสียอันตราย ติดฉลากความเป็นอันตราย (labelling) บนภาชนะบรรจุ ติดฉลากของเสียอันตราย (marking) และติดป้ายแสดงความเป็นอันตราย (placarding) บนยานพาหนะ ตามข้อแนะนํา การขนส่งวัตถุอันตรายขององค์การสหประชาชาติ (United Nations) และหรือตามเกณฑ์มาตรฐาน และวิธีการขนส่งวัตถุอันตราย ของกรมควบคุมมลพิษ ดังนี้

## 8. การบรรจุ

ก่อนส่งมอบของเสียอันตรายออกพื้นที่ ผู้ก่อการเกิดของเสียอันตรายต้องบรรจุของเสีย ตามวิธีการที่เกี่ยวข้องกับ การบรรจุ ตามข้อแนะนํา การขนส่งวัตถุอันตราย ขององค์การสหประชาชาติ (Recommendations on the Transport of Dangerous Goods, (New York and Geneva) และ / หรือตามเกณฑ์มาตรฐาน และวิธีการขนส่งวัตถุอันตราย ของกรมควบคุมมลพิษ ซึ่งจะนำมาใช้ กับ ภาชนะบรรจุประเภทหีบห่อภาชนะบรรจุ IBCs (Intermediate Bulk Containers) และแท้งก์ที่เคลื่อนย้ายได้ (portable tank) เท่านั้น รายละเอียดสรุปได้ดังนี้

- 8.1 ภาชนะบรรจุประเภทหีบห่อ หมายถึง ส่วนรองรับ และองค์ประกอบอื่นๆ หรือวัสดุที่จำเป็น เพื่อให้ส่วนรองรับนั้นทำหน้าที่บรรจุของได้
- 8.2 ภาชนะบรรจุ IBCs หมายถึง ภาชนะบรรจุที่แข็ง หรือยืดหยุ่น และออกแบบให้สามารถเคลื่อนย้ายได้ด้วยเครื่องจักร ทนต่อสภาวะการขนส่ง แบ่งออกเป็น
  - ๑ ความจุไม่เกิน 1.5 ลูกบาศก์เมตร (1,500 ลิตร) สำหรับของเสียอันตรายที่เป็นของแข็งในกลุ่มการบรรจุ I เมื่อภาชนะบรรจุ IBCs ไม่ได้ทำด้วยโลหะ
  - ๒ ความจุไม่เกิน 3.0 ลูกบาศก์เมตร (3,000 ลิตร) สำหรับของเสียอันตรายที่เป็นของแข็งในกลุ่มการบรรจุ I เมื่อภาชนะบรรจุ IBCs ทำด้วยโลหะ
  - ๓ ความจุไม่เกิน 3.0 ลูกบาศก์เมตร (3,000 ลิตร) สำหรับของเสียอันตรายที่เป็นของแข็ง และของเหลวในกลุ่มการบรรจุ
- 8.3 แท้งก์ที่เคลื่อนย้ายได้ หมายถึง แท้งก์ที่เคลื่อนย้ายได้ที่ใช้ สำหรับขนส่งหลายระบบ (Multimodal Portable Tank) ที่มีความจุมากกว่า 450 ลิตร ซึ่งรวมอุปกรณ์ที่จำเป็นสำหรับ การขนส่งด้วย

นอกจากนี้องค์การสหประชาชาติได้แบ่งกลุ่มการบรรจุวัตถุอันตราย (ของเสียอันตราย) ตามความรุนแรงได้เป็น 3 กลุ่ม คือ

- กลุ่มการบรรจุประเภท I เป็นกลุ่มการบรรจุวัตถุอันตรายมาก
- กลุ่มการบรรจุประเภท II เป็นกลุ่มการบรรจุวัตถุอันตรายปานกลาง
- กลุ่มการบรรจุประเภท III เป็นกลุ่มการบรรจุวัตถุอันตรายน้อย



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ในขณะขนของเสียอันตราย

9. การจำแนกกลุ่มการบรรจุ ตามสมบัติความไวไฟ

กลุ่มการบรรจุ(Packing Group)	จุดวาบไฟที่ห่อหุ้มในภาชนะปิด (Flash Point at closed cup °C)	จุดเดือดเริ่มต้น (Initial Boiling Point °C)
I	-	< 35
II	< 23	> 35
III	> 23 < 60.5	> 35

10. การจำแนกกลุ่มการบรรจุ ตามสมบัติความเป็นพิษ

กลุ่มการบรรจุ(Packing Group)	พิษจากการกิน (Oral toxicity) LD50 (mg/kg)	พิษผ่านทางผิวหนัง (Dermal toxicity) LD50 (mg/kg)	พิษจากการสูดดมฝุ่นและละอองไอ (Inhalation toxicity by dusts and mists) LC50 (mg/l)
I	> 5	> 4	> 0.5
II	> 5	> 40 - 200	> 0.5 - 2
III	Solid > 50 - 200 Liquid > 50 - 200	> 200 - 1000	> 2 - 10



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คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน  
ในขณะขนส่งเสียอันตราย

11. การจำแนกกลุ่มการบรรจุ ตามคุณสมบัติการกัดกร่อน

กลุ่มการบรรจุ (Packing Group)	สารกัดกร่อน (Corrosive Substances)
I	สารที่เป็นสาเหตุให้เกิดการทำลายอย่างสมบูรณ์กับเนื้อเยื่อผิวหนังที่มีความหนาน ในช่วงเวลาสัมผัสจนถึง 60 นาที โดยเริ่มนับหลังจากเนื้อเยื่อนั้นได้สัมผัสกับสารเป็นระยะเวลามากกว่า 3 นาที แต่ไม่เกิน 60 นาที
II	สารที่เป็นสาเหตุให้เกิดการทำลายอย่างสมบูรณ์กับเนื้อเยื่อผิวหนังที่มีความหนาน ในช่วงเวลาสัมผัสจนถึง 14 วัน โดยเริ่มนับหลังจากเนื้อเยื่อนั้นได้สัมผัสกับสารเป็นระยะเวลามากกว่า 3 นาที แต่ไม่เกิน 60 นาที
III	สารที่เป็นสาเหตุให้เกิดการทำลายอย่างสมบูรณ์กับเนื้อเยื่อผิวหนังที่มีความหนานในช่วงเวลาสัมผัสจนถึง 14 วัน โดยเริ่มนับหลังจากเนื้อเยื่อนั้นได้สัมผัสกับสารเป็นระยะเวลามากกว่า 60 นาที แต่ไม่เกิน 4 ชั่วโมง สารที่ได้รับการพิจารณาว่าไม่เป็นสาเหตุให้เกิดการทำลายอย่างสมบูรณ์กับเนื้อเยื่อผิวหนังที่มีความหนาน แต่มีอัตราการกัดกร่อนผิวของเหล็กหรืออลูมิเนียมมากกว่า 6.25 มิลลิเมตรต่อปี ที่อุณหภูมิสำหรับการทดสอบเท่ากับ 55 องศาเซลเซียส (วิธีการทดสอบที่ ASTM G31-72)



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ในขณะขนของเสียอันตราย

12. การแก้ไข กรณีเกิดฉุกเฉินระหว่างการขนส่ง

12.1 กรณีหกรั่วไหล

กรณีที่มียางเสียอันตรายหก รั่วไหล ระหว่างการขนส่ง ผู้ขนส่งของเสียอันตรายจะต้องดำเนินการ เพื่อแก้ไขเหตุดังกล่าว มิให้มีผลกระทบต่อสุขภาพอนามัย และสิ่งแวดล้อม โดยจะต้องดำเนินการแก้ไขเหตุตามวิธีการ (procedure) ที่หน่วยงานกำกับดูแลแนะนำ ผู้ขนส่งของเสียอันตรายที่ดำเนินการ การแก้ไขเหตุการณ์ รั่วไหลระหว่างการขนส่งตามคำแนะนำ ของหน่วยงานกำกับดูแล ได้รับการยกเว้น การขึ้นทะเบียน เป็นผู้ขนส่งของเสียอันตราย และไม่ต้องจัดทำเอกสารกำกับการขนส่งของเสียอันตราย

12.2 การทำความสะอาดบริเวณที่หก สิ้น รั่วไหล (Discharge Clean-Up)

ผู้ขนส่ง ของเสียอันตราย จะต้องทำความสะอาดพื้นที่ ที่เกิดการหกหล่นรั่วไหล ให้อยู่ในสภาพที่ไม่เป็นอันตรายต่อสุขภาพอนามัย ของมนุษย์และสิ่งแวดล้อม

13. การรายงานอุบัติเหตุ

ผู้ขนส่งของเสียอันตรายมีหน้าที่ในการรายงานการเกิดอุบัติเหตุ หรืออุบัติเหตุที่เกิดขึ้นระหว่างการขนส่งของเสียอันตรายทันที โดยทางวาจา โทรศัพท์ โทรสาร หรือด้วยวิธีอื่นใดไปยังหน่วยงานกำกับดูแล และภายหลังจากที่ได้แก้ไขอุบัติเหตุเรียบร้อยแล้ว หากอุบัติเหตุดังกล่าวก่อให้เกิดความเสียหายอย่างใดอย่างหนึ่ง ต่อไปนี้

13.1 มีผู้เสียชีวิต หรือได้รับบาดเจ็บสาหัส เนื่องจากของเสียอันตราย

13.2 มีความเสียหายเกิดขึ้นต่อยานพาหนะทุกคู่กรณีรวมกันมากกว่า 2 คันมาท

13.3 มีการอพยพประชาชนออกนอกพื้นที่เดิม

13.4 มีการปิดถนนหรือเส้นทางจราจรสายหลัก

13.5 มีการเปลี่ยนแปลงกำหนดเส้นทางของรถไฟ สายการบินเนื่องจากเหตุการณ์

13.6 เกิดเพลิงไหม้หรือการรั่วไหลของวัตถุที่มีอันตราย หรือวัตถุติดเชื้อ

13.7 เกิดการรั่วไหลของของเสียอันตรายลงในแหล่งน้ำธรรมชาติ รวมทั้งทะเล แม่น้ำ ฯลฯ ที่มีปริมาณเกิน 400 กิโลกรัม (ของแข็ง) หรือ 450 กิโลกรัม (ของเหลว)



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บริษัท ซีนอน อินเตอร์ จำกัด

คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน  
ในขณะงานของเสียอันตราย

14. การปฏิบัติงาน และการเตรียมความพร้อม

14.1 ขั้นตอนการเตรียมพร้อม

14.1.1 พนักงานขับรถขนส่งกากอุตสาหกรรม

14.1.1.1 มีการอบรมเรื่องความปลอดภัย และแผนฉุกเฉินการขนส่ง

14.1.1.2 ตรวจร่างกายตามระยะเวลาที่กำหนด

14.1.1.3 ตรวจสอบอุปกรณ์ความปลอดภัย , อุปกรณ์ฉุกเฉิน , อุปกรณ์สื่อสาร ให้มีความพร้อมตลอดเวลา

14.1.1.4 ศึกษาเส้นทางก่อนออกเดินทางไปรับกากอุตสาหกรรม และหลีกเลี่ยงเส้นทางที่ผ่านชุมชน

14.1.1.5 ตรวจสอบสภาพรถ อุปกรณ์ต่างๆ เช่น วาล์วต่างๆ ที่ใช้ดูของเหลว เป็นต้น

14.1.2 รถขนส่งกากอุตสาหกรรม

14.1.2.1 เข้าทำการตรวจสภาพ ตามระยะเวลาที่กำหนด เพื่อให้รถมีสมรรถนะ และความปลอดภัยเชิงรุก (Active Safety)

14.1.2.2 เตรียมอุปกรณ์ฉุกเฉินที่จำเป็น ไปกับรถขนส่งกากอุตสาหกรรม คือ

- เครื่องดับเพลิง
- อุปกรณ์ปฐมพยาบาล
- ทรายสะทอนแสง สำหรับกรณีรั่วซึม หรืออุบัติเหตุ เพื่อเป็นสัญญาณให้รถคันอื่นทราบ
- วัสดุดูดซับ ชนิดสารเคมี หรือน้ำมัน แล้วแต่การขนส่งกากอุตสาหกรรม เพื่อดูดซับกาก หรือสารเคมี
- พลับ ไม้สำหรับดับกาก หรือดินเพื่อทำการคั่นกั้นกากอุตสาหกรรมที่มีของเหลว
- อุปกรณ์ป้องกันอันตรายส่วนบุคคล เช่น ชุดป้องกันสารเคมี Level 4 , แว่นตาปิดมิด , ถุงมือ ป้องกันสารเคมี เป็นต้น
- แผนปฏิบัติ เมื่อเกิดเหตุฉุกเฉิน
- อื่นๆ เช่น ไฟฉายนิรภัย ชุดชีวิตโตนดुरอยรั่ว

14.1.2.3 ทำการตรวจสอบ กากอุตสาหกรรมเบื้องต้น เช่น มีควันขึ้นจากความร้อนหรือไม่ ฝาปิดมิดชิดหรือไม่

14.1.2.4 ห้ามนำภาชนะบรรจุกาก ที่มีลักษณะที่อาจก่อให้เกิดความเสี่ยง ขึ้นมาบนรถขนส่งโดยเด็ดขาด เช่น ถังบวม เป็นต้น

14.1.2.5 ห้ามนำกากที่ไม่ตรงกับ ที่ระบุในเอกสารขึ้นรถโดยเด็ดขาด และติดต่อกลับ บริษัท ซีนอน อินเตอร์ จำกัด โดยด่วน หากมีปัญหา



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บริษัท ซีโนน อินเตอร์ จำกัด

คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน  
ในขณะขนของเสียอันตราย

14.2 ขั้นตอนการควบคุมการกักตุนสารรวมรั่วไหลระหว่างการขนส่งด้วยตัวเอง

14.2.1 ควมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลให้เหมาะสม เช่น

- หมวกนิรภัย
- แว่นนิรภัย หรือแว่นครอบตา (Goggle)
- หน้ากากกรองสารเคมี
- ถุงมือกันสารเคมี
- ชุดกันสารเคมี

14.2.2 ใช้กรวยสะท้อนแสงที่มีอยู่ประจำรถเพื่อบอกจุดเกิดเหตุและป้องกันอุบัติเหตุที่เกิดขึ้นจากการรวมทาง

14.2.3 ทำการปฐมพยาบาลเบื้องต้น หักตนเองและผู้อื่น

14.2.4 ประเมินสถานการณ์เบื้องต้น

- กากอุตสาหกรรมรั่วไหล ปริมาณที่รั่วไหลน้อยกว่า 5 ลิตร หรือ น้อยกว่า 5 กิโลกรัม หมายถึง ความรุนแรง เล็กน้อย และสามารถระงับเหตุได้ด้วยตนเอง
- กากอุตสาหกรรมรั่วไหล ปริมาณที่รั่วไหล 5 ลิตร ถึง 500 ลิตร หรือ 5 กิโลกรัม ถึง 500 กิโลกรัม หมายถึง ความรุนแรง ปานกลาง ประเมินสถานการณ์ว่าสามารถระงับเหตุด้วยตนเองได้หรือไม่
- กากอุตสาหกรรมรั่วไหล ปริมาณที่รั่วไหลมากกว่า 500 ลิตร หรือ มากกว่า 500 กิโลกรัม หรือไม่สามาร ะงับเหตุได้ด้วยตนเอง หมายถึง ความรุนแรงมาก ต้องแจ้งเหตุยังกรมการผู้จัดการ หรือเจ้าหน้าที่บริษัท เพื่อ ทำการแจ้งเหตุ และประสานงานในส่วนที่เกี่ยวข้องต่อไป

14.2.5 เข้าระงับเหตุ

- อยู่เหนือลม
- ใช้อุปกรณ์ที่มีอยู่หยุดการรั่วไหล เช่น ซีลเทีย, แผ่นดูดซับ , ทาย
- ใช้หลักตัดกักที่ดูดซับเพื่อนำไปกำจัดต่อไป (กรณีเป็นสารไวไฟต้องแยกภาชนะให้ห่างจากแหล่งเกิดเหตุให้มากกว่า 15 เมตร)

14.2.6 ทำความสะอาดบริเวณที่เกิดเหตุหลังระงับเหตุเป็นที่เรียบร้อยแล้ว

14.2.7 ทำการเขียนรายงานเบื้องต้นโดยมีรายละเอียด ดังนี้

- สถานที่เกิดเหตุ / ชื่อกาก / บริษัทเจ้าของกาก
- สาเหตุ / สถานการณ์
- หมายเลขทะเบียนรถ / ชื่อผู้รับแจ้งเหตุ
- ผลกระทบที่เกิดขึ้น / ความเสียหาย • ผู้บาดเจ็บ (ถ้ามี) หมายเหตุ : หากกากที่รั่วไหลเป็นประเภทไวไฟ เช่น น้ำมัน , ตัวทำละลายต่างๆ ต้องทำการแยกภาชนะหรือถังให้ ห่างจากแหล่งที่อาจก่อให้เกิดประกายไฟ อย่างน้อย 15 เมตร เพื่อป้องกันการลุกกลาม



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บริษัท ซีนอน อินเตอร์ จำกัด

คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน  
ในขณะขนของเสียอันตราย

- 14.3 ขั้นตอนการควบคุมการกักตุนสารเคมีรั่วไหล , ไฟไหม้ , รถชนส่งพลิกคว่ำ , สารเคมีรั่วไหลมากกว่า 500 ลิตร ก่อให้เกิดผลกระทบสิ่งแวดล้อม หรือไม่สามารถระงับเหตุด้วยตนเองได้ (ขั้นรุนแรง)
- 14.3.1 ติดต่อแจ้งเหตุ ให้กรรมการผู้จัดการ หรือเจ้าหน้าที่บริษัท ตามรายละเอียดการรับเรื่องเหตุฉุกเฉินภายนอก โรงงาน
- 14.3.2 แจ้งทีมฉุกเฉิน เพื่อให้อยู่ในสภาพเตรียมพร้อม เพื่อรอคำสั่งในการออกระงับเหตุ
- 14.3.3 แจ้งกรรมการผู้จัดการ เพื่อให้ทราบข้อมูลที่เกิดขึ้นของเหตุฉุกเฉิน
- 14.3.4 แจ้งฝ่ายขนส่ง เพื่อให้ทราบข้อมูลที่เกิดขึ้นของเหตุฉุกเฉิน
- 14.4 ขั้นตอนการปฏิบัติงานของทีมฉุกเฉิน
- 14.4.1 เตรียมพร้อมเข้าปฏิบัติงานฉุกเฉินทุกเมื่อ เมื่อได้รับการแจ้งเหตุ และเข้าทำการเตรียมอุปกรณ์ฉุกเฉินในการ ระงับเหตุ
- 14.4.2 ตรวจสอบชนิดของกาก จากฝ่ายขนส่ง , ลูกค้าสัมพันธ์ เพื่อเตรียมมาตรการ ในการจัดการกากสารเคมี นั้น
- 14.4.3 ทำการตรวจสอบข้อมูลที่เกิดเหตุ และทำการจัดแบ่งหน้าที่ความรับผิดชอบสำหรับเจ้าหน้าที่ทีมฉุกเฉินในการ เข้าสู่สถานการณ์ฉุกเฉิน
- 14.4.4 ทำการประเมินระดับของภาวะฉุกเฉิน , ความร้ายแรง เพื่อทำการประสานงาน และขอความช่วยเหลือจาก หน่วยราชการที่เกี่ยวข้อง
- 14.4.5 เมื่อได้รับคำสั่งจากกรรมการผู้จัดการแล้ว ให้ออกระงับเหตุทันทีโดยจะทำการเคลื่อนย้ายอุปกรณ์ , เจ้าหน้าที่ ทีมฉุกเฉิน และรถฉุกเฉินไปที่เกิดเหตุ
- 14.4.6 เมื่อสามารถระงับเหตุได้ ให้ทำการฟื้นฟูพื้นที่ และนำสิ่งปนเปื้อนมาเตรียมกำจัดเอง หรือส่งให้หน่วยงานอื่นที่ สามารถกำจัดได้
- 14.5 รายชื่อ ที่อยู่ หมายเลขโทรศัพท์ ของผู้รับผิดชอบ และประสานงานเมื่อเกิดเหตุฉุกเฉิน โดยเรียงรายชื่อ ตามความรับผิดชอบ โดยผู้มีหน้าที่รับผิดชอบโดยตรงอยู่ต้นต้น และให้ผู้มีอำนาจรับผิดชอบแทนอยู่ใน อันคับถัดไป ดังนี้

เบอร์โทรศัพท์ในกรณีฉุกเฉิน		
1. คุณจำรูญ	(หัวหน้างานคลังสินค้า)	085-8511681
2. คุณคำใหม่	(ผู้จัดการคลังสินค้าและขนส่ง)	087-4855005
3. คุณพำติมา	(หัวหน้างานธุรการขนส่ง)	099-2795604
4. คุณอมรรัตน์	(จป.วิชาชีพ)	083-7179525
บริษัท ซีนอน อินเตอร์ จำกัด		02-908-1970-3

เบอร์โทรศัพท์ในกรณีฉุกเฉิน	
1.เหตุส่วนเหตุร้าย	191
2.อุบัติเหตุสารเคมี กระทบควบคุมมลพิษ	1650
3.สายด่วนนิรภัย	1784



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หน้า 10





บริษัท ซีโนน อินเตอร์ จำกัด

คู่มือ แนวทางการปฏิบัติเมื่อเกิดเหตุฉุกเฉิน  
ในขณะขนของเสียอันตราย

15. ขั้นตอนการควบคุมกากอุตสาหกรรมรั่วไหล และเกิดเพลิงไหม้  
(กรณีที่สามารถระงับเหตุได้ด้วยตัวเอง)



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## ภาคผนวกที่ 20

แนวทางการป้องกันและระงับอัคคีภัย




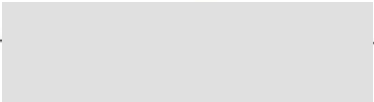

 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p><b>เอกสารควบคุม</b> วิธีการปฏิบัติงาน เรื่อง แนวทางการป้องกันและระงับอัคคีภัย</p>		
รหัสเอกสาร II-DCP-01	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 17 มิถุนายน 2565	หน้า 1 / 15

# เอกสารควบคุม

## วิธีการปฏิบัติงาน


### เรื่อง

## แนวทางการป้องกันและระงับอัคคีภัย

จัดทำโดย ชื่อ-สกุล (น.  ตำแหน่ง พนักงานบริหารคุณภาพความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม	วันที่แจกจ่าย <u>16 มิ.ย. 2565</u>
ตรวจสอบโดย ชื่อ-สกุล  ตำแหน่ง ผู้จัดการส่วนบริหารองค์กร	
อนุมัติโดย ชื่อ-สกุล (  ) ตำแหน่ง ผู้จัดการฝ่ายจัดการธุรกิจ	วันที่มีผลบังคับใช้ <u>17 มิ.ย. 2565</u>

จำนวนหน้าทั้งหมด 15 หน้า      ลำเนาหมายเลข \_\_\_\_\_



 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p><b>เอกสารควบคุม</b> <b>วิธีการปฏิบัติงาน</b> <b>เรื่อง แนวทางการป้องกันและระงับอัคคีภัย</b></p>		
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ตารางการแจกจ่ายเอกสารควบคุม			
ประเภท	สำเนาหมายเลข	ชื่อ/ตำแหน่ง/แหล่งข้อมูล	หมายเลขเครื่อง/สถานที่
เอกสารต้นฉบับ	-	เจ้าหน้าที่ควบคุมระบบเอกสารและข้อมูล	สำนักงาน DCAP
Hard Copy	สำเนาหมายเลข 1	คกบผ.	สำนักงาน คกบผ.
Electronic Copy	Copy Files 1	พนักงานบริหารทั่วไป/IT	Server DCAP (ISO) /Central Control Room
Electronic Copy	Copy Files 2	เจ้าหน้าที่ควบคุมระบบเอกสารและข้อมูล (คกบผ.)	สำนักงาน คกบผ.




 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> <b>วิธีการปฏิบัติงาน</b> <b>เรื่อง แนวทางการป้องกันและระงับอัคคีภัย</b></p>		
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### 1. วัตถุประสงค์

- 1.1 เพื่อเป็นแนวทางในการป้องกันและโต้ตอบในกรณีเกิดอัคคีภัย
- 1.2 เพื่อเป็นการป้องกันการสูญเสียชีวิต และทรัพย์สินจากอัคคีภัย
- 1.3 เพื่อสร้างความมั่นใจในเรื่องความปลอดภัยต่อพนักงานกรณีเกิดอัคคีภัย
- 1.4 เพื่อลดอัตราการเสี่ยงต่อการเกิดอัคคีภัย

### 2. ขอบเขต

แนวทางการป้องกันและระงับอัคคีภัยนี้ ครอบคลุมพื้นที่กระบวนการผลิตและจำหน่ายไฟฟ้า ไอน้ำและน้ำเย็น ของ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

### 3. คำจำกัดความ

**DCAP** หมายถึง บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด หรือ District Cooling System and Power Plant Co., Ltd.

**คกบผ.** หมายถึง โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย


**ทอท.** หมายถึง บริษัท ท่าอากาศยานไทย จำกัด (มหาชน)

**เพลิงไหม้ระดับที่ 1** หมายถึง เหตุเพลิงไหม้ที่ควบคุมได้ โดยผู้ปฏิบัติงานในที่เกิดเหตุ เช่น ควบคุมได้ ภายในฝ่ายที่เกิดเหตุเพลิงไหม้

**เพลิงไหม้ระดับที่ 2** หมายถึง เหตุเพลิงไหม้ที่ควบคุมได้ โดยใช้ทรัพยากรที่มีอยู่ทั้งหมดเข้าควบคุม สถานการณ์ โดยจัดองค์กรเข้าระงับเหตุ

**เพลิงไหม้ระดับที่ 3** หมายถึง เหตุเพลิงไหม้ที่ไม่สามารถควบคุมได้ โดยใช้ทรัพยากรที่มีอยู่ จึงได้มีการ ติดต่อหน่วยงานภายนอกองค์กรเข้าช่วยเหลือและต้องอพยพพนักงาน



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#### 4. แนวทางการป้องกันและระงับอัคคีภัย

##### 4.1 การเตรียมพร้อมในสถานการณ์ปกติ

- 4.1.1 DCAP และ คกบผ. กำหนดโครงสร้างและหน้าที่ความรับผิดชอบของคณะป้องกันและระงับอัคคีภัย โดยให้ผู้บริหารสูงสุดหรือผู้มีอำนาจ พิจารณานุมัติ
- 4.1.2 DCAP และ คกบผ. ต้องจัดให้มีการฝึกอบรมบุคลากร ในหลักสูตรที่เกี่ยวข้องกับการป้องกันและระงับอัคคีภัย ตามที่กฎหมายกำหนด รวมทั้งหลักสูตรอื่นๆ ที่เกี่ยวข้องตามความจำเป็นในการฝึกอบรม เพื่อเตรียมการรับสภาวะฉุกเฉิน
- 4.1.3 DCAP และ คกบผ. ต้องจัดทำแผนการฝึกซ้อมดับเพลิงและอพยพหนีไฟ และจัดให้มีการฝึกซ้อมดับเพลิงและอพยพหนีไฟอย่างน้อยปีละ 1 ครั้ง พร้อมจัดทำรายงานผลการฝึกซ้อมฯ ส่งหน่วยงานราชการที่เกี่ยวข้องตามที่กฎหมายกำหนดและเก็บสำเนาไว้ที่บริษัทฯ เพื่อใช้เป็นข้อมูลในการประเมิน การทบทวน และการปรับปรุง
- 4.1.4 DCAP และ คกบผ. ต้องจัดให้มีการรณรงค์และประชาสัมพันธ์ เกี่ยวกับการป้องกันและระงับอัคคีภัยในสถานประกอบการ เพื่อให้พนักงานทุกคนตระหนักถึงภัยที่อาจเกิดขึ้นจากอัคคีภัย
- 4.1.5 DCAP และ คกบผ. ต้องจัดให้มีการตรวจตราและตรวจสอบ อุปกรณ์ อาคาร พื้นที่ วัสดุ และจัดทำบัญชีรายการอุปกรณ์ระบบป้องกันและระงับอัคคีภัยและอื่นๆ พร้อมวิเคราะห์ สรุปและรายงานผลการตรวจตราและตรวจสอบให้ผู้บริหารทราบ

##### 4.2 การดำเนินงานขณะเกิดเหตุเพลิงไหม้


###### 4.2.1 เพลิงไหม้ระดับที่ 1

- 1) พนักงานที่พบเหตุเพลิงไหม้ เมื่อพบเห็นเหตุเพลิงไหม้ให้แจ้งหัวหน้างานทราบ เบื้องต้น หรือแจ้งเพื่อนร่วมงานที่อยู่บริเวณใกล้เคียงเพื่อขอความช่วยเหลือ
- 2) พนักงานที่พบเหตุเพลิงไหม้ ประเมินสถานการณ์ว่าจะเข้าดับเพลิงได้หรือไม่

###### 2.1) กรณีดับได้

- พนักงานที่พบเหตุ /พนักงานที่อยู่ใกล้เคียง เข้าดำเนินการดับเพลิง โดยใช้ถังดับเพลิงที่มีอยู่ในพื้นที่ใกล้เคียงและต้องเหมาะสมกับประเภทของเชื้อเพลิง



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- เมื่อเพลิงสงบ รายงานหัวหน้างานทราบ
- หัวหน้างานรายงานผู้บังคับบัญชาตามลำดับ

## 2.2) กรณีดับไม่ได้

- แจ้งหัวหน้างานเพื่อขอความช่วยเหลือ
- กดสัญญาณแจ้งเหตุฉุกเฉินที่อยู่ใกล้ที่สุด

### 4.2.2 เพลิงไหม้ระดับที่ 2

- 1) หัวหน้างานเมื่อได้รับแจ้งเหตุ ให้ดำเนินการประกาศแจ้งเหตุเพื่อให้พนักงานและผู้เกี่ยวข้องทราบและสั่งการทีมฉุกเฉินเข้าระงับเหตุพร้อมรายงานผู้บังคับบัญชาตามลำดับ
- 2) พนักงานทุกคน เมื่อได้ยินสัญญาณแจ้งเหตุฉุกเฉินและประกาศแจ้งเหตุให้เตรียมความพร้อมสำหรับการอพยพหนีไฟ
- 3) ผู้อำนวยการดับเพลิง สั่งการให้ผู้ประสานงานการดับเพลิงเตรียมอพยพพนักงานเตรียมตั้งศูนย์อำนวยการดับเพลิง พร้อมประสานงานแจ้งหน่วยงานภายนอกเพื่อเตรียมพร้อม เช่น ฝ่ายดับเพลิงและกู้ภัย ทอท. โรงพยาบาลใกล้เคียงและปิดประตูทางเข้าออกห้ามผู้ไม่มีส่วนเกี่ยวข้องเข้ามาในพื้นที่
- 4) ทีมสนับสนุนต่างๆ เตรียมพร้อมให้การสนับสนุน
- 5) ผู้บัญชาการดับเพลิง ควบคุมและติดตามสถานการณ์และรายงานให้ผู้อำนวยการดับเพลิงทราบอย่างต่อเนื่อง
- 6) ผู้ควบคุมการดับเพลิงและทีมฉุกเฉิน เข้าควบคุมเหตุการณ์เพลิงไหม้พร้อมรายงานสถานการณ์ ให้ผู้บัญชาการดับเพลิงและผู้อำนวยการดับเพลิงทราบเป็นระยะอย่างต่อเนื่อง

### กรณีดับได้

- รายงานผลการดับเพลิงให้ผู้บัญชาการดับเพลิงและผู้อำนวยการดับเพลิงทราบ
- สั่งควบคุมสถานที่เกิดเหตุ พร้อมกันแนวพื้นที่เกิดเหตุและห้ามผู้ไม่เกี่ยวข้องเข้าไปยังบริเวณพื้นที่เกิดเหตุ
- ปฏิบัติตามแผนการดำเนินงานหลังเกิดเหตุเพลิงไหม้



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#### กรณีดับไม่ได้

- ผู้ควบคุมการดับเพลิง รายงานผลการดับเพลิงให้ ผู้อำนวยการดับเพลิง /ผู้บัญชาการดับเพลิงทราบทันที ในกรณีที่เพลิงไหม้มีแนวโน้มรุนแรงขึ้น จนทีมฉุกเฉินไม่สามารถควบคุมสถานการณ์ได้
- ผู้อำนวยการดับเพลิง สั่งการใช้แผนเพลิงไหม้ระดับที่ 3

#### 4.2.3 เพลิงไหม้ระดับที่ 3 (สุญญากาศ)

- 1) ผู้อำนวยการดับเพลิง ผู้บัญชาการดับเพลิงเมื่อได้รับรายงานจากผู้ควบคุมการดับเพลิงว่าไม่สามารถดับเพลิงได้ต้องเร่งพิจารณาสั่งการ ดังนี้
  - ประกาศสภาวะฉุกเฉิน
  - อพยพพนักงาน
  - ขอความช่วยเหลือจากหน่วยงานภายนอก
  - หยุดกระบวนการผลิต
  - ตั้งศูนย์อำนวยความสะดวก
- 2) พนักงานทุกคน เมื่อได้ยินประกาศแจ้งให้อพยพและสัญญาณแจ้งให้อพยพให้อพยพตามแผนการอพยพหนีไฟ ไปยังจุดรวมพล
- 3) ผู้ประสานงานการดับเพลิง แจ้งเจ้าหน้าที่ รปภ. ทราบและจัดเตรียมความพร้อมของเส้นทางรองรับการเข้ามาของหน่วยงานดับเพลิงภายนอก
- 4) ผู้อำนวยการดับเพลิง ผู้ประสานงานการดับเพลิงและผู้บัญชาการดับเพลิง ร่วมกันปรึกษาหารือ และประเมินสถานการณ์ยังศูนย์อำนวยความสะดวก
- 5) เมื่อทีมดับเพลิงภายนอกมาถึง ให้ผู้บัญชาการดับเพลิงหรือผู้ประสานงานการดับเพลิงชี้แจงสถานะการณ์ จุดเกิดเหตุ พร้อมกับแจ้งผู้ควบคุมการดับเพลิงทราบ
- 6) ผู้ควบคุมการดับเพลิง ควบคุมและประสานงานการดับเพลิงกับหน่วยงานดับเพลิงภายนอก
- 7) หัวหน้าทีมขนย้าย เตรียมพร้อมในการประสานงานกับเจ้าหน้าที่ดับเพลิงภายนอกในการดับเพลิงและเคลื่อนย้ายตามที่ร้องขอ
- 8) ผู้ควบคุมการดับเพลิง รายงานผลการดับเพลิงให้ผู้อำนวยการดับเพลิง /ผู้บัญชาการดับเพลิง ทราบเป็นระยะๆ อย่างต่อเนื่อง





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## เอกสารควบคุม วิธีการปฏิบัติงาน

### เรื่อง แนวทางการป้องกันและระงับอัคคีภัย

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- 9) เมื่อเพลิงสงบ ผู้อำนวยการดับเพลิงประกาศยกเลิกภาวะฉุกเฉินและรายงานต่อผู้บริหารระดับสูง (คณะกรรมการบริษัท และ/หรือผู้ถือหุ้น) และหน่วยงานที่เกี่ยวข้อง
- 10) ใช้แผนการดำเนินงานหลังเกิดเหตุเพลิงไหม้

#### 4.2.4 แผนการอพยพหนีไฟ

- 1) ในภาวะฉุกเฉินที่มีความรุนแรง และอาจเป็นอันตรายต่อชีวิตของพนักงาน ผู้อำนวยการดับเพลิง/ผู้บัญชาการดับเพลิง สั่งการให้อพยพพนักงาน
- 2) เจ้าหน้าที่ควบคุมสัญญาณแจ้งเหตุฉุกเฉิน ประกาศแจ้งพนักงานให้อพยพ และเปิดสัญญาณแจ้งอพยพ (สัญญาณดังครั้งแรกจะหมายถึงการแจ้งเตือนเหตุฉุกเฉิน สัญญาณดังครั้งที่สองคือสัญญาณแจ้งให้อพยพ)
- 3) ผู้นำทางหนีไฟ เป็นตัวแทนแต่ละพื้นที่ ให้รวมกลุ่มพนักงาน และผู้รับเหมาในพื้นที่ตนเอง อพยพออกจากอาคารตามทางหนีไฟ เพื่อรวมตัวกันที่จุดรวมพลโดยหลีกเลี่ยงเส้นทางที่อาจเกิดอันตรายจากไฟไหม้
- 4) ผู้ควบคุมจุดรวมพล หรือผู้นำทางหนีไฟ ตรวจสอบรายชื่อพนักงานและผู้รับเหมาตามกลุ่มเมื่ออพยพมารวมตัวกันที่จุดรวมพลเรียบร้อยแล้ว กรณีมีผู้ป่วยหรือผู้บาดเจ็บ ให้รีบแจ้งหัวหน้างานหรือผู้ประสานงานดับเพลิงเพื่อขอทีมปฐมพยาบาลและนำผู้ได้รับบาดเจ็บส่งโรงพยาบาลใกล้เคียง
- 5) ผู้ควบคุมจุดรวมพล รายงานยอดอพยพต่อผู้อำนวยการดับเพลิง/ผู้บัญชาการดับเพลิง
  - กรณีไม่มีผู้สูญหาย ผู้อำนวยการดับเพลิง/ผู้บัญชาการดับเพลิง แจ้งให้พนักงานประจำ ณ จุดรวมพลจนกว่าเหตุการณ์สงบ
  - กรณีมีผู้สูญหาย ผู้อำนวยการดับเพลิง/ผู้บัญชาการดับเพลิง สั่งการทีมค้นหา/ช่วยชีวิตและทีมปฐมพยาบาล ดำเนินการค้นหาผู้สูญหาย
- 6) ทีมค้นหาและช่วยชีวิต เมื่อต้องเข้าพื้นที่เพื่อค้นหาผู้สูญหายในบริเวณที่เกิดเหตุ ต้องสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล และเมื่อค้นหาในแต่ละพื้นที่แล้วต้องทำเครื่องหมายหรือสัญลักษณ์ให้เห็นชัดเจน





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## เอกสารควบคุม วิธีการปฏิบัติงาน

เรื่อง แนวทางการป้องกันและระงับอัคคีภัย

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- กรณีพบผู้สูญหาย/ผู้บาดเจ็บ ให้เคลื่อนย้ายผู้บาดเจ็บออกมานอกสถานที่เกิดเหตุ ณ จุดที่ปลอดภัย เพื่อให้ทีมพยาบาลสามารถเข้าปฐมพยาบาลเบื้องต้น และนำผู้บาดเจ็บส่งโรงพยาบาลใกล้เคียงต่อไป
- กรณีไม่พบผู้สูญหาย/ผู้บาดเจ็บ ให้รายงานผู้อำนวยการดับเพลิง เพื่อดำเนินการค้นหาหรือประสานขอความช่วยเหลือทีมกู้ภัยจากภายนอกต่อไป

7) เมื่อเหตุการณ์สงบ ผู้อำนวยการดับเพลิงสั่งการประกาศยกเลิกภาวะฉุกเฉิน

8) ให้แผนการดำเนินงานหลังเกิดเหตุเพลิงไหม้

### 4.3 แผนการดำเนินงานหลังเกิดเหตุเพลิงไหม้

#### 4.3.1 การประชาสัมพันธ์และการให้ข่าว

- 1) ผู้จัดการใหญ่หรือผู้ได้รับมอบหมายเท่านั้น ที่มีอำนาจในการให้ข่าวหรือข้อมูลกับสื่อมวลชนและบุคคลภายนอก รวมทั้งรายงานเหตุการณ์การต่อผู้บริหารระดับสูงและหน่วยงานที่เกี่ยวข้อง
- 2) พนักงานอื่นๆ สามารถให้ข้อมูลกับบุคคลภายนอกได้ ภายหลังจากที่บริษัทฯ ได้ทำสรุปเหตุการณ์ฉุกเฉินแล้ว เพื่อเป็นแนวทางในการตอบข้อซักถามจากหน่วยงานภายนอก


#### 4.3.2 การเริ่มการผลิตหลังภาวะฉุกเฉิน

- 1) การเริ่มต้นเดินเครื่องหลังภาวะฉุกเฉิน ขึ้นอยู่กับความเสียหายของบริษัทฯ การทำความสะอาด การซ่อมแซม หรือเปลี่ยนเครื่องจักรอุปกรณ์ หรือความต้องการที่จะพิสูจน์หลักฐาน
- 2) การตัดสินใจเดินเครื่องเป็นอำนาจของผู้จัดการใหญ่ และ/หรือ ผู้จัดการฝ่ายที่เกี่ยวข้อง และ/หรือ คกก.ผ.

#### 4.3.3 การตรวจสอบความเสียหายและการสอบสวน

- 1) การตรวจสอบความเสียหายที่เกิดจากอัคคีภัยและการประเมินผลกระทบต่อธุรกิจ โดยผู้จัดการฝ่ายจัดวางแผนและควบคุมการผลิต และ/หรือ ผู้จัดการฝ่ายจัดการธุรกิจ และ/หรือ ทีมตรวจสอบความเสียหาย และทีมประเมินผลกระทบต่อธุรกิจ ของ คกก.ผ. ร่วมกันตรวจสอบความเสียหายและประเมินค่า



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ความเสียหายที่เกิดขึ้น พร้อมทั้งประเมินผลกระทบต่อความเสียหายที่เกิดขึ้นทั้งหมด

- 2) การสอบสวนเพื่อหาสาเหตุของเหตุการณ์ที่เกิดขึ้นอาจประกอบด้วยหลายหน่วยงานทั้งจากหน่วยงานภายในและหน่วยงานภายนอก
  - หน่วยงานภายใน ได้แก่ ฝ่ายวางแผนและควบคุมการผลิต ฝ่ายจัดการธุรกิจ คกกผ. เป็นต้น
  - หน่วยงานภายนอก ได้แก่ เจ้าหน้าที่ตำรวจ เจ้าหน้าที่ ทอท. และหน่วยงานราชการที่เกี่ยวข้อง เป็นต้น

#### 4.3.4 การติดตามและช่วยเหลือผู้ประสบเหตุ

การติดตามและช่วยเหลือผู้ประสบอันตรายจากอัคคีภัย โดยผู้จัดการฝ่ายจัดการธุรกิจ หรือผู้ได้รับมอบหมาย

#### 4.3.5 การตรวจสอบสภาพทางสิ่งแวดล้อม

การตรวจสอบสภาพทางสิ่งแวดล้อมและบำบัดมลพิษที่ตกค้าง โดยผู้จัดการฝ่ายวางแผนและควบคุมการผลิต หรือผู้ได้รับมอบหมาย ร่วมกับ คกกผ.

### 5. หน้าที่และความรับผิดชอบคณะทำงานป้องกันและระงับอัคคีภัย


#### 5.1 ผู้อำนวยการดับเพลิง

- สั่งการ
- รายงานผลต่อผู้บริหารระดับสูงกว่า
- สั่งการขอความช่วยเหลือจากภายนอก
- สั่งการอพยพพนักงาน
- ให้ข้อมูล/ให้ข่าว
- สั่งการประกาศภาวะฉุกเฉิน

#### 5.2 ผู้บัญชาการดับเพลิง

- สั่งการควบคุมการระงับเหตุของที่มีฉุกเฉิน
- ควบคุมการสอบสวนการเกิดเหตุ
- จัดทำรายงานการสอบสวนเสนอผู้อำนวยการดับเพลิง



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- ควบคุมการฟื้นฟูสภาพสถานประกอบการ
- รายงานการดำเนินการต่อผู้อำนวยการดับเพลิงขณะเกิดเหตุเป็นระยะๆ

### 5.3 ผู้ประสานงานการดับเพลิง

- ประเมินสถานการณ์ร่วมกับผู้อำนวยการดับเพลิง และผู้บัญชาการดับเพลิง
- ประสานงานกับหน่วยงานภายนอก
- ประสานงาน ส่งต่อคำสั่งจากผู้อำนวยการดับเพลิงไปยังทีมต่าง ๆ
- รับข้อมูลเพื่อรายงานต่อผู้อำนวยการดับเพลิง
- ช่วยเหลือผู้บัญชาการดับเพลิงจนกว่าเหตุการณ์สงบ

### 5.4 ผู้ควบคุมการดับเพลิง

- ควบคุมการดับเพลิงตลอดเวลาจนเพลิงสงบ
- รายงานความก้าวหน้าให้ผู้บัญชาการดับเพลิงทราบอย่างต่อเนื่อง
- สั่งการมอบหมายภารกิจในการดับเพลิงหน้างานทั้งหมดรวมทั้งคอยประสานการดับเพลิงกับทีมดับเพลิงจากภายนอกที่เข้ามาช่วยเหลือ

### 5.5 ทีมดับเพลิง

- ดับเพลิงตามภารกิจที่ได้รับมอบหมาย
- ปฏิบัติตามผู้ควบคุมการดับเพลิงสั่งการ

### 5.6 ทีมค้นหาและช่วยชีวิต

- เคลื่อนย้ายผู้ประสบภัยจากอุบัติเหตุ
- ค้นหาผู้ประสบภัย
- รับคำสั่งจากผู้บัญชาการดับเพลิง

### 5.7 ทีมควบคุมกระแสไฟฟ้า/ควบคุมเครื่องจักร

- ควบคุมระบบดับเพลิงต่างๆ ให้ทำงานได้ขณะเกิดเหตุตามสภาพการณ์
- ตัดกระแสไฟฟ้าตามที่ผู้บัญชาการดับเพลิงสั่งการ
- หยุดเดินเครื่องจักรเมื่อได้รับคำสั่งจากผู้บัญชาการดับเพลิง

### 5.8 ทีมประชาสัมพันธ์/ สื่อสาร

- ติดต่อประสานงานหน่วยสนับสนุนต่างๆ ภายใน
- แจ้งข่าวภายในเป็นระยะ





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## เอกสารควบคุม

### วิธีการปฏิบัติงาน

### เรื่อง แนวทางการป้องกันและระงับอัคคีภัย

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- ติดต่อขอความช่วยเหลือจากภายนอกตามที่ผู้อำนวยการดับเพลิง/ผู้ประสานงานการดับเพลิงแจ้ง
- ถ่ายภาพ/วิดีโอ
- เป็นศูนย์กลางในการรับเรื่องราว

#### 5.9 ทีมปฐมพยาบาลเบื้องต้น

- จัดเตรียมเครื่องมือ/อุปกรณ์การปฐมพยาบาลเบื้องต้น
- ปฐมพยาบาลเบื้องต้นรักษาให้กับผู้ประสบภัย
- ติดตาม ประสานงานนำผู้ประสบภัยส่งโรงพยาบาลใกล้เคียง

#### 5.10 ทีมควบคุมยานพาหนะ/ขนย้ายอุปกรณ์/บริการ

- ขนย้ายอุปกรณ์สำคัญๆ ตามแผนที่กำหนดหรือตามคำสั่ง
- จัดเตรียมเครื่องมือ/อุปกรณ์ที่จะใช้การขนย้ายอุปกรณ์
- สนับสนุนยานพาหนะหรือขนย้ายยานพาหนะในกรณีจำเป็น

#### 5.11 ทีมรักษาความปลอดภัย (รปภ.)

- ปิดประตูห้ามรถหรือบุคคลที่ไม่เกี่ยวข้องเข้ามาในพื้นที่ในขณะเกิดเหตุ เว้นแต่ได้รับคำสั่งจากผู้อำนวยการดับเพลิง ผู้ประสานงานการดับเพลิง ผู้บัญชาการดับเพลิง
- ควบคุมการจราจร
- ประสานงานกับเจ้าหน้าที่ตำรวจในเรื่องการจราจรและรักษาความปลอดภัย

#### 5.12 ทีมอพยพ

##### หน้าที่ผู้ควบคุมจุดรวมพล

- ควบคุมผู้อพยพให้อยู่ในความสงบ
- ตรวจนับจำนวนคน
- รายงานผลการตรวจนับกับผู้บัญชาการดับเพลิงอย่างรวดเร็ว

##### หน้าที่ผู้นำทางหนีไฟ

- นำพาคนหนีไฟไปตามเส้นทางหนีไฟที่ปลอดภัยไปจุดรวมพล

#### 5.13 ผู้อพยพ (ผู้ปฏิบัติงานและผู้เยี่ยมชมและผู้รับเหมา)

- เตรียมความพร้อมอพยพและอพยพเมื่อได้ยินสัญญาณแจ้งให้อพยพ
- หนีตามเส้นทางหนีไฟ หรือตามผู้นำทางหนีไฟ
- ปฏิบัติตามผู้ควบคุมจุดรวมพลสั่ง และอยู่ในความสงบ





บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

District Cooling System and Power Plant Co., Ltd.

เอกสารควบคุม

วิธีการปฏิบัติงาน

เรื่อง แนวทางการป้องกันและระงับอัคคีภัย

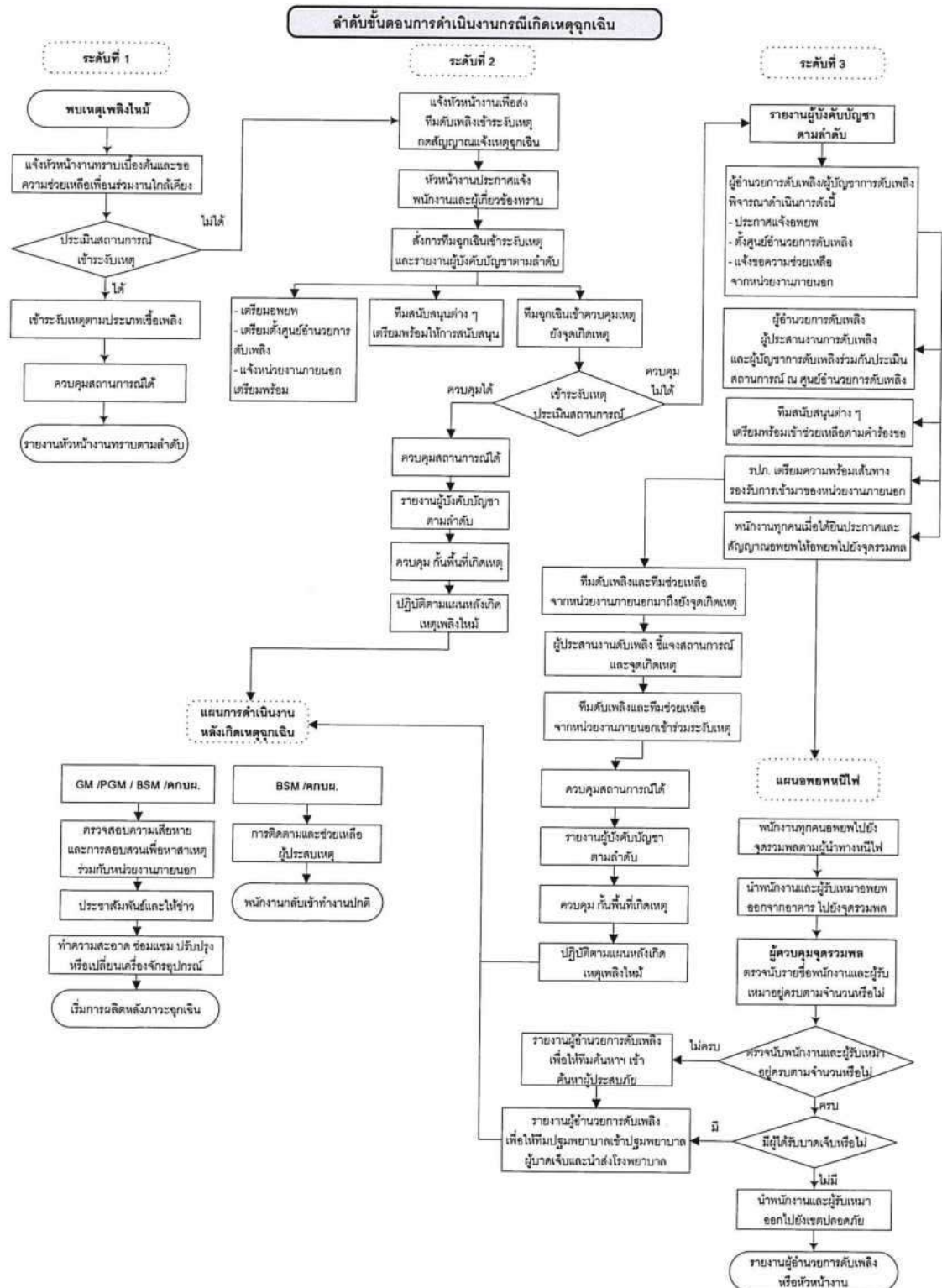
รหัสเอกสาร II-DCP-01

แก้ไขครั้งที่ 1


วันที่บังคับใช้ 17 มิถุนายน 2565

หน้า 13 / 15

## 6. แผนผังขั้นตอนการดำเนินงาน





 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;"><b>วิธีการปฏิบัติงาน</b> <b>เรื่อง แนวทางการป้องกันและระงับอัคคีภัย</b></p>		
<p style="text-align: center;"><b>รหัสเอกสาร II-DCP-01</b></p>	<p style="text-align: center;">แก้ไขครั้งที่ 1</p>	<p style="text-align: center;">วันที่บังคับใช้ 17 มิถุนายน 2565</p>	<p style="text-align: center;">หน้า 14 / 15</p>

## 7. เอกสารสนับสนุน

- 7.1 คำสั่ง DCAP เรื่อง แต่งตั้งผู้ปฏิบัติงานทำหน้าที่ตามโครงสร้างแผนการป้องกันและระงับอัคคีภัย
- 7.2 ประกาศ DCAP เรื่อง แผนผังเส้นทางอพยพหนีไฟและจุดรวมพล

## 8. เอกสารบันทึกคุณภาพ

ลำดับ	ชื่อเอกสาร	รหัส	วิธีการจัดเก็บ	ระยะเวลา	สถานที่จัดเก็บ	ผู้รับผิดชอบ
1	แผนการฝึกซ้อมดับเพลิงและอพยพหนีไฟ	-	เรียงตามปี	3 ปี	สำนักงาน DCAP	จป./ QSHE
2	รายงานผลการฝึกซ้อมดับเพลิงและอพยพหนีไฟ	-	เรียงตามปี	3 ปี	สำนักงาน DCAP	จป./ QSHE
3	บันทึกการฝึกอบรมเกี่ยวกับการฝึกซ้อมดับเพลิงและอพยพหนีไฟ	-	เรียงตามปี	3 ปี	สำนักงาน DCAP	จป./ QSHE
4	บันทึกผลการตรวจตราตรวจสอบอุปกรณ์ดับเพลิง	-	เรียงตามปี	3 ปี	สำนักงาน DCAP	จป./ QSHE





District Cooling System and Power Plant Co., Ltd.

## วิธีการปฏิบัติงาน

## เรื่อง แนวทางการป้องกันและระงับอัคคีภัย

## แก้ไขครั้งที่ 1

วันที่บังคับใช้ 17 มิถุนายน 2565

หน้า 15 / 15

## ตารางการแก้ไขเอกสารควบคุม

[illegible]





## ภาคผนวกที่ 21

เอกสารข้อมูลความปลอดภัยของสารเคมี (MSDS)



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอโทรนอย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat C102

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	EGATreat C102 (Scale & Corrosion Inhibitor)
การใช้ประโยชน์ :	สารควบคุมการเกิดตะกรันและการกัดกร่อน
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอ โทรนอย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

องค์ประกอบของฉลาก :

รูปสัญลักษณ์อันตราย :



คำสัญญาณ :

กัดกร่อน

ข้อความแสดงความเป็นอันตราย :

กัดกร่อน

### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
2-Phosphonobutane – 1,2,4 – tricarboxylic acid	37971 - 36 - 1	≥ 13%
Acrylic acid/2 – acrylamido-2-methylpropylsulfonic acid co-polymer	40623 – 75 - 4	≥ 27%
น้ำ	7732 - 18 - 5	60%

### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	ย้ายผู้ได้รับสารเคมีไปบริเวณที่อากาศถ่ายเทสะดวก
เมื่อสัมผัสผิวหนัง :	ล้างผิวหนังบริเวณที่สัมผัสสารเคมีทันทีด้วยน้ำสะอาดและสบู่ พบแพทย์ในกรณีที่เกิดการระคายเคืองผิวหนังบริเวณที่สัมผัสสารเคมี
เมื่อสัมผัสดวงตา :	ล้างตาด้วยน้ำสะอาดทันทีนานอย่างน้อย 15 นาที พบจักษุแพทย์
เมื่อกลืนกิน :	ให้ดื่มน้ำตามประมาณ 2 แก้ว รีบนำส่งแพทย์



## หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	ละอองน้ำ โฟม คาร์บอนไดออกไซด์ และผลเคมีแห้ง
อันตรายเฉพาะอย่างที่เกิดจากสารหรือส่วนผสม :	ไม่มีข้อมูล
อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง :	สวมชุดดับเพลิงและอุปกรณ์ป้องกันทางเดินหายใจชนิดถังบรรจุอากาศแบบพกพา (Self-Contained Breathing Apparatus, SCBA)
ปริมาณเปอร์เซ็นต์ของแก๊สหรือไอระเหยที่ผสมกับอากาศ จนเกิดเป็นส่วนผสมที่เหมาะสมที่จะทำให้เกิดการระเบิดได้ (ขั้นต่ำ-มากที่สุด) :	ไม่มีข้อมูล
ผลิตภัณฑ์สลายตัวที่เป็นอันตราย :	ไม่มีข้อมูล
NFPA:	HMIS rating:



ความไวไฟ	1
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิเศษ	corrosive

## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	สวมอุปกรณ์ป้องกันภัยส่วนบุคคลที่เหมาะสม (ดูข้อมูลเพิ่มเติมหัวข้อที่ 8 การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล)
ขั้นตอนการปฏิบัติในกรณีฉุกเฉิน :	ป้องกันไม่ให้เกิดการรั่วไหลเพิ่มเติม ถ้าสามารถทำได้อย่างปลอดภัย อพยพคนออกจากพื้นที่สารหกตร
ข้อควรระวังด้านสิ่งแวดล้อม :	ห้ามให้ปนเปื้อนลงสู่แหล่งน้ำผิวดิน ใต้ดิน และ ดิน
วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :	เก็บกวาดสารเคมีที่หกรั่วไหลใส่บรรจุภาชนะบรรจุที่เหมาะสม หรืออาจใช้การดูดซับด้วยวัสดุดูดซับรวบรวมใส่ภาชนะเพื่อนำไปใช้หรือกำจัดต่อไป
ข้อมูลเพิ่มเติม (อ้างอิงจากข้อมูลความปลอดภัยหัวข้ออื่น) :	หัวข้อที่ 7 ข้อมูลการขนถ่าย เคลื่อนย้าย ใช้งาน อย่างปลอดภัย หัวข้อที่ 8 ข้อมูลอุปกรณ์ป้องกันอันตรายส่วนบุคคล หัวข้อที่ 13 ข้อมูลการจัดการ

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้งานอย่างปลอดภัย :	หลีกเลี่ยงการสูดดมละอองสารเคมี ให้ทำงานในบริเวณที่มีการระบายอากาศเพียงพอ หลังการ ทำงานกับสารเคมีควรล้างมือให้สะอาด
สถานะการเก็บรักษาอย่างปลอดภัย :	เก็บไว้ในบริเวณที่เย็น ห่างจากสารที่เข้ากันไม่ได้ เก็บในภาชนะที่ปิดสนิทเมื่อไม่ได้ใช้งาน

## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

การควบคุมทางวิศวกรรมที่เหมาะสม :	มีการระบายอากาศที่เพียงพอ
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	สวมแว่นตานิรภัย หลีกเลี่ยงการสัมผัสสารเคมีทางผิวหนังและตา
การป้องกันตา/หน้า :	หลีกเลี่ยงการสูดดมไอสารเคมี ล้างทำความสะอาดมือเมื่อเสร็จสิ้นการทำงาน แยกเสื้อผ้าที่ใช้ในการทำงาน
การป้องกันผิวหนัง :	สวมชุดป้องกันสารเคมี
การป้องกันมือ :	ถุงมือป้องกันสารเคมีชนิดที่ทำจากยาง หรือ PVC
การป้องกันระบบหายใจ :	ในกรณีที่เกิดไอของสารเคมี ควรใช้เครื่องช่วยหายใจที่มีอุปกรณ์ช่วยกรองอากาศ
ข้อควรปฏิบัติ :	ควรล้างมือ หน้า หรือส่วนที่มีโอกาสสัมผัสสารเคมีหลังเสร็จงาน



#### หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	ของเหลวใสไม่มีสี-สีเหลืองอำพัน
ค่าความเป็นกรด-ด่าง (pH) :	1.0-3.0
ความถ่วงจำเพาะ :	1.10-1.15

#### หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี :	สารนี้สามารถคงตัวภายใต้สภาวะอุณหภูมิ และ ความดันปกติ
อันตรายจากปฏิกิริยาพอลิเมอร์ :	ไม่มีข้อมูล
วัสดุที่เข้ากันไม่ได้ :	ไม่มีข้อมูล

#### หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

ไม่มีข้อมูล

#### หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ไม่มีข้อมูล

#### หัวข้อที่ 13: มาตรการการกำจัด

มาตรการการกำจัด :	การกำจัดสารเคมีให้ดำเนินการวิธีการกำจัดของเสียที่เป็นสารกัดกร่อน ตามระเบียบ ข้อบังคับ หรือกฎหมายของแต่ละประเทศ
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#### หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

ประเภทสารอันตรายตามข้อกำหนดของ DOT :	ไม่ได้กำหนด
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#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

ไม่มีข้อมูล

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย
เริ่มใช้เมื่อ :	17 เมษายน 2562



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอไทรน้อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat C201

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :

EGATreat C201 (Isothiazolinone)

การใช้ประโยชน์ :

Microbiocide

ชื่อผู้ผลิต/ผู้จำหน่าย:

ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย)

ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย

อำเภอ ไทรน้อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710

หมายเลขโทรศัพท์ฉุกเฉิน :

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วน

หมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกความเป็นอันตรายแบบ GHS :

กัดกร่อนโลหะ ประเภท 1

เป็นพิษเฉียบพลัน(ทางปาก) ประเภท 4

เป็นพิษเฉียบพลัน (ทางผิวหนัง) ประเภท 3

กัดกร่อนผิวหนัง/ระคายเคืองผิวหนัง ประเภท 1A

ทำให้เกิดความเสียหายต่อดวงตาอย่างรุนแรง และระคายเคืองต่อดวงตา

ประเภท 1

เกิดการแพ้ต่อผิวหนัง ประเภท 1

ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ ประเภท 2

องค์ประกอบของฉลาก :

รูปสัญลักษณ์อันตราย :



คำสัญญาณ :

อันตราย

ข้อความแสดงความเป็นอันตราย :

อาจกัดกร่อนโลหะ

เป็นอันตรายถ้ากลืนกิน (ทางปาก)

เป็นพิษเมื่อสัมผัสกับผิวหนัง (ผิวหนัง)

เป็นพิษถ้าสูดดม (ไอระเหย)

ทำให้ผิวหนังไหม้อย่างรุนแรงและเกิดความเสียหายต่อดวงตา

ทำให้เกิดความเสียหายต่อดวงตาอย่างรุนแรง

อาจทำให้เกิดอาการแพ้ทางผิวหนัง

เป็นพิษต่อสิ่งมีชีวิตในน้ำที่มีผลกระทบในระยะยาว



## หัวข้อที่ 2 : การบ่งชี้ความเป็นอันตราย (ต่อ)

ข้อความแสดงข้อควรระวัง :

หลีกเลี่ยงการสัมผัสผิวหนังและดวงตา  
ในกรณีที่สัมผัสถูกดวงตาหรือผิวหนัง, ให้ล้างด้วยน้ำปริมาณมากๆ  
และให้ไปปรึกษาแพทย์  
เมื่อใช้ไม่ให้ดื่มหรือกลืนกินอาหาร  
จัดการและเปิดภาชนะด้วยความระมัดระวัง  
รีบถอดเสื้อผ้าที่ถูกสารปนเปื้อนออกทันที  
ให้ใช้เฉพาะในที่ที่ระบายอากาศได้ดี  
ห้ามหายใจเอาไอหรือควัน  
ใช้อุปกรณ์ป้องกันส่วนบุคคลตามความเหมาะสม  
สวมถุงมือป้องกัน  
สวมอุปกรณ์ป้องกันใบหน้า/ดวงตา  
ให้ปิดภาชนะให้แน่นและเก็บไว้ในที่ที่อากาศถ่ายเทสะดวก  
ใช้ภาชนะที่ต้านทานการกัดกร่อน  
ห้ามทิ้งในท่อระบายน้ำ

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท :

ไม่มี

## หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
5-Chloro-2-methyl-4-isothiazoln-3-one	26172-55-4	10.2-12.0
2-Methyl-4-isothiazolin-3-one	2682-20-4	3.0-4.5
4,5-Dichloro-2-methyl-4-isothiazolin-3-one	64359-81-5	≤ 0.1
Water	7732-18-5	≤ 86
Other		To 100

## หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :

รีบออกไปที่อากาศบริสุทธิ์ ถ้าไม่หายใจให้ใช้เครื่องช่วยหายใจ ถ้าหายใจลำบากให้ใช้ออกซิเจน รีบปฐมพยาบาล ห้ามช่วยหายใจแบบเป่าปาก  
ปฐมพยาบาลทันที ล้างด้วยน้ำไปปริมาณมากเป็นเวลาอย่างน้อย 15 นาที  
พร้อมถอดเสื้อผ้าและรองเท้าที่ปนเปื้อนสารออก ทำความสะอาดชุดก่อน  
นำกลับมาใช้

เมื่อสัมผัสดวงตา :

รีบล้างตาด้วยน้ำในปริมาณมากอย่างน้อย 15 นาที อาจต้องล้าง  
เปลือกตาทั้งบนล่างด้วย และให้ไปพบแพทย์ทันที

เมื่อกลืนกิน :

ถ้ากลืนกิน ให้ดื่มน้ำหรือนม 2 แก้ว รีบไปพบแพทย์ทันที อย่าให้อะไร  
ทางปากกับผู้หมดสติ

## หัวข้อที่ 5: มาตรการผจญเพลิง

จุดวาบไฟ :

ไม่มีข้อมูล

สารดับเพลิงที่เหมาะสม :

ละอองน้ำ โฟม คาร์บอนไดออกไซด์ และผลเคมีแห้ง

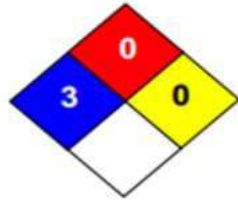
ข้อมูลที่ใช้ดับเพลิงพิเศษ :

ใช้น้ำฉีดฝอยให้เย็นที่ภาชนะบรรจุที่สัมผัสกับไฟ, ห้ามหายใจเอาควันเข้าไป  
ให้วิ่งหนีออกมา



## หัวข้อที่ 5: มาตรการผจญเพลิง (ต่อ)

NFPA:



HMIS rating:

ความไวไฟ	3
สุขภาพ	0
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิเศษ	

## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

อุณหภูมิที่จุดติดไฟได้เอง :

ไม่มีข้อมูล

ผลิตภัณฑ์สลายตัวที่เป็นอันตราย :

ไฮโดรเจนคลอไรด์, ไนโตรเจนออกไซด์ และ ซัลเฟอร์ออกไซด์  
ไฮโดรเจนไซยาไนด์ (กรดไฮโดรไซยานิก)

อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับ

สวมชุดดับเพลิงและอุปกรณ์ป้องกันทางเดินหายใจชนิดถังบรรจุอากาศ  
แบบพกพา (Self-Contained Breathing Apparatus, SCBA)

นักผจญเพลิง :

ปริมาณเปอร์เซ็นต์ของแก๊สหรือไอระเหยที่ผสมกับอากาศ จนเกิดเป็นส่วนผสมที่เหมาะสมที่จะทำให้เกิดการระเบิดได้

(ขั้นต่ำ-มากที่สุด) :

ไม่มีข้อมูล

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :

สวมอุปกรณ์ป้องกันภัยส่วนบุคคลที่เหมาะสม (ดูข้อมูลเพิ่มเติมหัวข้อที่ 8  
การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล)

ขั้นตอนการปฏิบัติในกรณีฉุกเฉิน :

ป้องกันไม่ให้เกิดการรั่วไหลเพิ่มเติม ถ้าสามารถทำได้อย่างปลอดภัย  
อพยพคนออกจากพื้นที่สารหก

ข้อควรระวังด้านสิ่งแวดล้อม :

เก็บและทำความสะอาดที่ไหลออกไปทางท่อระบายน้ำและแหล่งน้ำ  
ธรรมชาติ

วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :

ดูดซับสารที่หกด้วย spill pillows หรือ insert solids เช่น ดิน หรือ  
เวอร์มิคูไลท์ และถ่ายวัสดุที่ปนเปื้อนลงบรรจุภัณฑ์ที่เหมาะสมเพื่อไป  
กำจัดทิ้ง ยับยั้งฤทธิ์บริเวณที่สารหกด้วย สารละลายที่เตรียมขึ้นใหม่ของ  
5% sodium bicarbonate และ 5% sodium hydrochlorite ในน้ำ  
นำสารละลายมาใช้ในบริเวณที่หกรั่วไหลในอัตราส่วนของสารละลาย  
10 ต่อของสารที่หกรั่วไหล รอ 30 นาทีแล้วล้างด้วยน้ำปริมาณมากใน  
บริเวณที่สารหกรั่วไหล (หากเป็นไปตามขั้นตอน, ใบอนุญาต  
และกฎระเบียบ)

ข้อมูลเพิ่มเติม (อ้างอิงจากข้อมูลความปลอดภัย

หัวข้อที่ 7 ข้อมูลการขนถ่าย เคลื่อนย้าย ใช้งาน อย่างปลอดภัย

หัวข้ออื่น)

หัวข้อที่ 8 ข้อมูลอุปกรณ์ป้องกันอันตรายส่วนบุคคล

หัวข้อที่ 13 ข้อมูลการจัดการ

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้งานอย่าง  
ปลอดภัย :

ล้างให้สะอาด ถอดเสื้อผ้าที่ปนเปื้อนและซักให้สะอาดก่อน ใช้ในการ  
ระบายอากาศ

สภาวะการเก็บรักษาอย่างปลอดภัย :

ห้ามให้สัมผัสตา, ผิวหนัง, และเสื้อผ้า หลีกเลี่ยงการสูดดมและกลืนกิน  
อุณหภูมิที่แนะนำในการเก็บรักษาที่ 40 องศาเซลเซียส อุณหภูมิต่ำสุดที่  
แนะนำในการเก็บรักษาที่ -10 องศาเซลเซียส ที่เก็บรักษาต้องเป็นที่  
ที่อากาศถ่ายเทได้ดี เพื่อป้องกันการสะสมของความดันผลิตภัณฑ์ที่บรรจุ  
ในภาชนะที่มีการระบายพิเศษ เก็บผลิตภัณฑ์ไว้ในภาชนะบรรจุเดิมเมื่อ  
ไม่ได้ใช้งาน ภาชนะจะต้องจัดเก็บและขนส่งในตำแหน่งที่ตั้งตรงเพื่อ  
ป้องกันไม่ให้สารรั่วผ่านช่องระบายไม่เก็บวัสดุนี้ในภาชนะที่ทำจากเหล็ก  
อันตรายจากภาชนะบรรจุเปล่าเนื่องจากภาชนะบรรจุเปล่ามีเศษ

อื่นๆ :



## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา (ต่อ)

ผลิตภัณฑ์ (ไอและ/หรือ ของเหลว) ปฏิบัติตามเอกสารข้อมูลความปลอดภัยและฉลากเตือนหลังจากภาชนะบรรจุว่างเปล่า

## หัวข้อที่ 8: การควบคุมการสัมผัสและการป้องกันส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการสัมผัส :	ไม่มี
การควบคุมทางวิศวกรรมที่เหมาะสม :	ใช้ในการระบายอากาศเพียงพอให้ความเข้มข้นในอากาศต่ำ
ระบบระบายอากาศ :	ให้เป็นไปตามระบบทั่วไปหรือท้องถิ่นระบายอากาศที่เสียเพื่อรักษาความเข้มข้นในอากาศภายใต้ OSHA PELs การระบายอากาศเสียของท้องถิ่น
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	
การป้องกันตา/หน้า :	แว่นตาป้องกันสารเคมีและป้องกันใบหน้า ตามมาตรฐาน OSHA's ใน 29 CFR 1910.133 หรือ European Standard EN 166
การป้องกันผิวหนัง :	สวมชุดป้องกันสารเคมี
การป้องกันมือ :	สวมถุงมือ (PVC gloves, Nitrile gloves, Butyl gloves)
การป้องกันระบบหายใจ :	ปฏิบัติตามข้อกำหนดของ OSHA's ใน 29 CFR 1910.143 หรือ ANSI Z88.2 หรือ European Standard EN 149
ข้อควรปฏิบัติ :	เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี ล้างมือหลังการทำงานกับสาร ก่อนกินอาหาร หรือสูบบุหรี่ ห้ามกินอาหาร ดื่มหรือสูบบุหรี่ในบริเวณงาน

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	ของเหลวใส ไม่มีสี-มีสีเหลืองอ่อน
กลิ่น :	มีกลิ่นฉุน
ค่าขีดจำกัดของกลิ่นที่ได้รับ :	ไม่มีข้อมูล
ค่าความเป็นกรด-ด่าง (pH) (สารละลาย 1%) :	2-4
จุดหลอมเหลว / จุดเยือกแข็ง :	~-33°C
จุดเดือดเริ่มต้นและช่วงของการเดือด :	100°C
จุดวาบไฟ :	ไม่ใช่สารละลายไวไฟ
อัตราการระเหย :	< 1
ความสามารถในการลุกติดไฟได้ของของแข็งและก๊าซ :	ไม่สามารถใช้ได้
ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟหรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (%), v/v)	ไม่มีข้อมูล
ความดันไอ(mm Hg) :	0.0027(5-Chloro-2-methyl-4-isothiazoline-3-one), $4.4 \times 10^{-5}$ (2-Methyl-4-isothiazolin-3-one)
ความหนาแน่นไอ :	~ 0.62 g/l (Equivalent to water)
ความถ่วงจำเพาะที่ 20°C :	1.3
ความสามารถในการละลาย :	ละลายในน้ำ
ค่าสัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ	
$\log K_{aw}$ :	0.401
อุณหภูมิที่ลุกติดไฟได้เอง :	ไม่มีข้อมูล
อุณหภูมิของการสลายตัว :	ไม่มีข้อมูล
ความหนืด (Bulk viscosity) (cps) :	ไม่มีข้อมูล
ข้อมูลอื่น ๆ :	ข้อมูลทางกายภาพเป็นข้อมูลจากตัวอย่างทดสอบซึ่งอาจจะแตกต่างตามแต่ละตัวอย่างค่าที่ได้ดังกล่าวไม่ควรที่จะถูกวิเคราะห์ว่าเป็นผลวิเคราะห์รับรองค่าของตัวอย่างเฉพาะส่วนใดหรือเป็นข้อมูลจำเพาะของผลิตภัณฑ์



## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี :	เสถียรที่อุณหภูมิห้องในภาชนะที่ปิดภายใต้การเก็บรักษาและจัดการทั่วไป
สภาวะที่ควรหลีกเลี่ยง :	วัตถุติดไฟ, ความร้อนที่เกินขนาด
วัสดุที่เข้ากันไม่ได้ :	สารออกซิไดซ์, เบส, เอมีน และ เมอแคปแทน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	การสลายตัวด้วยความร้อน อาจทำให้เกิดไฮโดรเจนคลอไรด์, ซัลเฟอร์ไดออกไซด์และออกไซด์ของไนโตรเจน
อันตรายจากการเกิดปฏิกิริยาโพลิเมอร์ :	ไม่ได้รับรายงาน

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

วิธีทางและรูปแบบของการได้รับสารเข้าสู่ร่างกาย :	กักร่อนดวงตา
สัมผัสดวงตา :	ผลการระคายเคืองผิวหนังอาจล่าช้าเป็นเวลาหลายชั่วโมง วัตถุติดไฟ อาจก่อให้เกิดผลดังนี้ เผาไหม้-กักร่อนที่ผิวหนัง-ผื่นแพ้สัมผัส
สัมผัสผิวหนัง :	
เข้าสู่ร่างกาย :	วัตถุติดไฟเป็นอันตรายถ้ากลืนกิน
การสูดดม :	ทำให้เกิดการระคายเคืองของจมูก, ลำคอ และปอด อาการของการได้รับสารทำให้เกิดอาการ ผื่นไหม้และปวดอย่างรุนแรง
ความเป็นพิษเฉียบพลัน :	LD <sub>50</sub> (ปาก, หนู) : 457 mg/kg LD <sub>50</sub> (ผิวหนัง, กระต่าย) : 660 mg/kg LC <sub>50</sub> (การสูดดม, หนู) : 0.33 mg/l ai, 4 ชั่วโมง
การกักร่อนและการระคายเคืองต่อผิวหนัง :	กระต่าย, กักร่อน
การทำลายดวงตาอย่างรุนแรง/การระคายเคืองต่อดวงตา :	กระต่าย, กักร่อน
การก่อให้เกิดการกลายพันธุ์ของเซลล์สืบพันธุ์ :	ไม่มีข้อมูล
การก่อมะเร็ง :	ไม่มีข้อมูล
ความเป็นพิษต่อระบบสืบพันธุ์ :	ไม่มีข้อมูล
ความเป็นพิษต่อระบบอวัยวะเป้าหมายที่เฉพาะเจาะจง จากการรับสัมผัสครั้งเดียว :	ไม่มีข้อมูล
ความเป็นพิษต่อระบบอวัยวะเป้าหมายที่เฉพาะเจาะจง จากการรับสัมผัสซ้ำ :	ไม่มีข้อมูล
อันตรายจากการสลาย :	ไม่มีข้อมูล

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ :	ฉับพลัน ปลา 96 ชั่วโมง LC50, เรนโบว์เทราร์ท : 0.19 mg/l ฉับพลัน ปลา 96 ชั่วโมง LC50, บลูกิว ชันพิช: 0.28 mg/l ฉับพลัน Daphnia 48 ชั่วโมง EC50 : 0.16 mg/l ฉับพลัน Algal EC50, Selenastrum : 18µg/l ฉับพลัน Algal EC50, Skeletonema : 3µg/l Activated Sludge Respiration EC50 : 4.5 mg/l
การเปลี่ยนแปลงในสิ่งแวดล้อม :	CAS#26172-55-4 : Octanol/water Coefficient=0.401 (log P) CAS#2682-20-4: Octanol/water Coefficient=-0.486 (log P)
กระบวนการย่อยสลาย :	CAS#26172-55-4 : t1/2 anerobic = 4.8 ชั่วโมง CAS#26172-55-4 : t1/2 anerobic = 17.3 ชั่วโมง CAS#26172-55-4 : t1/2 anerobic = 9.1 ชั่วโมง
ผลกระทบอื่น ๆ :	ไม่มีข้อมูล



### หัวข้อที่ 13: มาตรการการกำจัด

มาตรการการกำจัด :	ไม่มีข้อมูล
ข้อควรระวังด้านสิ่งแวดล้อม :	เก็บและทำความสะอาดสารที่หกหรือไหลออกเพื่อระบายน้ำและแหล่งน้ำธรรมชาติ
การจัดหมวดหมู่ของเสีย :	เมื่อจะทำที่วัสดุนี้จะจัดเป็น RCRA ของเสียอันตรายที่มีลักษณะของการกัดกร่อนของเสียอันตรายหมายเลข D002
คำแนะนำอื่นๆ :	การเผาของเหลวและของแข็งที่ปนเปื้อนเป็นไปตามข้อตกลงท้องถิ่น, รัฐ และกฎระเบียบรัฐบาล (ดู 40 CFR 268)

### หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

DOT ชื่อที่ใช้ในการขนส่ง :	ของเหลวกัดกร่อน, เป็นกรด, ออร์แกนิก, N.O.S., ไอโซโทอะไอลีน, ไมโครโอบไอไซด์
ประเภทอันตรายตามกรมการขนส่ง :	8
หมายเลข UN :	2922
กลุ่มบรรจุภัณฑ์ :	II
มลพิษทางทะเล(ใช่/ไม่ใช่) :	ใช่
ข้อควรระวังสำหรับผู้ใช้ :	ไม่มี
หมายเหตุ :	รายละเอียดที่ได้ให้ไว้ในส่วนนี้เป็นเพียงการให้ข้อมูลเท่านั้น กรุณาทำตามข้อบังคับที่เหมาะสมในการแบ่งประเภทการจัดขนส่ง

### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

การจัดหมวดหมู่ในสถานที่ทำงาน :	ผลิตภัณฑ์นี้เป็นอันตรายได้มาตรฐาน OSHA Hazard Communication Standard (29CFR 1910.1200) ผลิตภัณฑ์นี้อยู่ภายใต้การควบคุมของ Canadian Pest Control Products Act (P.C.P.Act) ดังนั้นผลิตภัณฑ์นี้ถูกยกเว้นจากการติดฉลากและเอกสารข้อมูลความปลอดภัยที่ระบุไว้ในส่วนที่ 12 ของอันตรายของผลิตภัณฑ์
SARA TITLE 3 : Section 311/312 Categorizations (40CFR 370)	ผลิตภัณฑ์นี้เป็นอันตรายภายใต้มาตรฐาน 29CFR 1910.1200, จัดเป็นอันตรายต่อสุขภาพที่เกิดขึ้นได้ทันที
SARA TITLE 3 : Section 313 Information (40CFR 372)	ผลิตภัณฑ์นี้มีสารเคมีที่แสดงไว้ในส่วน 313: Magnesium nitrate (10377-60-3)
CERCLA Information (40CFR 302.4) :	ผลิตภัณฑ์นี้มีปริมาณรายงานภายใต้การครอบคลุมการตอบสนองด้านสิ่งแวดล้อม, ค่าชดเชย, และพระราชบัญญัติความรับผิดชอบ (CERCLA) และ Superfund Amendments and Reauthorization Act (SARA) Title III Section 304 หมายเลขของเสียอันตรายและปริมาณรายงานของวัตถุอันตรายที่ระบุไว้ด้านล่าง, การปล่อยวัตถุอันตรายเกินจากปริมาณที่ต้อง National Response Center(1-800-424-8802) ตามความเหมาะสมของรัฐและของท้องถิ่น, การกัดกร่อน 100lbs
รัฐ :	ผลิตภัณฑ์นี้เป็นเรื่องภายใต้การควบคุมภายใต้ US Federal Insecticide and Rodenticide Act (FIFRA) และ ได้รับการยกเว้นจาก U.S. Toxic Substances Control Act (TSCA)



## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ (ต่อ)

ข้อกำหนดของยุโรป/นานาชาติ :

การติดฉลากของยุโรปตาม EC Directives :

สัญลักษณ์อันตราย :

ข้อความที่เสี่ยง :

C- กัดกร่อน

R-34 ที่ให้เกิดแผลไหม้

R20/21/22 เป็นอันตรายโดยการสูดดม, ในการสัมผัสผิวหนังและ  
ถ้ากินกิน

R43 อาจทำให้เกิดอาการแพ้โดยการสัมผัสกับผิวหนัง

ข้อมูลความปลอดภัย :

S36/37/39 ใส่เสื้อผ้า สวมถุงมือ และใส่หน้ากากป้องกันดวงตาและ  
ใบหน้าตามความเหมาะสม

S26 ในกรณีที่สัมผัสถูกดวงตา ให้รีบล้างตาด้วยน้ำปริมาณมาก และให้  
พบแพทย์

S45 ในกรณีที่เกิดอุบัติเหตุหรือถ้าคุณรู้สึกไม่สบาย, ให้รีบไปพบแพทย์

## หัวข้อที่ 16: ข้อมูลอื่น

หนังสืออ้างอิง :

1. CHEMINFO DATABASE, CCINFO disc, 2006-1

2. RTECS database, TOMES PLUS disc, Vol68, 2006

3. HSDB database, TOMES PLUS disc, Vol68, 2006

4. IRIS database, EPA

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

01 June 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอลำลูกเกด จังหวัดนครปฐม ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat C302

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	EGATreat C302 (Tolytriazole)
การใช้ประโยชน์ :	ป้องกันการกัดกร่อนโลหะประเภทคอปเปอร์
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอลำลูกเกด จังหวัด นครปฐม รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทสารเดี่ยวหรือสารผสม :	สารผสม
Classification according to Regulation (EC) No 1272/2008 [CLP] :	ความเป็นพิษเฉียบพลันทางช่องปาก ประเภที่ 3 ความเป็นพิษเฉียบพลันทางการสูดดม ประเภที่ 3 การระคายเคืองดวงตา ประเภที่ 1 ความเป็นพิษต่อระบบนิเวศในน้ำเรื้อรัง ประเภที่ 4
Classification according to Directive 67/548/EEC[DSD] or Directive 1999/45/EC[OPD] :	อันตรายหากกลืนกิน ทำให้เกิดความเสียหายดวงตาอย่างรุนแรง เป็นอันตราย ต่อสิ่งมีชีวิตในน้ำ อาจทำให้เกิดผลข้างเคียงในระยะยาวในสภาพแวดล้อมทางน้ำ

รูปสัญลักษณ์อันตราย :



คำสัญญาณ :	กัดกร่อน
ข้อความแสดงความเป็นอันตราย :	อาจกัดกร่อนโลหะ
ข้อความแสดงข้อควรระวัง :	เก็บในภาชนะเดิมเท่านั้น ดูข้อบ่งชี้ที่หกรั่วไหลเพื่อป้องกันความเสียหายของวัสดุ เก็บสารหกรั่วไหล

### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Tolytriazole sodium salt	64665-57-2	>49.5-51.0%
Free sodium hydroxide	1310-73-2	< 0.5 %
Water	7732-18-5	49-50.5%



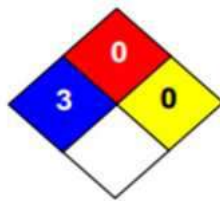
#### หัวข้อที่ 4: วิธีการปฐมพยาบาล

ทั่วไป :	ห้ามทำให้อาเจียน ให้ดื่มน้ำปริมาณมากๆ, น้ำส้มสายชู 1:4 หรือน้ำมะนาวตามด้วยนม ไม่ควรให้อะไรทางปากกับผู้ที่ไม่มีสติ รีบไปพบแพทย์
เมื่อสูดดม :	เคลื่อนย้ายไปยังที่มีอากาศบริสุทธิ์หลีกเลี่ยงการออกกำลังกายและไปพบแพทย์ ถ้าหายใจลำบากให้ออกซิเจน
เมื่อสัมผัสผิวหนัง :	ล้างด้วยสบู่และน้ำปริมาณมาก หากเกิดการระคายเคืองต่อผิวหนังควรนำส่งแพทย์ทันที
เมื่อสัมผัสดวงตา :	ล้างออกด้วยความระมัดระวังด้วยน้ำเป็นเวลาหลายนาที ถ้ามีคอนแทคเลนส์ให้ถอดออก และล้างต้อหากยังมีการระคายเคืองตา ให้รีบไปพบแพทย์
เมื่อกลืนกิน :	ล้างปาก ห้ามทำให้อาเจียน ถ้าอาเจียนเกิดขึ้น ป้องกันศีรษะอย่าให้ต่ำกว่าสะโพก เพื่อป้องกันการสำลักในปอด รีบนำส่งแพทย์ทันที

#### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	โฟม คาร์บอนไดออกไซด์ และผลเคมีแห้ง
สารดับเพลิงที่ไม่เหมาะสม :	ไม่มีข้อมูล
อันตรายที่เกิดขึ้นจากสารหรือของผสม :	คาร์บอนไดออกไซด์ (CO <sub>2</sub> ) ไนโตรเจนออกไซด์ (NO <sub>x</sub> )
อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง	ผู้ดับเพลิงควรสวมเครื่องช่วยหายใจและอุปกรณ์ป้องกันที่เหมาะสม ดับเพลิงในสายลม ให้แน่ใจว่ามีการถ่ายเทอากาศเพียงพอ เคลื่อนย้ายภาชนะออกจากบริเวณที่เกิดเพลิงไหม้หากทำได้โดยไม่เกิดความเสี่ยง เก็บภาชนะให้เย็นด้วยน้ำ

NFPA:



HMIS rating:

ความไวไฟ	1
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิเศษ	

#### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	สวมอุปกรณ์ป้องกันภัยส่วนบุคคลที่เหมาะสม (ดูข้อมูลเพิ่มเติมหัวข้อที่ 8 การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล)
ขั้นตอนการปฏิบัติในกรณีฉุกเฉิน :	ให้แน่ใจว่ามีการถ่ายเทอากาศเพียงพอ นำแหล่งกำเนิดไฟทั้งหมดออก หลีกเลี่ยงการสัมผัสกับดวงตาและผิวหนัง หลีกเลี่ยงการเกิดฝุ่น
ข้อควรระวังด้านสิ่งแวดล้อม :	ห้ามทิ้งลงสู่ท่อระบายน้ำ/น้ำผิวดิน/น้ำบาดาล ต้องหลีกเลี่ยงการปล่อยสู่สิ่งแวดล้อม แจ้งหน่วยงานที่เกี่ยวข้องหากผลิตภัณฑ์ก่อให้เกิดมลภาวะต่อสิ่งแวดล้อม
วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :	เก็บกวาดขึ้นใส่ภาชนะและรอการกำจัด ล้างบริเวณที่ปนเปื้อนด้วยน้ำปริมาณมาก หลีกเลี่ยงการสร้างฝุ่น
ข้อมูลเพิ่มเติม (อ้างอิงจากข้อมูลความปลอดภัยหัวข้ออื่น) :	หัวข้อที่ 7 ข้อมูลการขนส่ง เคลื่อนย้าย ใช้งาน อย่างปลอดภัย หัวข้อที่ 8 ข้อมูลอุปกรณ์ป้องกันอันตรายส่วนบุคคล หัวข้อที่ 13 ข้อมูลการจัดการ

#### หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้งาน	
อย่างปลอดภัย :	ใช้งานตามมาตรฐานสุขอนามัยในโรงงานอุตสาหกรรมและแนวปฏิบัติเพื่อความ



## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา (ต่อ)

สถานะการเก็บรักษาอย่างปลอดภัย :	ปลอดภัยควรมีการระบายอากาศอย่างเพียงพอในระหว่างการใช้งานและเคลื่อนย้าย หลีกเลี่ยงการสัมผัสผิวหนังและดวงตา ปิดภาชนะบรรจุให้แน่นจัดเก็บในที่แห้งมีอากาศถ่ายเทที่อุณหภูมิห้อง เก็บให้ห่างจากความร้อน ประกายไฟ หรือพื้นผิวที่ร้อน อาหาร เครื่องดื่ม ยาสูบ
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## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการสัมผัส :	ไม่มี
การควบคุมทางวิศวกรรมที่เหมาะสม :	จัดหาระบบระบายไอเสียหรือระบายอากาศแบบภายในอาคาร เตรียมฝักบัวและอุปกรณ์ล้างตาเพื่อความปลอดภัย
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	
การป้องกันตา/หน้า :	สวมแว่นตาป้องกันสารเคมีตามมาตรฐาน EN 166
การป้องกันผิวหนัง :	สวมใส่ชุดที่ปกปิดร่างกายมิดชิด
การป้องกันมือ :	สวมถุงมือป้องกันสารเคมี
การป้องกันระบบหายใจ :	ปฏิบัติตามระเบียบข้อบังคับของ OSHA ที่ระบุใน 29 CFR 1910.134 หรือตามมาตรฐาน EN 149

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	สีเหลืองใสไปถึงสีเหลืองอำพัน
กลิ่น :	กลิ่นอ่อน
ค่าความเป็นกรด-ด่าง (pH) :	ไม่น้อยกว่า 12.0
จุดหลอมเหลว / จุดเยือกแข็ง :	8 °C
จุดเดือดเริ่มต้นและช่วงของการเดือด :	100°C ที่ 1.013 เฮกโคปาสกาล
จุดวาบไฟ :	170 °C ที่ระบบปิด
ความดันไอ :	0.04
ความหนาแน่น :	1.19 กรัมต่อลูกบาศก์เซนติเมตร
การละลาย :	ละลายน้ำ
ความไวไฟ :	ติดไฟได้
ข้อมูลอื่น ๆ	-

## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	มีเสถียรภาพภายใต้สภาวะการเก็บและการจัดการที่แนะนำ (ดูหัวข้อที่ 7 การจัดการและการเก็บรักษา )
ความคงตัว :	มีความคงตัวภายใต้สภาวะปกติ
สารหรือกรณีที่ควรหลีกเลี่ยง :	อุณหภูมิสูงและวัสดุที่เข้ากันไม่ได้
วัสดุที่เข้ากันไม่ได้ :	วัสดุออกซิไดซ์รุนแรงและโลหะหนัก
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	ผลิตภัณฑ์การสลายตัวอื่นๆ

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน :	LD <sub>50</sub> (ปาก,หนู) : 1980 mg/lg LD <sub>50</sub> (เนื้อเยื่อ,กระต่าย) : 2000 mg/kg
การกัดกร่อนและการระคายเคืองต่อผิวหนัง :	กัดกร่อนรุนแรง ก่อให้เกิดแผลไหม้
การทำลายดวงตาอย่างรุนแรง/การระคายเคืองต่อดวงตา :	ทำให้เกิดอาการระคายเคืองตา



## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ :

ความเป็นพิษต่อปลา :

LC<sub>50</sub> : 122 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : Zebra fish, ระยะเวลาในการทดลอง : 96 ชั่วโมง )

LC<sub>50</sub> > 173 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : Bluegill sunfish, ระยะเวลาในการทดลอง : 96 ชั่วโมง )

LC<sub>50</sub> > 25 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : Raincow trout, ระยะเวลาในการทดลอง : 96 ชั่วโมง)

ความเป็นพิษต่อไรน้ำและสิ่งมีชีวิตในน้ำที่ไม่มีกระดูกสันหลังอื่นๆ :

EC<sub>50</sub> : 280 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : ไรน้ำ, ระยะเวลาในการทดลอง : 48 ชั่วโมง)

EC<sub>50</sub> : 26.2 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : Selenastrum capricornutum, ระยะเวลาในการทดลอง : 96 ชั่วโมง)

ผลการประเมิน PBT และ vPvB :

ผลกระทบอื่น ๆ :

ข้อมูลไม่สามารถใช้ได้เนื่องจากไม่ได้มีการประเมินความปลอดภัยทางเคมีเป็นอันตรายต่อสิ่งมีชีวิตในน้ำโดยมีผลในระยะยาว

## หัวข้อที่ 13: มาตรการการกำจัด

การกำจัดสาร :

ให้ปฏิบัติตามกฎหมายและข้อกำหนดท้องถิ่น/ระดับประเทศ ติดต่อบริษัทรับกำจัดของเสียที่ได้รับอนุญาต

บรรจุภัณฑ์ :

ให้กำจัดตามระเบียบราชการที่บ่อน้ำมันสารเคมีให้จัดการเช่นเดียวกับตัวสารเคมี ส่วนบรรจุภัณฑ์ที่ไม่ปนเปื้อนให้กำจัดเหมือนของเสียตามบ้านหรือนำกลับมาใช้

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

UN Number :

3267

UN Class :

8

UN Packin Group :

III/II

Transport hazard class :

8

UN proper shipping name :

Corrosive liquid, basic, organic, N.O.S.

ข้อควรระวังสำหรับผู้ใช้ :

มีฤทธิ์กัดกร่อน, ซึ่งทำให้ระคายเคือง

หมายเหตุ :

ควรขนส่งแยกกับของรับประทาน

## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

ไม่ระบุ

## หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

1 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอโทรนอย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat F203

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :

EGATreat F203 (Nitrite Borax Corrosion Inhibitor)

การใช้ประโยชน์

ใช้สำหรับการบำบัดน้ำหล่อเย็นในระบบปิด ระบบกึ่งปิด ระบบเปิดและในกรณีพิเศษจะสร้างแผ่นฟิล์มป้องกันบนพื้นผิวโลหะ เช่น เหล็ก ทองแดง และทองแดงผสม

ชื่อผู้ผลิต/ผู้จำหน่าย:

ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย

อำเภอ โทรนอย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710

หมายเลขโทรศัพท์ฉุกเฉิน :

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทของสารหรือสารผสม :

Sodium Nitrite, Borax, Corrosion Inhibitor

การแบ่งประเภทตามข้อบังคับ (จีซี) เลขที่ 1272/2008

องค์ประกอบของฉลาก :

รูปสัญลักษณ์อันตราย :



ข้อความแสดงความเป็นอันตราย :

อันตราย

H272 - อาจทวีความรุนแรงของไฟ; เป็นตัวออกซิไดซ์

H301 - ทำให้เกิดการระคายเคืองต่อตาอย่างรุนแรง

H400 - เป็นพิษมากต่อสิ่งมีชีวิตในน้ำ

ข้อความแสดงข้อควรระวัง :

P220 - เก็บให้ห่างจากเสื้อผ้า/วัตถุติดไฟ

P273 - หลีกเลี่ยงการรั่วไหลสู่สิ่งแวดล้อม

P301+P310 - ถ้ากลืนกิน ให้รีบโทรศัพท์ปรึกษาศูนย์พิษวิทยาหรือแพทย์ทันที

P305+P351+P338 - ถ้าเข้าดวงตา ล้างด้วยน้ำเป็นเวลาหลายๆนาที ให้ถอด

คอนแทคเลนส์ออก หากถอดออกได้ง่ายให้ล้างตาต่อไป

การจำแนกตามแนวทาง 67/548/EEC หรือแนวทาง 1999/45/EC

ไม่มี

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท :

ไม่มี



### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Sodium Nitrite	7632-00-0	80-90
Borax	1303-96-4	10-20
Corosion Inhibitor	-	Max 0.2

### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	การหายใจเข้าไป ให้เคลื่อนย้ายผู้ป่วยออกไปที่มีอากาศบริสุทธิ์ ถ้าผู้ป่วยหายใจลำบาก ส่งไปพบแพทย์
เมื่อสัมผัสผิวหนัง :	เมื่อถูกผิวหนัง ให้ล้างผิวหนังด้วยสบู่และน้ำปริมาณมากทันทีและนำไปพบแพทย์
เมื่อสัมผัสดวงตา :	ถ้าสัมผัสถูกตา ให้ฉีดล้างตาทันทีด้วยน้ำปริมาณมากเป็นเวลาอย่างน้อย 15 นาที และเพื่อให้แน่ใจว่าล้างสารปนเปื้อนออกหมดให้ใช้น้ำล้างเปลือกตา ในระหว่างที่ล้าง ให้นำผู้ป่วยไปพบแพทย์
เมื่อกลืนกิน :	ถ้ากลืนกินเข้าไป ให้ผู้ป่วยล้างปากด้วยน้ำปริมาณมาก ในกรณีที่ผู้ป่วยยังมีสติ ให้รับนำไปพบแพทย์

### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	น้ำ คาร์บอนไดออกไซด์ ผงเคมีแห้ง หรือโฟมที่เหมาะสม
อันตรายเฉพาะอย่างที่เกิดจากสารหรือส่วนผสม :	คาร์บอน มอนออกไซด์, ก๊าซไฮโดรเจนคลอไรด์
อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง :	สวมใส่อุปกรณ์ป้องกันการหายใจชนิดมีถังอากาศในตัว (SCBA) และชุดป้องกันสารเคมีสัมผัสผิวหนังและตา
ปริมาณเปอร์เซ็นต์ของแก๊สหรือไอระเหยที่ผสมกับอากาศ จนเกิดเป็นส่วนผสมที่เหมาะสมที่จะทำให้เกิดการระเบิดได้ (ขั้นต่ำ-มากที่สุด) :	เมื่อเกิดเพลิงไหม้จะทำให้เกิดก๊าซพิษออกมา การสัมผัสกับวัตถุอื่น อาจทำให้เกิดเพลิงไหม้ อาจเร่งให้เกิดการเผาไหม้

NFPA :



HMIS rating:

ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	1
ข้อมูลพิเศษ	

### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	สวมอุปกรณ์ป้องกันภัยส่วนบุคคลที่เหมาะสม (ดูข้อมูลเพิ่มเติมหัวข้อที่ 8)
ขั้นตอนการปฏิบัติในกรณีฉุกเฉิน :	การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล ให้เลิกใช้ด้วยความระมัดระวังเพื่อป้องกันการสัมผัสกับผิวหนังหรือตาที่สัมผัส และป้องกันไม่ให้สูดดมสารเคมี
ข้อควรระวังด้านสิ่งแวดล้อม :	อย่าปล่อยให้เข้าไปในท่อน้ำทิ้ง/น้ำบนดินหรือใต้ดิน
วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :	เก็บกวาดใส่ในถุงบรรจุและเก็บไว้เพื่อนำไปกำจัด ฉีดล้างบริเวณที่สารหกั่วไหลด้วยน้ำปริมาณมากๆ หลังจากเก็บกวาดเรียบร้อยแล้ว
ข้อมูลเพิ่มเติม (อ้างอิงจากข้อมูลความปลอดภัยหัวข้ออื่น) :	หัวข้อที่ 7 ข้อมูลการขนถ่าย เคลื่อนย้าย ใช้งาน อย่างปลอดภัย หัวข้อที่ 8 ข้อมูลอุปกรณ์ป้องกันอันตรายส่วนบุคคล หัวข้อที่ 13 ข้อมูลการจัดการ



## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย	ผู้ขนถ่ายเคลื่อนย้ายไม่ควรสูดดมสารเคมี หลีกเลี่ยงการสัมผัสกับตา ผิวหนัง และเสื้อผ้าที่สวมใส่ หลีกเลี่ยงการสัมผัสโดนสารเคมีเป็นเวลานานๆ
ใช้งานอย่างปลอดภัย :	เก็บในภาชนะที่ปิดมิดชิด
สภาวะการเก็บรักษาอย่างปลอดภัย :	เก็บให้ห่างจากสารติดไฟได้ แหล่งที่มีความร้อน ประกายไฟและเปลวไฟ
สารที่เข้ากันไม่ได้ :	

## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการสัมผัส :	ไม่มีข้อมูล
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	
การป้องกันตา/หน้า :	แว่นตาป้องกันสารเคมี
การป้องกันผิวหนัง :	สวมชุดป้องกันสารเคมี
การป้องกันมือ :	สวมถุงมือ
การป้องกันระบบหายใจ :	กรณีที่อยู่เป็นเวลาสั้นๆ หรืออากาศเป็นพิษระดับต่ำใช้หน้ากากกรองเพื่อช่วยหายใจในกรณีที่มีความเข้มข้นสูงหรืออยู่เป็นเวลานานให้ใช้เครื่องป้องกันที่มีอุปกรณ์ช่วยหายใจในตัว
ข้อควรปฏิบัติ :	เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี ล้างมือหลังการทำงานกับสาร ก่อนกินอาหาร หรือสูบบุหรี่

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	ของแข็งสีขาวถึงสีเหลืองอ่อน
กลิ่น :	ไม่มีกลิ่น
ค่าความเป็นกรด-ด่าง (pH) :	ไม่มีข้อมูล
จุดหลอมเหลว / จุดเยือกแข็ง :	จุดหลอมเหลว 271°C
จุดวาบไฟ :	ไม่มีข้อมูล
ความสามารถในการลุกติดไฟได้ของของแข็งและก๊าซ :	ไม่มีข้อมูล
อุณหภูมิสลายตัว :	ไม่มีข้อมูล
อันตรายจากการระเบิด :	ไม่มีข้อมูล
ความหนาแน่นที่ 25°C	2.168 g/cm <sup>3</sup>
ความหนาแน่นรวมที่ 25 °C	ไม่มีข้อมูล
ความสามารถในการละลาย :	ละลายได้ในน้ำ
ค่าสัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (log K <sub>ow</sub> ) :	ไม่ได้กำหนดไว้

## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี :	มีความเสถียรในสภาวะปกติ
สภาวะที่ควรหลีกเลี่ยง :	ความชื้น
วัสดุที่เข้ากันไม่ได้ :	เกลือแอมโมเนียม, แอคทิเวตเต็ด คาร์บอน, กรดไฮยาโนด และสารลดออกซิเจน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	คาร์บอน มอนอกไซด์, คาร์บอนไดออกไซด์, ไฮโดรเจน คลอไรด์, ฟอสจีน

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

วิถีทางและรูปแบบของการได้รับสารเข้าสู่ร่างกาย :	
การสูดดม :	อาจเกิดอันตรายหากสูดดม สารเคมีนี้ระคายเคืองต่อเยื่อจมูกและระบบการหายใจ
การกลืนกิน :	อาจเกิดอันตรายหากกลืนกิน
สัมผัสดวงตา :	ระคายเคืองต่อตา



#### หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา (ต่อ)

สัมผัสผิวหนัง :	ระคายเคืองต่อผิวหนัง
อาการที่ปรากฏ :	ปวดศีรษะ คลื่นเหียน อ่อนเพลีย
ผลกระทบเฉียบพลันและที่เกิดขึ้นภายหลัง :	ถ้าสัมผัสนานๆ อาจทำลายไตและสมอง
ค่าความเป็นพิษที่วัดเป็นตัวเลข :	LD <sub>50</sub> (กลืนกิน, หนู) : 180 mg/kg LD <sub>50</sub> (กลืนกิน, กระต่าย) : 186 mg/kg LD <sub>50</sub> (กลืนกิน, เด็ก) : 22 mg/kg LD <sub>50</sub> (กลืนกิน, ผู้ใหญ่) : 321 mg/kg สัมผัสดวงตา (กระต่าย): 500 มก./กก./24 ชม.

#### หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษ :	
ผลกระทบต่อระบบนิเวศน์ :	
ประเภทการทดสอบ EC50 Daphnia :	ชนิด Daphnia magna เวลา 48 hrs. ขนาด 66 mg/l
ประเภทการทดสอบ LC50 ปลา :	ชนิด Onchorhynchus mykiss (Rainbow trout) เวลา 96 hrs. ขนาด 0.2 mg/l
การสะสมทางชีวภาพที่อาจเกิดขึ้น :	ไม่มีข้อมูล
การเปลี่ยนแปลงในดิน :	ไม่มีข้อมูล
ข้อมูลรายละเอียดเสริมเกี่ยวกับนิเวศวิทยา	
หมายเหตุต่างๆ ไป	ไม่มีข้อมูล

#### หัวข้อที่ 13: มาตรการการกำจัด

มาตรการการกำจัด :	ให้ติดต่อผู้ที่ได้รับการอนุญาตกำจัดของเสียเพื่อที่จะกำจัดเคมีชนิดนี้ ให้ทำตาม ข้อกำหนดเกี่ยวกับสิ่งแวดล้อมที่ออกมาโดยรัฐบาล จังหวัดหรือท้องถิ่น
ภาชนะบรรจุที่ยังไม่ได้ล้างทำความสะอาด :	การกำจัดจะต้องทำตามกฎระเบียบอย่างเป็นทางการ

#### หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN :	1500
ชื่อการจัดส่งสินค้าที่เหมาะสมของ UN :	Sodium Nitrite Borax
ชั้นเรียกอันตรายจากการขนส่ง :	
ประเภท :	Oxidizer
Class :	5.1
กลุ่มของภาชนะบรรจุ :	III

#### หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

สิ่งที่เป็นอันตรายต่อสภาพแวดล้อม :	ไม่มีข้อมูล
สารที่เป็นพิษต่อทะเล :	ไม่มีข้อมูล
การป้องกันพิเศษล่วงหน้าสำหรับผู้ใช้ :	ไม่มีข้อมูล
การขนส่งขนาดใหญ่ตามภาคผนวก 2 ของ MARPOL73/78 และ รหัส IBC :	ไม่มีข้อมูล
"กฎระเบียบต้นแบบ" ของ UN :	ไม่มีข้อมูล



#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

การติดฉลากตามระเบียบอีซี :

สัญลักษณ์ :

O ออกซิไดซ์

T เป็นพิษ

N เป็นอันตรายต่อสิ่งแวดล้อม

ข้อมูลเกี่ยวกับอันตราย :

R 8-25-50 หากสัมผัสกับวัสดุที่ลุกไหม้ติดไฟอาจก่อให้เกิดเพลิงไหม้

เป็นพิษเมื่อกลืนกิน

เป็นพิษต่อสิ่งมีชีวิตในน้ำ

ข้อมูลเกี่ยวกับความปลอดภัย :

S 45-61 ในกรณีที่เกิดอุบัติเหตุหรือรู้สึกไม่สบาย ควรปรึกษาแพทย์ทันที

พร้อมทั้งแสดงฉลากของสารเคมี หลีกเลี่ยงการปล่อยสารเคมีนี้สู่สิ่งแวดล้อม

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

1 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอไทรน้อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## Sodium Hydroxide (NaOH)

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	50% Sodium Hydroxide
การใช้ประโยชน์	ปรับสภาพความเป็นกรด-ด่าง
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอ ไทรน้อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710 หมายเลขโทรศัพท์ฉุกเฉิน : หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทตามระบบ GHS :

ความเป็นอันตรายทางกายภาพ :	วัตถุระเบิด	ไม่ถูกจำแนก
	ก๊าซไวไฟ	ไม่ถูกจำแนก
	ละอองไวไฟ	ไม่ถูกจำแนก
	ก๊าซออกซิไดซ์	ไม่ถูกจำแนก
	ก๊าซภายใต้ความดัน	ไม่ถูกจำแนก
	ของเหลวไวไฟ	ไม่ถูกจำแนก
	ของแข็งไวไฟ	ไม่ถูกจำแนก
	สารเดี่ยวและสารผสมที่เกิดปฏิกิริยาได้เอง	ไม่ถูกจำแนก
	ของเหลวลุกติดไฟได้เองในอากาศ	ไม่ถูกจำแนก
	ของแข็งจุดติดไฟได้เองในอากาศ	ไม่ถูกจำแนก
	สารเดี่ยวและสารผสมที่เกิดความร้อนได้เอง	ไม่ถูกจำแนก
	สารเดี่ยวและสารผสมที่ซึ่งเมื่อสัมผัสกับน้ำปล่อยก๊าซไวไฟ	ไม่ถูกจำแนก
	ของเหลวออกซิไดซ์	ไม่ถูกจำแนก
	ของแข็งออกซิไดซ์	ไม่ถูกจำแนก
	สารเพอร์ออกไซด์อินทรีย์	ไม่ถูกจำแนก
	สารกัดกร่อนโลหะ	ไม่ถูกจำแนก
ความเป็นอันตรายต่อสุขภาพ :	ความเป็นพิษเฉียบพลัน (ทางปาก)	ประเภทย่อย 4
	ความเป็นพิษเฉียบพลัน (ทางผิวหนัง)	ประเภทย่อย 4
	ความเป็นพิษเฉียบพลัน (การสูดดม สำหรับก๊าซ)	ไม่ถูกจำแนก
	ความเป็นพิษเฉียบพลัน (การสูดดม สำหรับไอ)	ไม่ถูกจำแนก
	ความเป็นพิษเฉียบพลัน (การสูดดม สำหรับฝุ่น)	ไม่ถูกจำแนก
	ความเป็นพิษเฉียบพลัน (การสูดดม สำหรับละออง)	ไม่ถูกจำแนก
	การกัดกร่อน/การละลายเคืองต่อผิวหนัง	ประเภทย่อย 1
	การทำลายดวงตาอย่างรุนแรงและการระคายเคืองต่อดวงตา	ประเภทย่อย 1
	การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อระบบทางเดินหายใจ	ไม่ถูกจำแนก
	การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง	ไม่ถูกจำแนก
	การก่อให้เกิดการกลายพันธุ์ของเซลล์สืบพันธุ์	ไม่ถูกจำแนก
	สารก่อมะเร็ง	ไม่ถูกจำแนก
	ความเป็นพิษต่อระบบสืบพันธุ์	ไม่ถูกจำแนก



## หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย (ต่อ)

ความเป็นอันตรายต่อสิ่งแวดล้อม :	ความเป็นพิษต่ออวัยวะเป้าหมายอย่างเฉพาะเจาะจง - สัมผัสเพียงครั้งเดียว
	ประเภทย่อย 3
	ความเป็นพิษต่ออวัยวะเป้าหมายอย่างเฉพาะเจาะจง - สัมผัสซ้ำ ไม่ถูกจำแนก
	อันตรายจากการสำลัก ไม่ถูกจำแนก
องค์ประกอบฉลาก :	ความเป็นพิษเฉียบพลันต่อสิ่งแวดล้อมในน้ำ ประเภทย่อย 3
	ความเป็นพิษเรื้อรังต่อสิ่งแวดล้อมในน้ำ ไม่ถูกจำแนก



คำสัญญาณ :	อันตราย
ข้อความแสดงความเป็นอันตราย :	เป็นอันตรายเมื่อสัมผัสผิวหนัง ทำให้ผิวหนังไหม้อย่างรุนแรงและทำลายดวงตา ทำอันตรายต่อระบบทางเดินอาหาร เป็นอันตรายต่อสิ่งมีชีวิตในน้ำ
ข้อความแสดงข้อควรระวัง :	สวมถุงมือป้องกัน/ชุดป้องกัน/อุปกรณ์ป้องกันดวงตา/อุปกรณ์ป้องกันหน้า จัดเก็บในพื้นที่ที่มีการระบายอากาศได้ดี ปิดภาชนะบรรจุให้แน่น จัดเก็บในสถานที่ที่ปิดล็อกได้ หลีกเลี่ยงการรั่วไหลสู่สิ่งแวดล้อม แยกซักเสื้อผ้าที่ปนเปื้อนสารให้สะอาดก่อนนำกลับมาใช้ใหม่ หากเข้าตา ล้างด้วยน้ำนาน 20 นาที ให้ถอดคอนแทคเลนส์ออก หากกลืนกิน ให้ล้างปาก ห้ามทำให้อาเจียน ถ้าสัมผัสผิวหนัง ถอดเสื้อผ้าที่ปนเปื้อนทั้งหมดออกทันที ล้างด้วยน้ำปริมาณมากนาน 20 นาที
ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท:	ไม่มีข้อมูล

## หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Sodium hydroxide	1310-73-2	50%
Water	7732-18-5	50%

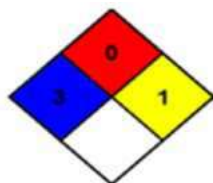
## หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	หากหายใจเอาละอองสารเข้าสู่ร่างกายให้ย้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์ หากหายใจไม่สะดวกให้ใช้อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที
เมื่อสัมผัสกับผิวหนัง :	ถอดเสื้อผ้าที่ปนเปื้อนออก ล้างออกด้วยน้ำปริมาณมาก อย่างน้อย 20 นาที
เมื่อสัมผัสดวงตา :	ล้างด้วยน้ำปริมาณมาก ถอดคอนแทคเลนส์ออก เปิดเปลือกตาให้กว้างให้น้ำไหลผ่าน
เมื่อกลืนกิน :	บ้วนปาก ห้ามทำให้อาเจียร นำส่งแพทย์ทันที

## หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	ใช้สารดับเพลิงที่เหมาะสมกับสภาวะรอบๆ ที่เกิดเพลิงไหม้
อันตรายที่เกิดจากสารเคมีที่ไหม้ไฟ :	สารนี้ไม่ติดไฟ แต่เมื่อสัมผัสน้ำหรือความชื้นจะทำให้เกิดความร้อนเมื่อ ได้รับความร้อนสารระเหยให้ไอที่มีความเป็นด่าง
การป้องกันสำหรับเจ้าหน้าที่ดับเพลิง :	สวมชุดดับเพลิง สวมหน้ากากป้องกันการหายใจชนิดมีถังอากาศ ให้ฉีดน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ

NFPA :



HMIS rating :

ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	1
ข้อมูลพิเศษ	



## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อระวังส่วนบุคคล :	อพยพคนออกจากบริเวณที่สารรั่วไหล ห้ามสัมผัสสารเคมีโดยตรง ห้ามสูดดมเอาละอองไอเข้าสู่ร่างกาย
อุปกรณ์ป้องกันอันตราย :	แว่นครอบตา รองเท้าบูท และถุงมือยางแบบหนา ชุดกันสารเคมี
ข้อควรระวังด้านสิ่งแวดล้อม :	กั้นบริเวณเพื่อป้องกันไม่ให้แพร่กระจายสู่ดิน น้ำ หรือสิ่งแวดล้อม
ขั้นตอนปฏิบัติงานฉุกเฉิน :	สวมชุดป้องกันสารเคมี รวบรวมใส่ภาชนะพลาสติก ปิดให้แน่น ใช้วัสดุดูดซับที่เหมาะสม หรือทราย ล้างทำความสะอาดบริเวณที่สารหกั่วไหลหลังจากเก็บสารออกหมดแล้ว
ข้อควรระวังส่วนบุคคล :	อพยพคนออกจากบริเวณที่สารรั่วไหล ห้ามสัมผัสสารเคมีโดยตรง ห้ามสูดดมเอาละอองไอเข้าสู่ร่างกาย จากการบำบัดได้
วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :	สวมชุดป้องกันสารเคมี รวบรวมใส่ในภาชนะพลาสติก ปิดให้แน่น ใช้วัสดุดูดซับที่เหมาะสมหรือทราย ล้างทำความสะอาดบริเวณที่สารหกั่วไหลหลังจากเก็บสารออกหมดแล้ว

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

การใช้งาน :	หลีกเลี่ยงการสัมผัสกับสาร
การจัดเก็บ :	เก็บในภาชนะป้องกันการกัดกร่อน

## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

IDLH	10 mg/m <sup>3</sup> (NIOSH 2012)	
REL-C	2 mg/m <sup>3</sup> 15 นาที (NIOSH 2012)	
PEL-TWA	2 mg/m <sup>3</sup> (OSHA 2012)	
TVL-C	2 mg/kg (ACGIH 2012)	
การควบคุมทางวิศวกรรมที่เหมาะสม:	จัดให้มีระบบระบายอากาศที่เพียงพอ	
อุปกรณ์ป้องกันภัยส่วนบุคคล:	ป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี) การป้องกันระบบหายใจ สวมหน้ากากป้องกันไอสารเคมี เมื่อต้องปฏิบัติกับโซดาไฟ ที่มีอุณหภูมิสูง (สารนี้จะระเหยให้อไอที่มีความเป็นด่าง) แว่นตานิรภัยหรือแว่นครอบตา ชุดกันสารเคมี กระบังหน้า	
ข้อควรปฏิบัติ:	เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี ล้างมือและหน้าหลังจากทำงานกับสาร ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน	

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะที่ปรากฏ :	ของเหลวใส ไม่มีสี
กลิ่น :	ไม่มีกลิ่น
ระดับค่าขีดจำกัดของกลิ่น :	ไม่มีข้อมูล
ค่าความเป็นกรด-ด่าง (pH) :	มากกว่า 14
จุดหลอมเหลว/จุดเยือกแข็ง :	4.4°C
อุณหภูมิจุดเริ่มเดือดและช่วงอุณหภูมิเดือด :	117°C -120°C
จุดวาบไฟ :	ไม่ติดไฟ
อัตราการระเหย:	ไม่มีข้อมูล
ความสามารถในการลุกติดไฟได้:	ไม่มีข้อมูล



#### หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ (ต่อ)

ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟ หรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (% , v/v):

	ขีดล่าง ไม่มีข้อมูล
	ขีดบน ไม่มีข้อมูล
ความดันไอ :	1.1 มม.ปรอท ที่อุณหภูมิ 20 °C
ความหนาแน่นไอ (อากาศ=1) :	0.2
ความหนาแน่นสัมพัทธ์ (น้ำ=1) :	1.3 ที่อุณหภูมิ 15 °C
ความสามารถในการละลายได้:	ละลายน้ำได้ดี
สัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (Log $K_{ow}$ )	ไม่มีข้อมูล
อุณหภูมิที่ติดไฟได้เอง:	ไม่ติดไฟ
อุณหภูมิของการสลายตัว:	ไม่มีข้อมูล
ความหนืด:	17cP ที่อุณหภูมิ 20 °C

#### หัวข้อที่ 10: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน:	LD <sub>50</sub> (Derman, Rabbit): 1,350 มิลลิกรัม/กิโลกรัม LD <sub>50</sub> (i.p., Mouse): 40 มิลลิกรัม/กิโลกรัม
การหายใจเข้าไป:	ระคายเคืองจมูก คอ และปอด ทำให้ไอ แสบคอ หายใจถี่ หายใจลำบาก
การสัมผัสทางผิวหนัง:	กัดกร่อนผิวหนัง ผิวหนังเป็นผื่นแดง ผิวหนังไหม้
การสัมผัสทางดวงตา:	กัดกร่อนดวงตา ตาแดง ตามัว ตามีไหม้ และตาบอดได้
การกลืนกิน:	แสบคอและหน้าอก ปวดท้อง ท้องร่วง คลื่นไส้ อาเจียร อ่อนเพลีย ช็อกหรือหมดสติ หรือเสียชีวิต
อาการที่ปรากฏ:	รู้สึกแสบร้อน ไอ หายใจมีเสียง หลอดลมต่อนบนอักเสบ หายใจถี่ ปวดหัวคลื่นไส้ และอาเจียร
ผลกระทบเฉียบพลัน:	กัดกร่อนผิวหนัง ดวงตาและทางเดินหายใจ กัดกร่อนเมือกกลืนกิน ทำให้ปวดบวม หายใจลำบาก
ผลกระทบเรื้อรัง:	ทำให้ผิวหนังอักเสบ ทำให้หลอดลมอักเสบ ทำลายปอดอย่างถาวร

#### หัวข้อที่ 11: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	ทำปฏิกิริยากับกรดแก่ (Hydrochloric, Sulfuric, Nitric) ทำปฏิกิริยากับโลหะ (Aluminum, Lead, Tin, Zinc) ทำให้เกิดก๊าซไฮโดรเจนที่ไวไฟและระเบิดได้ ทำปฏิกิริยากับ Ammonium salts ทำให้เกิด ammonia ซึ่งทำให้เกิดอันตราย จากเพลิงไหม้ ทำปฏิกิริยากับสารโซเดียมไฮโปคลอไรต์เกิดก๊าซคลอรีนซึ่งเป็นพิษ
ความเสถียรทางเคมี:	เสถียรภายใต้อุณหภูมิปกติ
วัสดุที่เข้ากันไม่ได้:	ไม่มีข้อมูล
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย:	ไม่มีข้อมูล

#### หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษต่อระบบนิเวศ :	ความเป็นพิษต่อปลา Oncorhynchus mykiss LC <sub>50</sub> : 45.4 มิลลิกรัม/ลิตร/96 ชั่วโมง ความเป็นพิษต่อปลา Crustacea Daphnia magna EC50 : 40.38 มิลลิกรัม/ลิตร/48 ชั่วโมง
ความคงอยู่นานและความสามารถในการย่อยสลายทางชีวภาพ :	ไม่ย่อยสลายทางชีวภาพ
ศักยภาพและการสะสมทางชีวภาพ :	ไม่สะสมทางชีวภาพ
การเคลื่อนย้ายในดิน :	ไม่มีข้อมูล
ผลกระทบในทางเสียหาอื่น ๆ:	ไม่มีข้อมูล

#### หัวข้อที่ 13: มาตรการการกำจัด

วิธีการกำจัด :	ให้ปฏิบัติตามกฎหมาย เพื่อให้มีผลกระทบต่อสิ่งแวดล้อมน้อยที่สุด
บรรจุภัณฑ์ :	ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป



#### หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN Number : 1824  
ชื่อที่ถูกต้องในการขนส่ง : Sodium Hydroxide Solution  
ประเภทความเป็นอันตรายสำหรับการขนส่ง : 8  
กลุ่มบรรจุภัณฑ์ : II  
การติดฉลาก:



มลภาวะทางทะเล : ไม่มีข้อมูล  
การขนส่งด้วยภาชนะขนาดใหญ่ L4BN  
ข้อควรระวังพิเศษ : ไม่มีข้อมูล

#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

กฎหมาย/ข้อบังคับของประเทศไทย พระราชบัญญัติวัตถุอันตราย พ.ศ. 2535 ประเภทวัตถุอันตราย: ชนิดที่ 1 (วัตถุอันตรายที่การผลิต การนำเข้า การส่งออก หรือการมีไว้ในครอบครองต้องปฏิบัติตามหลักเกณฑ์และวิธีการที่กำหนดด้วย) บัญชี ก (กรมโรงงานอุตสาหกรรม กรมประมง)  
ประกาศกรมสวัสดิการและคุ้มครองแรงงานเรื่องกำหนดชนิดและประเภทสารเคมี พ.ศ. 2535 ลำดับที่ 1393  
การติดฉลากตามระเบียบ EC: สัญลักษณ์ : C กัดกร่อน  
ข้อความบอกความเสี่ยง: R35ทำให้เกิดแผลไหม้อย่างรุนแรง  
ข้อความบอกมาตรการความปลอดภัย: S1/2 เก็บโดยปิดล็อก และให้พ้นมือเด็ก  
S26 เมื่อเข้าตาให้ล้างทันทีด้วยน้ำปริมาณมาก และไปพบแพทย์  
S37/39 สวมถุงมือ และแว่นตา/หน้ากากที่เหมาะสม  
S45 ในกรณีเกิดอุบัติเหตุหรือรู้สึกไม่สบายให้พบแพทย์ทันที (แสดงฉลากสารเคมีแก่แพทย์ถ้ามี)

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย : ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย  
เริ่มใช้เมื่อ : 10 สิงหาคม 2562



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอไทรน้อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## Gas Turbine Compressor 1:19

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	Gas Turbine Compressor 1:19 (Comwash RMC 1:19)
การใช้ประโยชน์	ใช้ทำความสะอาดในงานอุตสาหกรรม
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอ ไทรน้อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

อันตรายที่อาจเกิดขึ้น :	ไม่เป็นสารที่เป็นอันตรายตามคำสั่ง 1999/45/EC
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### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
non ionic surfactants อยู่ในรูปสารประกอบแบบ		
Ethoxylated fatty amine	61791-14-8	55-65
(เป็นอันตราย (Xn:Harmful) หากกลืนกิน ถ้าเข้าตาจะทำให้เกิดการระคายเคืองได้		

### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	อาจมีการสูดดมในส่วนของละอองไอ แต่ไม่ก่อให้เกิดอันตราย หลีกเลี่ยงได้ โดยเคลื่อนย้ายไปปฏิบัติงานบริเวณที่มีอากาศถ่ายเทสะดวก ถ้าได้รับสารอย่างรุนแรงให้รีบไปพบแพทย์
เมื่อสัมผัสผิวหนัง :	ล้างด้วยน้ำเปล่าให้สะอาด ใช้ครีมสำหรับทาผิวที่ระคายเคือง ควรถอดและทำความสะอาดเสื้อผ้าเมื่อมีการเปื้อน
เมื่อสัมผัสดวงตา :	เมื่อเกิดการระคายเคืองที่ตาให้รีบล้างน้ำอย่างน้อย 15 นาที จนกระทั่ง รู้สึกว่าการระคายเคือง รู้สึกว่าการระคายเคือง ถ้าไม่ดีขึ้นให้รีบไปพบแพทย์
เมื่อกลืนกิน :	ให้ดื่มน้ำตามมากๆ ห้ามทำให้อาเจียร



## หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :

ใช้วิธีการดับเพลิงที่เหมาะสมกับสถานะแวดล้อม

อันตรายเฉพาะอย่างที่เกิดจากสารหรือส่วนผสม :

ไม่มีข้อมูล

อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง : สวมชุดดับเพลิงและอุปกรณ์ป้องกันทางเดินหายใจชนิดถังบรรจุอากาศแบบพกพา (Self-Contained Breathing Apparatus, SCBA)

คำแนะนำสำหรับการผจญเพลิง

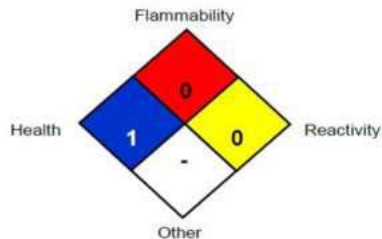
อุปกรณ์ป้องกันพิเศษและข้อควรระวัง :

ไม่ระบุ

ผลิตภัณฑ์สลายตัวที่เป็นอันตราย :

ไม่มีข้อมูล

NFPA :



HMIS rating:

ความไวไฟ	0
สุขภาพ	1
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิเศษ	

## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อควรระวังด้านสิ่งแวดล้อม :

สามารถทำความสะอาดพื้นด้วยน้ำเปล่า

วิธีการและวัสดุสำหรับเก็บ และทำความสะอาด :

ผลิตภัณฑ์สามารถละลายน้ำได้อย่างสมบูรณ์และย่อยสลายได้เองตามธรรมชาติ สามารถดูดซับได้ด้วยวัสดุเฉื่อย

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

การขนถ่ายวัสดุ :

ไม่มีข้อระวังพิเศษที่จำเป็น ควรหลีกเลี่ยงการสัมผัสกับผิวหนังเป็นเวลานาน

การเก็บรักษา :

เก็บในภาชนะบรรจุเดิมที่ปิดสนิท ป้องกันความเย็น

## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

การป้องกันระบบหายใจ :

ไม่สามารถหลีกเลี่ยงได้

การป้องกันมือ :

ควรสวมถุงมือยางเมื่อต้องปฏิบัติกับผลิตภัณฑ์เป็นระยะเวลานาน หรือ ในกรณีที่ผู้ใช้งานมีผิวที่แพ้ง่าย

การป้องกันผิวหนัง :

ไม่จำเป็นต้องปกป้องเป็นพิเศษเมื่อใช้งานในสภาวะการทำงานปกติ

การป้องกันดวงตา :

ควรสวมแว่นตาเพื่อป้องกัน เพื่อลดปัญหาการกระเด็นเข้าสู่ดวงตา

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :

สีน้ำตาล, เหมือนไม่มีกลิ่น

ค่าความเป็นกรด-ด่าง (pH) :

6.5-7.5

จุดเดือด :

110°C-120°C

จุดหลอมเหลว :

<-35 °C

จุดวาบไฟ :

> 100°C

การติดไฟ :

ไม่ติดไฟ และไม่สามารถติดไฟได้เอง

การระเบิด :

ไม่มี

ความดันไอ :

-

ความหนาแน่นและการละลายได้ในน้ำ :

1009-1012 kg/m<sup>3</sup> และ 100 %



## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี :	เสถียร และไม่เกิดปฏิกิริยาออกซิไดซ์
ปฏิกิริยาที่เป็นอันตราย :	ไม่มีข้อมูล
การจำแนกผลิตภัณฑ์ที่เป็นอันตราย :	ไม่มีข้อมูล

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

สินค้าจะถูกจัดประเภทเป็นที่ปลอดภัย  
ผลิตภัณฑ์นี้มีส่วนผสมที่ไม่จัดว่าเป็นสารก่อมะเร็งตามการแบ่งประเภท ของ OSHA, ACGIH, NTP และ IARC

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

การถ่ายเท :	ดูดซึมได้ทันทีในพื้นดิน
ความคงทนต่อการเสื่อมสลายทางเคมี :	ย่อยสลายได้เองตามธรรมชาติ
ความสามารถของสารสะสมทางเคมีในสิ่งแวดล้อม :	ไม่เกิดการสะสมของสาร
ผลข้างเคียงอื่น ๆ :	ไม่เป็นพิษต่อสิ่งแวดล้อม

## หัวข้อที่ 13: มาตรการการกำจัด

การกำจัด :	ในการใช้ผลิตภัณฑ์โดยทั่วไปจะไม่ผลกระทบต่อสิ่งมีชีวิต แต่สำหรับการกำจัดทิ้งต้องขึ้นอยู่กับกฎหมายของแต่ละพื้นที่
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## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

จัดเป็นสารเคมีประเภทไม่เป็นอันตรายต่อการขนส่ง

## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

บนฉลาก :	ผลิตภัณฑ์ไม่มีการกำหนดคำเตือนหรือสัญลักษณ์อย่างเป็นทางการตามที่ระบุไว้ใน CHIP 1993, กฎข้อบังคับที่ 9 มีการระบุว่าไม่เป็นสารไวไฟ ไม่มีพิษ ย่อยสลายได้ตามธรรมชาติ ไม่เป็นพิษต่อสิ่งแวดล้อม
ขอบเขตการทำงาน :	ในการนำไปใช้ของเจ้าหน้าที่ ผลิตภัณฑ์และส่วนผสมไม่มีการกำหนดค่าที่แน่นอนขึ้นอยู่กับนำไปใช้

## หัวข้อที่ 16: ข้อมูลอื่น

ข้อมูลที่กล่าวไปข้างต้น ส่วนใหญ่กล่าวถึงเพียงในเรื่องของ สุขภาพและความปลอดภัยซึ่งก็เป็นข้อมูลที่เรามีและถูกต้อง  
ในส่วนอื่นอาจจะต้องให้ผู้ใช้นำข้อมูลที่ทางเราให้รายละเอียดนำไปใช้ให้เหมาะสมกับการปฏิบัติงานของตน  
ห้ามผสมผลิตภัณฑ์กับสารเคมีใดๆ ยกเว้นน้ำปราศจากแร่ธาตุ ตามคำแนะนำของผู้ผลิตเท่านั้น

จัดทำโดย :	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย
เริ่มใช้เมื่อ :	2 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฟ้ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนน้อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนน้อย อำเภอนทรนน้อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## Sodium Hypochlorite (NaOCl)

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	10% Sodium Hypochlorite
การใช้ประโยชน์	biocide
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฟ้ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนน้อย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนน้อย อำเภอนทรนน้อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทตามระบบ GHS :

การกัดกร่อน/การระคายเคืองต่อผิวหนัง	ประเภทย่อย 1A-1C
การทำลายดวงตาอย่างรุนแรงและการระคายเคืองต่อดวงตา	ประเภทย่อย 1
การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง	ประเภทย่อย 1
ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการสัมผัสผิ วครั้งเดียว (ระบบประสาท ระบบทางเดินหายใจ)	ประเภทย่อย 1
ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการสัมผัสผิ วซ้ำ (ตับ อวัยวะรับกลิ่น ระบบทางเดินหายใจ)	ประเภทย่อย 1
ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ	ประเภทย่อย 1

องค์ประกอบฉลาก :



คำสัญญาณ :

ข้อความแสดงความเป็นอันตราย :

อันตราย  
อันตรายต่อระบบทางเดินหายใจเมื่อสัมผัสเป็นเวลานานหรือสัมผัสซ้ำ  
ระคายเคืองต่อผิวหนัง และทำลายเยื่อบุดวงตา  
อันตรายต่อสิ่งมีชีวิตในน้ำ

ข้อความแสดงข้อควรระวัง :

ควรได้รับคำแนะนำเฉพาะก่อนการใช้งาน  
หลีกเลี่ยงการสัมผัสหรือหายใจรับสาร  
สวมชุดป้องกันสารเคมี ถุงมือสารเคมี แวนครอบตา  
บริเวณใช้งาน ควรมีระบบระบายอากาศที่ดี  
ห้ามปล่อยสารออกสู่สิ่งแวดล้อมหรือแหล่งน้ำ

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท :

ไม่มีข้อมูล

### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Sodium hypochlorite	7681-52-9	≥ 10
Sodium Chloride	7647-14-5	< 12
Sodium Hydroxide	1310-73-2	<1.5
Water	7732-18-5	76



#### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	ให้อ้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์ หากหายใจไม่สะดวกให้ใช้อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที
เมื่อสัมผัสกับผิวหนัง :	ถอดเสื้อผ้าที่ปนเปื้อนออก ล้างออกด้วยน้ำปริมาณมาก อย่างน้อย 20 นาที
เมื่อสัมผัสดวงตา :	ล้างด้วยน้ำปริมาณมาก ถอดคอนแทกเลนส์ออก เปิดเปลือกตาให้กว้างให้น้ำไหลผ่าน
เมื่อกลืนกิน :	บ้วนปาก ห้ามทำให้อาเจียน นำส่งแพทย์ทันที

#### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	น้ำ คาร์บอนไดออกไซด์ โฟม และผงเคมีแห้ง
อันตรายที่เกิดจากสารเคมีที่ไหม้ไฟ :	เมื่อไม่ลุกติดไฟ แต่ความร้อน จะทำให้เกิดการสลายตัว ให้ออกซิเจนและก๊าซคลอรีน
การป้องกันสำหรับเจ้าหน้าที่ดับเพลิง :	สวมชุดดับเพลิง สวมหน้ากากป้องกันการหายใจชนิดถึงอากาศให้ฉีดน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ
NFPA :	HMIS rating :



ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิษ	ออกซิไดซ์

#### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อระวังส่วนบุคคล :	อพยพคนออกจากบริเวณที่สารรั่วไหล ห้ามสัมผัสสารเคมีโดยตรง ห้ามสูดดมเอาละอองไอเข้าสู่ร่างกาย
อุปกรณ์ป้องกันอันตราย :	สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจ และถุงมือป้องกันสารเคมี
ข้อควรระวังด้านสิ่งแวดล้อม :	กั้นบริเวณเพื่อป้องกันไม่ให้แพร่กระจายสู่ดิน น้ำ หรือสิ่งแวดล้อม
ขั้นตอนปฏิบัติงานฉุกเฉิน :	สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจชนิดแบบมีไส้กรองก๊าซคลอรีน เว้นรอบตาหรือกระบังหน้า ให้ระบายอากาศในบริเวณที่มีการรั่วไหล ใช้อุปกรณ์ดักสารเคมีบนเบื่อนที่เป็นพลาสติก จัดเตรียมถุงและถังพลาสติก(แบบมีฝาปิด) นำสารเคมีบนเบื่อนใส่ถุงพลาสติกปิดรัดถุงแล้วใส่ลงถังพลาสติกปิดฝา แล้วใช้เทปผ้าพันปิดที่ขอบฝาดัง ติดป้ายที่ถัง "สารเคมีบนเบื่อนจากอุบัติเหตุ" นำไปกำจัดตามข้อกำหนด

#### หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่ายเคลื่อนย้าย ใช้กันอย่างปลอดภัย :	หลีกเลี่ยงการสัมผัสกับสารเป็นเวลานาน จัดระบบการระบายอากาศที่เพียงพอในบริเวณใช้งาน
การจัดเก็บ :	ปิดภาชนะให้สนิท เก็บในบริเวณที่ระบายอากาศได้ดี เก็บในที่แห้ง เก็บให้ห่างจากความร้อนแสงแดด สารนี้สามารถทำปฏิกิริยารุนแรงกับกรดทุกชนิด และสารเคมีที่มีความเป็นกรดและสาร รีดิวซ์ซิง



## หัวข้อที่ 8: การควบคุมการสัมผัสและการป้องกันภัยส่วนบุคคล

PEL-C	2 mg/m <sup>3</sup> (OSHA)
PEL-TWA	0.5 mg/m <sup>3</sup> (OSHA 1996)
TVL-STEL	1 mg/kg (ACGIH 2010)

การควบคุมทางวิศวกรรมที่เหมาะสม:

จัดให้มีระบบระบายอากาศที่เพียงพอ  
ติดตั้งระบบดูดอากาศเฉพาะที่  
ป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี)  
การป้องกันระบบหายใจ สวมหน้ากากป้องกันไอสารเคมี (หน้ากากกันก๊าซคลอรีน)  
แว่นตานิรภัยหรือแว่นครอบตา  
ชุดกันสารเคมี  
กระบังหน้า

ข้อควรปฏิบัติ:

เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี  
ล้างมือและหน้าหลังจากทำงานกับสาร  
ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะที่ปรากฏ :	ของเหลวใส สีเหลืองอมเขียว
กลิ่น :	กลิ่นฉุน
ระดับค่าขีดจำกัดของกลิ่น :	0.77 ppm
ค่าความเป็นกรด-ด่าง (pH) :	10.8-13.0
จุดหลอมเหลว/จุดเยือกแข็ง :	-19.4°C
อุณหภูมิจุดเริ่มเดือดและช่วงอุณหภูมิเดือด :	111°C
จุดวาบไฟ :	ไม่ติดไฟ
อัตราการระเหย:	ไม่มีข้อมูล
ความสามารถในการลุกติดไฟได้:	ไม่ติดไฟ
ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟ หรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (% , v/v):	ขีดล่าง ไม่มีข้อมูล ขีดบน ไม่มีข้อมูล
ความดันไอ :	17.5 มม.ปรอท ที่อุณหภูมิ 20 °C
ความหนาแน่นไอ (อากาศ=1) :	ไม่มีข้อมูล
ความหนาแน่นสัมพัทธ์ (น้ำ=1) :	1.2 ที่อุณหภูมิ 15 °C
ความสามารถในการละลายได้:	ละลายน้ำได้ดี
สัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (Log K <sub>ow</sub> )	ไม่มีข้อมูล
อุณหภูมิที่ติดไฟได้เอง:	ไม่ติดไฟ
อุณหภูมิของการสลายตัว:	ไม่มีข้อมูล
ความหนืด:	2.6cP ที่อุณหภูมิ 20 °C

## หัวข้อที่ 10: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน:	LD <sub>50</sub> (หนูพุก ทางปาก): >5,000 มิลลิกรัม/กิโลกรัม LD <sub>50</sub> (หนูพุก ทางหายใจ): >10,500 มิลลิกรัม/กิโลกรัม LD <sub>50</sub> (กระต่าย ทางผิวหนัง): >10,000 มิลลิกรัม/กิโลกรัม
การหายใจเข้าไป:	ทำให้ไอ แสบคอ หายใจถี่ หายใจลำบาก
การสัมผัสทางผิวหนัง:	ผิวหนังไหม้อย่างรุนแรง เจ็บปวด แผลพุพอง
การสัมผัสทางดวงตา:	ตาไหม้อย่างรุนแรง และตาบอดได้
การกลืนกิน:	แสบร้อนปาก คอ และหน้าอก ปวดท้อง คลื่นไส้ อาเจียร หดสติ
อาการที่ปรากฏ:	ไอ แสบคอ หายใจถี่ ปวดศีรษะ ปวดบวม น้ำ กล้ามเนื้อหดเกร็ง กล้องเสียงอักเสบ อ่อนเพลีย
ผลกระทบเฉียบพลัน:	กักร่อนดวงตา ผิวหนังและทางเดินหายใจ ทำให้ปวดบวม น้ำ
ผลกระทบเรื้อรัง:	ทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง ทำให้หลอดลมอักเสบ เป็นผลให้มีเสมหะ ไอ หายใจถี่



## หัวข้อที่ 11: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	ทำปฏิกิริยารุนแรงหรือระเบิดกับกรดแก่ Acid compounds ( Aluminium Chloride, Ferric Chloride, Alum) Acid Based cleaning compounds (Brick, Concrete cleaners) Ammonia Compounds (Ammonium chloride, Ammonium Hydroxide, Ammonium salt) จะปล่อยก๊าซ chlorine และก๊าซอื่นๆที่เป็นพิษ ทำปฏิกิริยารุนแรงกับสารอินทรีย์ (เช่น สารละลาย เชื้อเพลิง แอลกอฮอล์ สารฆ่าแมลง และ Glycols) Amines, Organic Polymers ก่อให้เกิด Chlorine, Chlorinated Organic Compounds และสารที่ระเบิดได้ สารรีดิวซ์ (เช่น Sodium Bisulfite, Sodium Thiosulfate) จะให้ความร้อน เสถียรภายใต้อุณหภูมิปกติ
ความเสถียรทางเคมี:	
วัสดุที่เข้ากันไม่ได้:	Hydrogen Peroxide สารรีดิวซ์ โลหะ(ทองแดง นิกเกิล โคบอล และเหล็ก) ห้ามใช้อุปกรณ์ทำด้วย Stainless Steel, Aluminum, Carbon Steel เพราะจะให้ออกซิเจนซึ่งจะทำให้ภาชนะฉีกขาด ก๊าซออกซิเจน และก๊าซคลอรีน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย:	ก๊าซออกซิเจน และก๊าซคลอรีน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตรายเมื่อสัมผัสกับน้ำ :	ไม่มีข้อมูล
ผลิตภัณฑ์จากกาเผาไหม้:	ไม่มีข้อมูล

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษต่อระบบนิเวศ :	ความเป็นพิษต่อปลา Chupea harengus LC <sub>50</sub> : 0.065 มิลลิกรัม/ลิตร/96 ชั่วโมง ความเป็นพิษต่อปลา Crustacea Daphnia magna EC50 : 0.032 มิลลิกรัม/ลิตร/48 ชั่วโมง ความเป็นพิษต่อสาหร่าย Gracilaria tenuistipitata Red algae EC50 : 46 มิลลิกรัม/ลิตร/96 ชั่วโมง
ความคงอยู่นานและความสามารถในการย่อยสลายทางชีวภาพ :	ย่อยสลายทางชีวภาพได้อย่างรวดเร็ว
ศักยภาพและการสะสมทางชีวภาพ :	ไม่สะสมทางชีวภาพ
การเคลื่อนย้ายในดิน :	ไม่มีข้อมูล
ผลกระทบในทางเสียหายนอื่น ๆ :	ไม่มีข้อมูล

## หัวข้อที่ 13: มาตรการการกำจัด

วิธีการกำจัด :	ใช้น้ำทำความสะอาดและทำให้เป็นกลางด้วย โซเดียมไฮดรอกไซด์หรือโซเดียมไฮดรอกไซด์ไฟท์หรือโซเดียมไฮดรอกไซด์ไฟท์
บรรจุภัณฑ์ :	ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN Number :	1791
ชื่อที่ถูกต้องในการขนส่ง :	Hypochlorite Solution
ประเภทความเป็นอันตรายสำหรับการขนส่ง :	8
กลุ่มบรรจุภัณฑ์ :	II
การติดฉลาก:	



มลภาวะทางทะเล :	ไม่มีข้อมูล
การขนส่งด้วยภาชนะขนาดใหญ่	L4BN
ข้อควรระวังพิเศษ :	ไม่มีข้อมูล



#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

กฎหมาย/ข้อบังคับของประเทศไทย

พระราชบัญญัติวัดอันตราย พ.ศ. 2535 ประเภทวัดอันตราย: ชนิดที่1  
(กรมโรงงานอุตสาหกรรม กรมประมง สำนักงานคณะกรรมการอาหารและยา )

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

10 สิงหาคม 2562



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอโทรนอย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## Hydrochloric Acid (HCl)

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :

กรดไฮโดรคลอริก

การใช้ประโยชน์

ปรับแต่งคุณภาพน้ำ

ชื่อผู้ผลิต/ผู้จำหน่าย:

ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย

อำเภอ โทรนอย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710

หมายเลขโทรศัพท์ฉุกเฉิน :

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทตามระบบ GHS :

การกัดกร่อน/การระคายเคืองต่อผิวหนัง ประเภทย่อย 1

การทำลายดวงตาอย่างรุนแรงและการระคายเคืองต่อดวงตา ประเภทย่อย 2A

การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง ประเภทย่อย 1

ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการรับสัมผัส

ครั้งเดียว (ระบบประสาท ระบบทางเดินหายใจ) ประเภทย่อย 1

ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการรับสัมผัส

ซ้ำ (ตับ อวัยวะรับกลืน ระบบทางเดินหายใจ) ประเภทย่อย 1

ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ ประเภทย่อย 1

องค์ประกอบฉลาก :



คำสัญญาณ :

ระวัง

ข้อความแสดงความเป็นอันตราย :

อันตรายต่อระบบทางเดินหายใจ

อันตรายต่อผิวหนังอย่างรุนแรงและทำลายดวงตา

อันตรายต่อสิ่งมีชีวิตในน้ำ

ทำให้เกิดการแพ้ที่ผิวหนัง

ข้อความแสดงข้อควรระวัง :

ควรได้รับคำแนะนำเฉพาะก่อนการใช้งาน

หลีกเลี่ยงการสัมผัสหรือหายใจรับสาร

สวมใส่หน้ากากป้องกันก๊าซ ชุดป้องกันสารเคมี ถุงมือกันสารเคมี แวนครอบตา รองเท้า

บริเวณใช้งาน ควรมีระบบระบายอากาศที่ดี

ห้ามปล่อยสารออกสู่สิ่งแวดล้อมหรือแหล่งน้ำ

ห้ามใช้งานหากยังไม่ได้อ่านหรือเข้าใจข้อควรระวังด้านความปลอดภัย

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท:

ไม่มีข้อมูล

### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Hydrochloric Acid	7647-01-0	35 %
Water	7732-18-5	65 %



#### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	ให้ย้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์ หากหายใจไม่สะดวกให้ใช้อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที
เมื่อสัมผัสกับผิวหนัง :	ถอดเสื้อผ้าที่ปนเปื้อนออก ล้างออกด้วยน้ำปริมาณมาก อย่างน้อย 20 นาที
เมื่อสัมผัสดวงตา :	ล้างด้วยน้ำปริมาณมาก ถอดคอนแทคเลนส์ออก เปิดเปลือกตาให้กว้างให้น้ำไหลผ่าน
เมื่อกลืนกิน :	บ้วนปาก ห้ามทำให้อาเจียน นำส่งแพทย์ทันที

#### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	ให้ใช้สารดับเพลิงให้เหมาะสมกับเพลิงไหม้ที่เกิดบริเวณรอบๆ
อันตรายที่เกิดจากสารเคมีที่ไหม้ไฟ :	เมื่อสัมผัสโลหะจะให้แก๊สไฮโดรเจน ซึ่งอาจจะระเบิดได้
การป้องกันสำหรับเจ้าหน้าที่ดับเพลิง :	สวมชุดผจญเพลิง ชุดป้องกันสารเคมี สวมหน้ากากป้องกันการหายใจชนิดมีถังอัดอากาศ (SCBA) ฉีดน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ ห้ามฉีดน้ำไปยังภาชนะโดยตรง
NFPA :	HMIS rating :



ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	1
ข้อมูลพิเศษ	ออกซิไดซ์

#### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อระวังส่วนบุคคล :	อพยพคนออกจากบริเวณที่สารหกตรศ ควรอยู่ในทิศทางเหนือลม ห้ามสัมผัสสารเคมีโดยตรง ห้ามสูดดมเอาไอสารเข้าไป ให้กั้นแยกพื้นที่อันตรายและควบคุมบุคคลที่มีอุปกรณ์ป้องกันผ่านเข้าออกได้เท่านั้น จัดให้มีการระบายอากาศอย่างเพียงพอ การเข้าพื้นที่ต้องเข้าไปในทิศทางเหนือลม ห้ามสัมผัสวัตถุปนเปื้อน
อุปกรณ์ป้องกันอันตราย :	สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจ และถุงมือป้องกันสารเคมี
ข้อควรระวังด้านสิ่งแวดล้อม :	กั้นบริเวณเพื่อป้องกันไม่ให้แพร่กระจายสู่ดิน น้ำ หรือสิ่งแวดล้อม
ขั้นตอนปฏิบัติงานฉุกเฉิน :	สวมชุดป้องกันสารเคมี อุปกรณ์ป้องกันระบบหายใจชนิดแบบมีไส้กรองสารเคมี ประเภทกรอง ไอกรด ให้ระบายอากาศในบริเวณที่เกิดเหตุ ใช้อุปกรณ์ดักสารเคมีปนเปื้อนที่เป็นพลาสติก จัดเตรียมถุงและถังพลาสติก (แบบมีฝาปิด) นำสารเคมีปนเปื้อนใส่ถุงพลาสติกปิดรัดถุงแล้วใส่ลงถังพลาสติกปิดฝาแล้วใช้เทปผ้าพันปิดที่ ขอบฝาถังติดป้ายที่ถึง "สารเคมีปนเปื้อนจากอุบัติเหตุ" นำไปกำจัดตามข้อกำหนด

#### หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่ายเคลื่อนย้าย ใช้กันอย่างปลอดภัย :	ภาชนะประเภทบรรจุภัณฑ์ที่ขนย้ายต้องแข็งแรง ปิดสนิท มีฉลากกำกับ จัดระบบระบายอากาศที่เพียงพอในบริเวณใช้งาน ป้องกันละอองไอของกรดในบริเวณทำงาน หลีกเลี่ยงการสูดดม และการสัมผัสโดยตรง
การจัดเก็บ :	ปิดภาชนะให้สนิท เก็บในบริเวณที่ระบายอากาศได้ดี เก็บในที่แห้ง ห่างจากสารที่ อาจเกิดปฏิกิริยา เก็บให้ห่างจากความร้อน ความชื้น สารออกซิไดซ์ โลหะ แอลกอฮอล์ กรด โซดาไฟด์ ซัลไฟด์ ภาชนะบรรจุเป็นวัสดุทนการกัดกร่อน ห้ามรับประทานอาหาร เครื่องดื่ม ในบริเวณพื้นที่ใช้สาร
ข้อควรระวังด้านสิ่งแวดล้อม :	ห้ามให้สารปนเปื้อนสิ่งแวดล้อม



## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

PEL-C 5 mg/m<sup>3</sup> (NIOSH 2010/OSHA 2010)

PEL-TWA 2 mg/m<sup>3</sup>

TVL-STEL 0.5 mg/kg (ACGIH 2010)

การควบคุมทางวิศวกรรมที่เหมาะสม:

จัดให้มีการระบายอากาศที่เพียงพอ

ติดตั้งระบบดูดอากาศเฉพาะที่

ออกแบบให้เป็นระบบปิด ป้องกันไอสารเคมี

อุปกรณ์ป้องกันภัยส่วนบุคคล:

ป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี)

การป้องกันระบบหายใจ สวมหน้ากากป้องกันไอสารเคมี (หน้ากากกันก๊าซคลอรีน)

แว่นตานิรภัยหรือแว่นครอบตา

ชุดกันสารเคมี

กระบังหน้า

ข้อควรปฏิบัติ:

เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี

ล้างมือและหน้าหลังจากทำงานกับสาร

ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะที่ปรากฏ :

ของเหลวใส ไม่มีสี

กลิ่น :

กลิ่นฉุน

ระดับค่าขีดจำกัดของกลิ่น :

ไม่มีข้อมูล

ค่าความเป็นกรด-ด่าง (pH) :

<0

จุดหลอมเหลว/จุดเยือกแข็ง :

-20 ถึง -30 °C

อุณหภูมิจุดเริ่มเดือดและช่วงอุณหภูมิเดือด :

63.8 °C ที่ 101.3 kPa

จุดวาบไฟ :

ไม่ติดไฟ

อัตราการระเหย:

<1

ความสามารถในการลุกติดไฟได้:

ไม่ติดไฟ

ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟ หรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (% , v/v):

ขีดล่าง ไม่มีข้อมูล

ขีดบน ไม่มีข้อมูล

ความดันไอ :

100 มม.ปรอท (13.3 kPa) ที่อุณหภูมิ 20 °C

ความหนาแน่นไอ (อากาศ=1) :

1.27

ความหนาแน่นสัมพัทธ์ (น้ำ=1) :

1.18 ที่อุณหภูมิ 30 °C

ความสามารถในการละลายได้:

ละลายน้ำได้ดี

สัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (Log K<sub>ow</sub>) ไม่มีข้อมูล

อุณหภูมิที่ติดไฟได้เอง:

ไม่ติดไฟ

อุณหภูมิของการสลายตัว:

ไม่มีข้อมูล

ความหนืด:

1.9 cP ที่อุณหภูมิ 20 °C (0.0148 mPa)

## หัวข้อที่ 10: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน:

LD<sub>50</sub> (กระต่าย ทางปาก): 900 มิลลิกรัม/กิโลกรัม

LD<sub>50</sub> (หนูพุก ทางหายใจ): 8,300 มิลลิกรัม/ลูกบาศก์เมตร

การหายใจเข้าไป:

ระคายเคืองจมูก คอ ปอด ไอ เจ็บคอ หายใจถี่ แผลไหม้ของเยื่อเมือกทำให้ปอดบวม

สารนี้ทำให้เนื้อเยื่อและบริเวณทางเดินหายใจส่วนบน ถูกทำลายอย่างรุนแรง

การสัมผัสทางผิวหนัง:

เป็นแผลไหม้ อาจเป็นอันตรายหากถูกดูดซึมทางผิวหนัง

การสัมผัสทางดวงตา:

ระคายเคืองดวงตา ดวงตาไหม้อย่างรุนแรง

การกลืนกิน:

แสบร้อนปาก คอ และหน้าอก ปวดท้อง คลื่นไส้ อาเจียน ท้องเสีย

อาการที่ปรากฏ:

คลื่นไส้ อาเจียน ปวดศีรษะ ง่วงซึม ผิวหนังอักเสบ

ผลกระทบเฉียบพลัน:

ไม่มีข้อมูล

ผลกระทบเรื้อรัง:

ไม่มีข้อมูล



## หัวข้อที่ 11: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	ทำปฏิกิริยารุนแรงและก่อให้เกิดระเบิด กับ Acetylene, Ether, Fluorine compounds, Turpentine, Alcohols, Ammonia ต่างแก่ (เช่น Sodium Hydroxide, Potassium Hydroxide)
ความเสถียรทางเคมี :	เสถียรภายใต้อุณหภูมิและความดันปกติ ของการใช้และการเก็บ
ความเป็นไปได้ในการเกิดปฏิกิริยาอันตราย :	ความร้อน ความชื้น แสงแดด พื้นที่ที่มีประกายไฟ
สภาวะที่ควรหลีกเลี่ยง :	โลหะ เมื่อสัมผัสแล้วจะให้แก๊สไฮโดรเจน ที่อาจจะระเบิดได้ วัตถุออกซิไดซ์ วัตถุรีดิวซ์ ต่าง
วัสดุที่เข้ากันไม่ได้ :	ไฮโดรเจนคลอไรด์, คลอรีน, แก๊สไฮโดรเจน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตรายเมื่อสัมผัสน้ำ :	ไม่มีข้อมูล
ผลิตภัณฑ์จากการเผาไหม้ :	ไม่มีข้อมูล
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	ไม่มีข้อมูล

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษต่อระบบนิเวศ :	ความเป็นพิษต่อปลา Mosquito fish $LC_{50}$ : 282 มิลลิกรัม/ลิตร/96 ชั่วโมง ความเป็นพิษต่อ Crustacea Daphnia magna $EC_{50}$ : 0.492 มิลลิกรัม/ลิตร/48 ชั่วโมง
ความคงอยู่นานและความสามารถในการย่อยสลายทางชีวภาพ :	สารนี้ไม่สามารถย่อยสลายทางชีวภาพ
ศักยภาพและการสะสมทางชีวภาพ :	ไม่สะสมทางชีวภาพ
การเคลื่อนย้ายในดิน :	ไม่มีข้อมูล
ผลกระทบในทางเสียหายนอื่น ๆ:	สารนี้เป็นพิษมากต่อสิ่งมีชีวิตในน้ำ

## หัวข้อที่ 13: มาตรการการกำจัด

วิธีการกำจัด :	ใช้น้ำทำความสะอาดและทำให้เป็นกลางด้วย โซเดียมคาร์บอเนต หรือปูนขาว
บรรจุภัณฑ์ :	ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN Number :	1789
ชื่อที่ถูกต้องในการขนส่ง :	Hydrochloric Acid
ประเภทความเป็นอันตรายสำหรับการขนส่ง :	8
กลุ่มบรรจุภัณฑ์ :	II
การติดฉลาก:	



มลภาวะทางทะเล :	ไม่มีข้อมูล
การขนส่งด้วยภาชนะขนาดใหญ่	แท้จริงมาตรฐาน L4BN
ข้อควรระวังพิเศษ :	ไม่มีข้อมูล

## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

กฎหมาย/ข้อบังคับของประเทศไทย	พระราชบัญญัติวัตถุอันตราย พ.ศ. 2535 ประเภทวัตถุอันตราย: ชนิดที่ 3 (กรมโรงงานอุตสาหกรรม กรมประมง สำนักงานคณะกรรมการอาหารและยา) ประกาศกระทรวงอุตสาหกรรมเรื่องการขนส่งวัตถุอันตรายทางบก พ.ศ. 2546 ประกาศกรมการขนส่งทางบก เรื่องการติดป้ายอักษรภาพและเครื่องหมายของรถบรรทุกวัตถุอันตราย พ.ศ. 2543
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จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

2 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรน่อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรน่อย อำเภอโทรน่อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## 50% Sulfuric acid ( $H_2SO_4$ )

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	50% Sulfuric acid
การใช้ประโยชน์	ปรับสภาพความเป็นกรด-ด่าง
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรน่อย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรน่อย อำเภอ โทรน่อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทตามระบบ GHS :

ความเป็นอันตรายต่อสุขภาพ :

ความเป็นพิษเฉียบพลัน  
ทางปาก กลุ่มที่ 5- ระวัง  
ทางการหายใจ กลุ่มที่ 2-อันตราย  
การกัดกร่อน/ระคายเคืองต่อดวงตา กลุ่มที่ 1-อันตราย  
การกัดกร่อน/ระคายเคืองต่อผิวหนัง กลุ่มที่ 1-อันตราย  
การก่อมะเร็ง กลุ่มที่ 1-อันตราย  
ความเป็นพิษต่ออวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการสัมผัสครั้งเดียว กลุ่มที่ 1-อันตราย  
ความเป็นพิษต่ออวัยวะเป้าหมายเฉพาะเจาะจงจากการรับซ้ำ กลุ่มที่ 1-อันตราย  
ความเป็นอันตรายต่อสิ่งแวดล้อมทางน้ำ กลุ่มที่ 3

ความเป็นอันตรายต่อสิ่งแวดล้อม :

องค์ประกอบฉลาก :



คำสัญญาณ :

ข้อความแสดงความเป็นอันตราย :

อันตราย  
อาจเป็นอันตรายเมื่อกลืนกิน  
เป็นอันตรายถึงตายได้ ถ้าหายใจเข้าไป (ละออง)  
ทำให้ผิวหนังไหม้อย่างรุนแรงและทำลายดวงตาอย่างรุนแรง  
อาจก่อให้เกิดมะเร็ง (การหายใจ)  
อันตรายต่อสิ่งมีชีวิตในน้ำ



## หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

ข้อความแสดงข้อควรระวัง :

ห้ามหายใจละอองไอของสารเข้าไป

สวมชุดและอุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล

กรดซัลฟิวริกเมื่อเกิดกร่อนโลหะจะทำให้ก๊าซไฮโดรเจนที่เป็นสารไวไฟ

เก็บให้ห่างจากสารที่เข้ากันไม่ได้

รหัสแสดงความเสี่ยง (Risk-Phrases) :

R35 เกิดแผลไหม้รุนแรงได้

รหัสแสดงความปลอดภัย (Safety-Phrases) :

S1/2 เก็บในสถานที่ปิดสนิท และพ้นจากเด็ก

S26 กรณีที่สารเข้าตาให้ล้างออกทันทีด้วยน้ำปริมาณมากและพบแพทย์

S30 ห้ามเติมน้ำลงในสารนี้

S45 กรณีเกิดอุบัติเหตุ หรือ รู้สึกไม่สบายให้พบแพทย์ทันที (นำฉลากของสารไปด้วย)

## หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Sulfuric acid	7664-93-9	50.0
Water	7789-20-0	50.0

## หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :

ให้เคลื่อนย้ายไปที่ที่มีอากาศบริสุทธิ์ แล้วรีบนำส่งแพทย์

เมื่อสัมผัสกับผิวหนัง :

ถอดเสื้อผ้าที่ปนเปื้อนออก ขำระล้างผิวหนังด้วยน้ำไหลผ่านปริมาณมากๆ  
รีบนำส่งแพทย์

เมื่อสัมผัสดวงตา :

ล้างตาทันทีด้วยน้ำปริมาณมาก ๆ รีบนำส่งแพทย์

เมื่อกลืนกิน :

ใช้น้ำบ้วนปาก ห้ามให้อาเจียน รีบนำส่งแพทย์

## หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :

เมื่อเพลิงไหม้ไม่ควรใช้น้ำดับไฟโดยตรง ให้น้ำฉีดเป็นฝอยหรือใช้  
คาร์บอนไดออกไซด์หรือผงเคมีแห้ง

อันตรายที่เกิดจากสารเคมีที่ไหม้ไฟ :

คาร์บอนไดออกไซด์ใช้พ่นลงไปที่ไฟ

การป้องกันสำหรับเจ้าหน้าที่ดับเพลิง :

ซิลิโคนไดออกไซด์ที่เป็นก๊าซพิษ

NFPA :

สวมอุปกรณ์คุ้มครองความปลอดภัยที่เหมาะสม

HMIS rating:



ความไวไฟ	0
สุขภาพ	4
การเกิดปฏิกิริยาเคมี	1
ข้อมูลพิเศษ	ทำปฏิกิริยาอย่างรุนแรงกับน้ำ

## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อระวังส่วนบุคคล :

ห้ามสูดดมไอระเหย ละอองไอ และไม่ควรสัมผัสกับสาร

อุปกรณ์ป้องกันอันตราย :

สวมชุดป้องกันที่ครอบตา หน้ากาก หมวกนิรภัยพร้อมกระบังหน้า ถุงมือ  
และรองเท้านิรภัยที่ป้องกันกรดซัลฟิวริก

ข้อควรระวังด้านสิ่งแวดล้อม :

กั้นบริเวณเพื่อป้องกันไม่ให้แพร่กระจายสู่ดิน น้ำ หรือสิ่งแวดล้อม



## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล (ต่อ)

ขั้นตอนปฏิบัติงานฉุกเฉิน :

สวมอุปกรณ์ป้องกันอันตรายที่ทนต่อการกัดกร่อนกรดซัลฟิวริก เมื่อเกิดเหตุฉุกเฉิน และถ้าไม่ทราบความเข้มข้นของสารให้ใช้ SCBA  
ควบคุมหรือจำกัดบริเวณที่สารหกรั่วไหล / กั้นบริเวณเพื่อป้องกันคนไม่ให้ได้รับอันตราย และอพยพคนออกจากบริเวณที่เกิดเหตุไปในทิศทางเหนือลม  
ทำให้เป็นกลางโดยใช้สารเคมีประเภทต่าง เช่น ปูนขาว หินปูน เป็นต้น  
นำไปบำบัดหรือฝังกลบตามกฎหมาย/พื้นฟูสภาพและตรวจติดตามสิ่งแวดล้อม

วิธีการและวัสดุ สำหรับกักเก็บและทำความสะอาด (Cleaning up) :

กักเก็บกรดซัลฟิวริกที่หกรั่วไหล หรือสารเคมีที่บำบัดแล้วในภาชนะที่ปิดมิดชิด และวัสดุของภาชนะทนต่อการกัดกร่อนของกรดซัลฟิวริกหรือสารเคมีที่ได้จากการบำบัดได้

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

การใช้งาน :

ให้สวมชุดป้องกัน หน้ากาก แว่นตา รองเท้า และถุงมือชนิดที่ทนต่อการกัดกร่อน ของกรดซัลฟิวริกได้

ให้ทำการล้างมือทุกครั้งที่มีการสัมผัสกรดซัลฟิวริก

การจัดเก็บ :

เก็บในบริเวณที่เย็น แห้ง และมีการระบายอากาศเพียงพอ เก็บห่างจากความร้อน ความชื้น และสารที่เข้ากันไม่ได้

เก็บในภาชนะบรรจุที่ปิดมิดชิด ป้องกันการเสียหายทางกายภาพ

## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

ACGIH(TLV)	1 mg/m <sup>3</sup> (TWA), 3mg/m <sup>3</sup> (STEL)
OSHA(PEL)	1 mg/m <sup>3</sup> (TWA)
NIOSH	1 mg/m <sup>3</sup> (TWA), 3mg/m <sup>3</sup> (IDLH)
LD <sub>50</sub>	2,140 mg/kg (oral rat)

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะที่ปรากฏ :	ของเหลว ลักษณะคล้ายน้ำมัน ไม่มีสีจนถึงสีน้ำตาลอ่อน
กลิ่น :	ไม่มีกลิ่น
น้ำหนักโมเลกุล :	98.5
ค่าความเป็นกรด-ด่าง (pH) :	1
จุดหลอมเหลว/จุดเยือกแข็ง :	-35 °C
อุณหภูมิจุดเริ่มเดือดและช่วงอุณหภูมิเดือด :	27°C -340°C
จุดวาบไฟ :	ไม่มีข้อมูล
อุณหภูมิที่สูงติดไฟได้ :	ไม่มีข้อมูล
ขีดจำกัดการระเบิด :	ขีดจำกัดล่าง (LEL)= ไม่มีข้อมูล ขีดจำกัดบน (UEL) =ไม่มีข้อมูล
ความหนาแน่นสัมพัทธ์ :	1.83/27 °C
ความสามารถในการละลาย :	ละลายน้ำได้ดี
ความดันไอ :	0.001 มม.ปรอท ที่อุณหภูมิ 20 °C
แรงดันไอ :	54.53 dynes/cm
ความหนืด :	28 cP ที่อุณหภูมิ 25 °C
สัมประสิทธิ์การแพร่กระจายในน้ำ :	1.97 x 10 <sup>-5</sup> cm <sup>2</sup> /sec



## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	ไม่มีข้อมูล
ความเสถียรทางเคมี :	มีความเสถียรภายใต้สภาพแวดล้อมปกติ
ความเป็นไปได้ในการเกิดปฏิกิริยาอันตราย :	ไม่เกิดปฏิกิริยา polymerization ที่อันตราย
สถานะที่ควรหลีกเลี่ยง :	หลีกเลี่ยงการสัมผัสกับความร้อน
วัสดุที่เข้ากันไม่ได้ :	ไม่มีข้อมูล
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	Hydrogen Chloride สารประกอบคลอรีน Oxide ของ aluminium

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน:	ไม่มีผลกระทบต่อสุขภาพ ถ้าการใช้งานได้ปฏิบัติตามเอกสารข้อมูล ความปลอดภัยและฉลาก
การกัดกร่อนผิวหนังและการระคายเคือง ผิวหนัง :	อาจเกิดการระคายเคือง การได้รับการสัมผัสซ้ำ อาจทำให้ผิวหนัง
การทำลายดวงตาอย่างรุนแรง/ระคายเคืองดวงตา :	อาจระคายเคืองต่อดวงตา
อาการแพ้ต่อระบบทางเดินหายใจและผิวหนัง :	การหายใจเอาไอ ฝุ่น หรือละอองของสารเข้าไป อาจทำให้เกิดการระคาย เคืองต่อทางเดินหายใจ
การก่อให้เกิดการกลายพันธุ์ของเซลล์สืบพันธุ์ :	ไม่มีข้อมูล
การก่อมะเร็ง :	ไม่อยู่ในบัญชีสารก่อมะเร็งของ NTP, IARC หรือ OSHA
ความเป็นพิษต่อระบบสืบพันธุ์ :	ไม่มีข้อมูล
ความเป็นพิษต่ออวัยวะเป้าหมาย-จากการสัมผัสครั้งเดียว :	ไม่มีข้อมูล
ความเป็นพิษต่ออวัยวะเป้าหมาย-จากการรับสัมผัสซ้ำ :	ไม่มีข้อมูล
ความเป็นอันตรายจากการสำลัก :	ไม่มีข้อมูล

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษต่อระบบนิเวศ :	หลีกเลี่ยงการปนเปื้อนทางดินน้ำ
ความคงอยู่นานและความสามารถในการย่อยสลายทาง	ไม่ย่อยสลายทางชีวภาพ
ศักยภาพและการสะสมทางชีวภาพ :	ไม่มีข้อมูล
การเคลื่อนย้ายในดิน :	ไม่มีข้อมูล
ผลกระทบในทางเสียหายนอื่น ๆ:	ไม่ทิ้งหรือปล่อยให้ไหลลงสู่ท่อระบายน้ำ

## หัวข้อที่ 13: มาตรการการกำจัด

วิธีการกำจัด :	ติดต่อขอคำแนะนำและรายละเอียดจากหน่วยงานที่ได้รับการรับรองแล้ว ปฏิบัติตามกฎหมายและข้อกำหนดของรัฐ รัฐบาลและท้องถิ่น
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## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

ไม่ได้ถูกจำแนกให้เป็นสินค้าอันตราย ภายใต้ ADG Code, IMDG Code และ IATA สำหรับการขนส่งทางถนน ทางรถไฟ ทางทะเล และทางอากาศ

หมายเลข UN Number :	2967 (SULPHAMIC ACID)
ชื่อที่ถูกต้องในการขนส่ง :	ไม่มีข้อมูล
ประเภทความเป็นอันตรายสำหรับการขนส่ง :	ไม่มีความเกี่ยวข้อง
กลุ่มบรรจุภัณฑ์ :	ไม่มีความเกี่ยวข้อง
มลภาวะทางทะเล :	ไม่มีมลภาวะทางทะเล
การขนส่งด้วยภาชนะขนาดใหญ่ ตาม Annex II MARPOL 73/78 and the IBC Code	ไม่มีความเกี่ยวข้อง
ข้อควรระวังพิเศษ :	ไม่มีความเกี่ยวข้อง



#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

ตามข้อมูลที่มีอยู่ สารเคมีนี้ไม่ได้ถูกจำแนกให้เป็นวัตถุอันตราย

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

2 มิถุนายน 2563



ADITYA BIRLA

# Safety Data Sheet

## SODIUM HYDROXIDE 50%

Update: 29<sup>th</sup> January 2022

### 1. Identification

#### Product Identifiers

Product name:

SODIUM HYDROXIDE 50%

Indication in other

CAS#:1310-73-2

EC/EINECS: 215-185-5

RTECS#: 011-002-00-6

UN#: 1824

EC Annex 1 Index #: 011-002-00-6

#### Manufacturer Info:

Aditya Birla Chemicals (Thailand) Co., Ltd (Chlor Alkali Division)

3 Soi G-2, Prakomsongkroard Rd, Tambol HuayPong Amphur Muang Rayong, Rayong 21150

- Tel. +66-3868-7356-9
- Fax +66-3868-5074
- Emergency contact number: +66-3868-7354 (Thailand)

### 2. Hazards Identification

#### GHS Classification of the substance or mixture

Acute toxicity (Oral)	Category 4
Acute toxicity (Dermal)	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity - single exposure (respiratory system )	Category 3
Hazardous to the aquatic environment (aquatic acute)	Category 3

#### Label elements



Signal word DANGER

#### Hazard statement(s)

- H302 harmful if swallowed
- H312 harmful in contact with skin
- H314 Causes severe skin burns and eye damage
- H318 Causes serious eye damage
- H335 May cause respiratory irritation
- H402 Harmful to aquatic life.

#### Precautionary statement(s)

- Wear protective gloves, respiratory and eye protection/face protection.
- P404+P233 Store in well-ventilated place. Keep container tightly closed.
- P273 Avoid release to the environment.
- P363 Wash contaminated clothing before reuse
- P305+P351 If in eyes, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
- P331 Do not induce vomiting
- P302+P361+P353 If on skin, Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Other hazards which do not result in classification – none

### 3. Composition/Information on Ingredients

#### Substances

Formula:

NaOH 50%

ADITYA BIRLA

ADITYA BIRLA

ADITYA BIRLA



ADITYA BIRLA

# Safety Data Sheet

## SODIUM HYDROXIDE 50%

Update: 20<sup>th</sup> January 2022

Molecular Weight: 40 g/mol

Component	CAS No	Wt. %
Sodium Hydroxide	1310-73-2	50
Water	7732-18-5	50

### 4. First Aid Measures

<b>Inhalation</b>	Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Skin contact</b>	Take off clothing and Wash plenty of water for at least 20 minutes. Get medical attention immediately.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, keeping eyelids open.
<b>Ingestion</b>	Gargle, Don't vomit. Get medical attention immediately.

### Most important symptoms and effects, both acute and delayed:

**If inhaled** : Cause severe irritation of mucous membranes of the nose throat, coughing and feeling of suffocation.

**Skin contact:** Cause serious burns, blistering and tissue destruction

**Eye contact:** Cause severe eye damage. Symptoms may include stinging, tearing, redness. Direct contact of the eyes will produce serious eye burns even blindness.

**If swallowed** : Ingestion of liquid sodium hydroxide may result in severe irritation or ulceration of the mouth, throat and digestive tract which may be displayed by nausea, pain, vomiting, and in severe cases, collapse, shock and death.

**Indication of any immediate medical attention and special treatment needed:** Health Monitoring, chest x-ray, vision.

### 5. Fire Fighting Measures

#### Suitable extinguishing media

Use extinguishing agent suitable for type of surrounding fire.

#### Unsuitable extinguishing media

None

#### Special protective equipment and precautions for fire-fighters

Wear full chemical resistant clothing with self-contained breathing apparatus for firefighting Use water to keep fire-exposed containers cool and continue until well after fire is out. If it is necessary to stop the flow of gas, use water spray to direct escaping gas away from men effecting the shut-off.

### 6. Accidental Release Measure

#### Personal precautions

- In event of leak or spill, keep upwind
- Evacuate personnel to safe areas.
- Avoid inhalation of vapors, gas
- Ensure adequate ventilation.
- Don't touch the substance.

#### Protective equipment

Wear face shield. Wear impervious protective clothing, including boots, gloves.

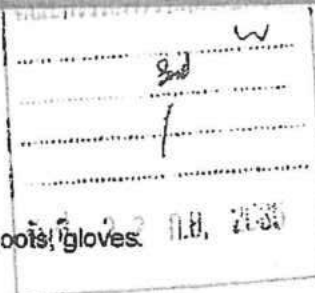
#### Environmental precautions

Do NOT let this chemical enter the environment.

#### Methods and materials for containment and cleaning up

Wear chemical protection suit

Use appropriate cleaning agent





ADITYA BIRLA



## Safety Data Sheet SODIUM HYDROXIDE 50%

Update: 29<sup>th</sup> January 2022

### 7. Handling and Storage

#### Precautions for safe handling

- Avoid contact with skin and eyes.
- Provide adequate ventilation during use.

#### Conditions for safe storage, including any Incompatibilities

- Store in corrosion proof storage

### 8. Exposure Controls/Personal Protection

#### Control parameters

IDLH	10 mg/m <sup>3</sup>	(NIOSH 2012)
REL - C	2mg/m <sup>3</sup> (5 min)	(NIOSH 2012)
PEL - TWA	2mg/m <sup>3</sup>	(OSHA 2012)
TLV - C	2mg/m <sup>3</sup>	(ACGIH 2012)

#### Appropriate engineering controls

- Ensure ventilation is adequate.

#### Personal protective equipment:

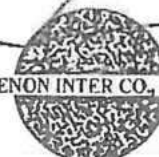
Hand Protection (Gloves for chemical protection)	Respiratory Protection (Toxic gas masks)	Eye Protection (Chemical protective goggles)
Body Protection (Chemical suit)	Face Protection (Face Shield)	

#### Work / Hygienic Practices:

- Wash contaminated clothing prior to reuse.
- Always wash hands before smoking, eating, drinking or using the toilet.
- Do not eat, drink, or smoke during work

### 9. Physical and Chemical Properties

1.) Appearance	Clear liquid, No color
2.) Odor	Not Applicable
3.) Odor Threshold	Data unavailable
4.) pH	>14
5.) Melting point/freezing point	10 °C
6.) Boiling point	143°C
7.) Flash point	Not Applicable
8.) Evaporation rate	Data unavailable
9.) Flammability (solid, gas)	Data unavailable
10.) Upper/lower flammability or explosive limits	Data unavailable
11.) Vapour pressure	1 mmHg (1.2 k Pa)@20°C
12.) Vapour density (Air =1)	1.2-1.5





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# Safety Data Sheet

## SODIUM HYDROXIDE 50%

Update: 29<sup>th</sup> January 2022

13.) Relative density	1.529 (15°C)
14.) Water solubility	Soluble
15.) Partition coefficient: n-octanol/water log Pow	Data unavailable
16.) Auto ignition temperature	Not Applicable
17.) Decomposition temperature	Data unavailable
18.) Viscosity	79 cP @ 20°C

### 10. Stability and Reactivity

#### Reactivity

- Reacts with strong acid (Hydrochloric, Sulfuric and Nitric acid).
- Reacts with metal cause hydrogen combustible and explosion.
- Reacts with Ammonium salts cause Ammonia.
- Reacts Sodium Hydrochloride cause Chlorine gas

**Chemical stability** Stable under normal ambient handling conditions.

**Possibility of hazardous reactions** Hazardous polymerization will not occur.

**Conditions to avoid** Moisture

#### Incompatible materials

Oxidising Agent, organic substance and metals.

#### Hazardous decomposition products

No data available

### 11. Toxicological Information

**Inhalation** : Irritation of respiratory tract, Cough, Dry/Sore throat, Shortness of breath, Wheezing and Labored breathing.

**Skin contact:** Redness, Burning sensation, Skin burns.

**Eye contact:** Causes watering of the eyes, Redness, Pain, and Burns.

**Ingestion:** Burns the gastric/intestinal mucosa, vomit, diarrhea and shock

#### Immediate effects

- Corrosive to the eyes, the skin and the respiratory tract.
- Corrosive on ingestion, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, feeling of suffocation.

#### Numerical measures of toxicity

##### Acute toxicity

LD<sub>50</sub> Dermal - rat 1,350 ppm

### 12. Ecological Information

#### Eco toxicity

**Fish** : Oncorhynchus mykiss (rainbow trout) LC<sub>50</sub>

**Crustacea:** Daphnia magna EC<sub>50</sub> :

#### Persistence and degradability

#### Bio-accumulative potential

#### Mobility in soil

#### Other adverse effects

45.4 mg/l - 96 h

40.38 mg/l - 48 h

Rapid degradability

not bio-accumulative

No data available / not

No data available



### 13. Disposal Considerations

#### Waste treatment methods



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## Safety Data Sheet SODIUM HYDROXIDE 50%

Update: 29<sup>th</sup> January 2022

Waste treatment should be managed in an appropriate and approved waste facility. Dispose of all contained and contaminated spill residue in accordance with local/regional/national/international regulations.

**Contaminated packaging**

Dispose of as unused product

**14. Transport Information**

<b>UN number</b>	1824
<b>UN proper shipping name</b>	SODIUM HYDROXIDE
<b>Transport hazard class (es)</b>	8
<b>Packaging group</b>	II
<b>ADR</b>	
• UN Number:	1824
• UN Proper Shipping Name:	SODIUM HYDROXIDE
• Transport Hazard Class (es)	
o Class:	8
• Packing Group:	II
• Environmental hazards:	no
• Special precautions for user:	No data available

**RID**

• UN Number:	1824
• UN Proper Shipping Name	SODIUM HYDROXIDE
• Transport Hazard Class (es)	
o Class:	8
• Packing Group:	II
• Environmental hazards:	no
• Special precautions for user:	No data available

**IMDG**

• UN Number:	1824
• UN Proper Shipping Name:	SODIUM HYDROXIDE
• Transport Hazard Class (es)	
o Class:	8
o EmS No.:	F-A,S-B
• Packing Group:	II

**IATA**

• UN Number:	1824
• Proper Shipping Name:	Sodium hydroxide
• Transport Hazard Class (es):	
o Class:	8
• Packing Group:	II
• Transport in bulk IBC Code:	IBC02

**15. Regulatory Information****Thailand Regulations:**

- Hazardous substances: List 2.1 type 1
- Hazardous Substances: (Ministry of Labor)
- Quantities of dangerous concentrations of chemicals (Ministry of Labor)

**International Laws and Regulations:**

CLP: Annex VI (CLP Regulation)

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## Safety Data Sheet SODIUM HYDROXIDE 50%



Update: 29<sup>th</sup> January 2022

NFPA: 704



GHS:



### 16. Other Information

1. The National Institute for Occupational Safety and Health(NIOSH):NIOSH Pocket Guide to Chemical Hazards<http://www.cdc.gov/niosh/npg/npgdcas.html>
2. United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG)
3. European chemical Substances Information System (ECB): ESIS, Annex VI  
<http://ecb.jrc.ec.europa.eu/esis/>  
<http://ecb.jrc.ec.europa.eu/classification-labelling/clp/ghs/search.php>
4. International Programme on Chemical Safety (IPCS): Chemical Safety Information from Intergovernmental Organizations (INCHEM) <http://www.inchem.org/>
5. United States National Library of Medicine: ChemIDplus Lite (ID PLUS)  
<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM>
6. New Jersey Department of Health (DOH)  
<http://web.doh.state.nj.us/rtkhsfs/qsearch.aspx>
7. International Uniform Chemical Information Database (IUCLID)  
<http://ecb.jrc.ec.europa.eu/esis/index.php?PGM=dat>
8. Hazardous Substances Data Bank (HSDB)  
<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>
9. NTP Study Reports Abstract for TR-392-Chlorinated Water (CAS Nos. 7782-50-5 and 7681-52-9)  
National Toxicology Program, Department of Health and Human Services, 1992  
<http://ntp.niehs.nih.gov/>
10. CRC Handbook of Chemistry and Physics 91st edition 2010-2011



*Ditya*

*ghom*





ADITYA BIRLA CHEMICALS (THAILAND) LTD. (CHLOR ALKALI DIVISION)  
Eastern Industrial Estate (Bang-Pu-Phut) 3 Sol G-2, Penhasongkro Road, Bang, Tambon Hinayong,  
Amphur Sotang, Rayong, Rayong - 21150, Thailand Tel: (6638) 67355-8, 685753-4



**CERTIFICATE OF ANALYSIS**  
**PRODUCT : SODIUM HYDROXIDE SOLUTION**

CUSTOMER		LABORATORY	
ชื่อผู้รับบริการ (Client) :	PRODUCTION	วันที่รับตัวอย่าง (Date):	05/09/2022
ที่อยู่ผู้รับบริการ (Address) :	ABCT	เวลาที่รับตัวอย่าง (Time):	08.00
หมายเลขโทรศัพท์ (Telephone) :	(014) 67356-9	วันที่ทดสอบ (Tested Date):	05/09/2022
จุดเก็บตัวอย่าง (Sampling point):	TANKFARM	วันที่ออกใบรายงานผล (Report Date):	05/09/2022
ผู้เก็บตัวอย่าง (Sampling by) :	TANKFARM OPERATOR	เลขที่ใบรายงานผล (Certificate No.):	290/22
	IN 580 ml. PLASTIC BOTTLE	จำนวนใบ (Page):	1
ถังเก็บ (Tank No.):	1803B	สภาพตัวอย่างเมื่อรับ (Appearance):	CLEAR LIQUID
เบ้าที่เก็บตัวอย่าง (Sample No.):	31/09		

S.NO.	Characteristics	Unit	Specification	Test method	Result
*1	SPECIFIC GRAVITY AT 30°C	-	1.514-1.523	WIM/CAU/PROD/001/A	1.517
2	SODIUM HYDROXIDE (NaOH)	% BY WT	49.50-50.50	TIS 150-2562 clause 7.3	50.04
*3	SODIUM CHLORIDE (NaCl)	% BY WT	MAX 0.03	WIM/CAU/PROD/001/B	0.0016
*4	SODIUM CARBONATE (Na <sub>2</sub> CO <sub>3</sub> )	% BY WT	MAX 0.20	TIS 150-2562 WIM/CAU/PROD/001/B	0.005
*5	SODIUM CHLORATE (NaClO <sub>3</sub> )	PPM	MAX 100	TIS 150-2562 WIM/CAU/PROD/001/D	30
*6	IRON (Fe)	% BY WT	MAX 0.001	ASTM E291-15 WIM/CAU/PROD/001/G	0.00020
*7	PERRIC OXIDE (Fe <sub>2</sub> O <sub>3</sub> )	% BY WT	MAX 0.002	ASTM E291-15 WIM/CAU/PROD/001/G	0.00023
*8	HEAVY METALS	mg/kg	MAX 5.0	ICP (WIM/CAU/PROD/001/L)	1.24
*9	ARSENIC (As)	mg/kg	MAX 0.5	ICP (WIM/CAU/PROD/001/L)	<0.001
*10	MERCURY (Hg)	mg/kg	MAX 0.05	ICP (WIM/CAU/PROD/001/L)	<0.001
*11	LEAD (Pb)	mg/kg	MAX 0.5	ICP (WIM/CAU/PROD/001/L)	<0.001

☒ ON SPEC

☐ OFF SPEC

Manufacturing Date : 05/09/2022

Expiry Date : 05/09/2023

Verified by

Approved by

SAMAIPOORN K.

BAMORN P.

( SAMAIPOORN K. )

( BAMORN P. )

Anal. Chief chemist/Supervisor/Senior chemist/Chemist

Manager/Asst. Chief chemist/Supervisor/Senior chemist/Chemist

Remark : 1. Reported test result refer to submitted sample only.

2. This report shall not be reproduced except in full with our prior approval of laboratory.

3. The reported results meet the specification after include the uncertainty

4. \* This is not covered under the scope of ISO/IEC 17025

FORM 11-110 (REV. 1/11/19) 1/1

LOT NO : 31/09  
MFG. : 05/09/22  
EXP. : 05/09/23



ADITYA BIRLA CHEMICALS (THAILAND) LTD.  
Signature: [Signature]



ADITYA BIRLA



เอกสารข้อมูลความปลอดภัย  
โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งสุดท้าย วันที่ : 26 มกราคม 2565

## 1. ข้อมูลเกี่ยวกับสารเคมีและบริษัทผู้ผลิต

## ตัวป้งซีพีผลิตภัณฑ์

ชื่อผลิตภัณฑ์ : โซดาไฟ, SODIUM HYDROXIDE 50% /

การป้งซีพีวิธีอื่นๆ : CAS# 1310-73-2 EC/EINECS: 215-185-5 RTECS# 011-002-00-6

UN/#: 1824 EC Index #: 011-002-00-6

ข้อแนะนำในการใช้สารเคมีและข้อห้ามต่างๆในการใช้ : เป็นต่างแก่

## รายละเอียดผู้ผลิต :

บริษัท อติดา เบอรัล เคมีคัลส์ (ประเทศไทย) จำกัด (คลอ อัสคาลี ดีวีซี) /

เลขที่ 3 ซ. จี-2 ถ.ปารณาส่งเคราะห์ราษฎร์ ตำบล ห้วยโป่ง อำเภอเมืองระยอง จังหวัดระยอง 21150

- โทรศัพท์ : +66-3868-7358-9
- โทรสาร : +66-3868-5074
- หมายเลขติดต่อฉุกเฉิน : +66-3868-7354 (ประเทศไทย)

## 2. การป้งซีพีความเป็นอันตราย

## การจำแนกประเภทสารเคมีหรือสารผสมตามระบบ GHS

ความเป็นพิษเฉียบพลัน (ทางปาก)	ประเภทย่อย 4
ความเป็นพิษเฉียบพลัน (ทางผิวหนัง)	ประเภทย่อย 4
การกัดกร่อน/การระคายเคืองต่อผิวหนัง	ประเภทย่อย 1
การทำลายดวงตาอย่างรุนแรง/การระคายเคืองต่อดวงตา	ประเภทย่อย 1
ความเป็นพิษต่อระบบหรืออวัยวะเป้าหมายเฉพาะจะจงจากการรับสัมผัสครั้งเดียว	
ระบบทางเดินหายใจ	ประเภทย่อย 3
ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ	ประเภทย่อย 3

## องค์ประกอบของฉลาก:



## คำสัญญาอันตราย

## ข้อความแสดงความเป็นอันตราย

H302 harmful if swallowed  
H312 harmful if contact with skin  
H314 เป็นอันตรายเมื่อสัมผัสผิวหนัง  
H318 ทำให้ผิวหนังไหม้อย่างรุนแรงและทำลายดวงตา  
H335 ทำอันตรายต่อระบบทางเดินหายใจ  
H402 Harmful to aquatic life



หน้า 1 / 8



อติดา



ADITYA BIRLA



## เอกสารข้อมูลความปลอดภัย โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 28 มกราคม 2555

•

- H401 เป็นอันตรายต่อสิ่งมีชีวิตในน้ำ

### ข้อควรระวัง

- สวมถุงมือป้องกัน/ชุดป้องกัน/อุปกรณ์ป้องกันดวงตา/อุปกรณ์ป้องกันหน้า
- P404+P233 จัดเก็บในที่ที่มีการระบายอากาศได้ดีปิดภาชนะบรรจุให้แน่น จัดเก็บในสถานที่ที่ปิดล็อกได้
- P273 หลีกเลี่ยงการรั่วไหลสู่สิ่งแวดล้อม
- P363 แยกเสื้อผ้าที่เปื้อนออกจากเสื้อผ้าที่สะอาดก่อนนำกลับมาใช้ใหม่
- P305+P351 หากเข้าตา ล้างด้วยน้ำนาน 20 นาที ให้ถอดคอนแทคเลนส์ออก
- P331 ถ้ากลืนกิน ให้ล้างปาก ห้ามทำให้อาเจียน
- P302+P361+P353 ถ้าสัมผัสผิวหนังถอดเสื้อผ้าที่เปื้อนทั้งหมดออกทันที ล้างด้วยน้ำปริมาณมากนาน 20 นาที

ความเป็นอันตรายอื่นที่ไม่ได้ผลในการจำแนกประเภท : ไม่มีข้อมูล

### 3. องค์ประกอบและข้อมูลเกี่ยวกับส่วนผสม

#### เอกลักษณ์ของสารเคมี :

ชื่อทางเคมี : Sodium Hydroxide  
 ชื่อสามัญ : Sodium Hydroxide  
 ชื่อพ้อง : Caustic soda  
 สูตรโมเลกุล : NaOH  
 มวลโมเลกุล : 40 กรัม/โมล

#### ข้อมูลเกี่ยวกับส่วนผสม :

สาร	หมายเลข CAS	ความเข้มข้น
โซเดียมไฮดรอกไซด์	1310-73-2	50%
น้ำ	7732-18-5	50%

สิ่งเจือปนและสารปรุงแต่งให้เสถียร : ไม่มี

### 4. มาตรการปฐมพยาบาล

#### วิธีการปฐมพยาบาล

การหายใจเข้าไป

หากหายใจเอาละอองสารเข้าสู่ร่างกาย ให้ย้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์หากหายใจไม่สะดวกให้ใช้  
 อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที

การสัมผัสทางผิวหนัง

ถอดเสื้อผ้าที่เปื้อนออกทันทีล้างออกด้วยน้ำปริมาณมาก อย่างน้อย 20 นาที

การสัมผัสทางดวงตา

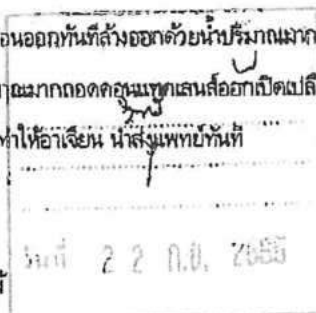
ล้างด้วยน้ำปริมาณมากถอดคอนแทคเลนส์ออกเปิดเปลือกตาให้กว้างให้น้ำไหลผ่าน

การกลืนกิน

บ้วนปาก ห้ามทำให้อาเจียน นำส่งแพทย์ทันที

#### อาการ/ผลกระทบที่สำคัญ:

- การหายใจ : ไอแสบคอ หายใจถี่
- ผิวหนัง : ผิวหนังแดง แผลพุพอง ผิวหนังไหม้



หน้า 2 / 8



ช.อ.อ.อ.



ADITYA BIRLA



## เอกสารข้อมูลความปลอดภัย โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 28 มกราคม 2555

- การกลืนกิน : แสบปาก แสบคอและหลอดอาหาร ปวดท้องท้องร่วงคลื่นไส้อาเจียน อ่อนเพลีย ซีดหรือหมดสติ หรือเสียชีวิต
  - ดวงตา : ตามแดง ปวดตา ทำให้แสบไหม้ตา ตามัว ทำให้ตาบอดได้
- ข้อควรพิจารณาทางการแพทย์ที่ต้องหาพื้นที่และการดูแลรักษาเฉพาะที่สำคัญที่ควรดำเนินการ :
- ตรวจสอบสภาพการทำงานของปอด เอกซเรย์ปอด ตรวจตาและการมองเห็น

### 5. มาตรการฉุกเฉิน

สารดับเพลิงที่เหมาะสม : ใช้สารดับเพลิงที่เหมาะสมกับสภาวะรอบๆที่เกิดเพลิงไหม้

สารดับเพลิงที่ไม่เหมาะสม : -

ความเป็นอันตรายที่เกิดจากสารเคมี:

- สารนี้ไม่ติดไฟ แต่เมื่อสัมผัสกับน้ำหรือความชื้นจะทำให้เกิดความร้อน เมื่อได้รับความร้อน สารนี้จะระเหยให้ไอที่มีความเป็นด่าง

อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักฉุกเฉิน :

- สวมชุดดับเพลิงสวมหน้ากากป้องกันการหายใจชนิดมีถังอากาศ
- ให้ฉีดน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ

### 6. มาตรการจัดการเมื่อมีการหกและรั่วไหลของสาร

ข้อควรระวังส่วนบุคคล :

- อพยพคนออกจากบริเวณที่สารรั่วไหล
- ห้ามสัมผัสสารเคมีโดยตรง
- ห้ามสูดดมเอาละอองไอเข้าสู่ร่างกาย

อุปกรณ์ป้องกันส่วนบุคคล :

- กระบังหน้า แวนครอบตา รองเท้าบูทและถุงมือยางแบบหนา ชุดกันสารเคมี

ข้อควรระวังด้านสิ่งแวดล้อม :

- ห้ามให้สารปนเปื้อนสิ่งแวดล้อม

วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :

- สวมชุดป้องกันสารเคมี
- ใช้วัสดุดูดซับที่เหมาะสม

### 7. การขนส่งเคลื่อนย้าย ใช้งาน และการจัดเก็บ

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้งานอย่างปลอดภัย :

- หลีกเลี่ยงการสัมผัสกับสาร
- ให้ใช้สารในบริเวณที่มีการระบายอากาศที่เพียงพอ

มาตรการเก็บรักษาอย่างปลอดภัย:

- เก็บในภาชนะป้องกันการกัดกร่อน

วันที่ 22 ธ.ค. 2555



### 8. การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการรับสัมผัส:



Signature



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## เอกสารข้อมูลความปลอดภัย โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 28 มกราคม 2565

IDLH:	10	mg/m <sup>3</sup>	(NIOSH 2012)
REL-C:	2	mg/m <sup>3</sup> (15 นาที)	(NIOSH 2012)
PEL-TWA:	2	mg/m <sup>3</sup>	(OSHA 2012)
TLV-C:	2	mg/m <sup>3</sup>	(ACGIH 2012)

การควบคุมทางวิศวกรรมที่เหมาะสม :

- จัดให้มีระบบระบายอากาศที่เพียงพอ

อุปกรณ์ป้องกันส่วนบุคคล :

การป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี)	หน้ากากป้องกันไอสารเคมี เมื่อต้องปฏิบัติงานกับโซดาไฟที่มีอุณหภูมิสูง (สารนี้จะระเหยให้อิโอดีที่มีความเป็นด่าง)	แว่นตาป้องกัน หรือแว่นครอบตา
การป้องกันตัว (ชุดกันสารเคมี)	การป้องกันหน้า (กระบังหน้า)	

ข้อควรปฏิบัติ:

- เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี
- ล้างมือและหน้าหลังจากการทำงานกับสาร
- ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน

9. คุณสมบัติทางกายภาพและทางเคมี	
1.) ลักษณะทั่วไป	ของเหลวใส ไม่มีสี
2.) กลิ่น	ไม่มีกลิ่น
3.) ระดับค่าจำกัดของกลิ่น	ไม่มีข้อมูล
4.) ค่าความเป็นกรดด่าง	มากกว่า 14
5.) จุดหลอมเหลว/จุดเยือกแข็ง	10°C
6.) จุดเดือดเริ่มต้นและช่วงของการเดือด	143°C
7.) จุดวาบไฟ	ไม่ติดไฟ
8.) อัตราการระเหย	ไม่มีข้อมูล
9.) ความสามารถในการลุกติดไฟได้	ไม่มีข้อมูล
10.) ค่าขีดจำกัดสูงสุดและค่าสุดของความเสี่ยง หรือค่าขีดจำกัดสูงสุดและค่าสุดของการระเบิด(% , v/v) ซึ่งถ้า : ไม่มีข้อมูลขีดบน : ไม่มีข้อมูล	
11.) ความดันไอ	1.1 mmHg (1.2 hPa) ที่อุณหภูมิ 20 °C



หน้า 4/8



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เอกสารข้อมูลความปลอดภัย  
โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 28 มกราคม 2555

12.) ความหนาแน่นไอ (อากาศ = 1)	1.2-1.5
13.) ความหนาแน่นสัมพัทธ์ (น้ำ = 1)	1.529 ที่อุณหภูมิ 15°C
14.) ความสามารถในการละลายได้	ละลายน้ำได้ดี
15.) ค่าสัมประสิทธิ์การละลายของสารในชั้นของ octanol/น้ำ (Log K <sub>ow</sub> )	ไม่มีข้อมูล
16.) อุณหภูมิที่ลุกติดไฟได้เอง	ไม่ติดไฟ
17.) อุณหภูมิของการสลายตัว	ไม่มีข้อมูล
18.) ความหนืด	79 cP ที่อุณหภูมิ 20°C

## 10. ความเสถียรและความไวต่อปฏิกิริยา

## การเกิดปฏิกิริยา:

- ทำปฏิกิริยากับกรดแก่ (Hydrochloric, Sulfuric, Nitric) ทำปฏิกิริยากับโลหะ (Aluminum, Lead, Tin, Zinc) ทำให้เกิดก๊าซไฮโดรเจนที่ไวไฟ และระเบิดได้ทำปฏิกิริยากับ Ammonium salts ทำให้เกิด Ammonia ซึ่งทำให้เกิดอันตรายจากเพลิงไหม้ ทำปฏิกิริยากับสารโซเดียมไฮโปคลอไรท์เกิดก๊าซคลอรีนซึ่งเป็นพิษ

## ความเสถียรทางเคมี :

- เสถียรภายใต้อุณหภูมิปกติ

วัสดุที่เข้ากันได้ : สารไดออกไซด์อย่างแรง สารออกไซด์ โลหะ

ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย : ไม่มีข้อมูล

## 11. ข้อมูลด้านพิษวิทยา

## ค่าประมาณความเป็นพิษเฉียบพลัน :

LD<sub>50</sub> (Dermal, Rat): 1,350 มิลลิกรัม/ กิโลกรัม

## ข้อมูลเพิ่มเติมทางพิษวิทยา :

การหายใจเข้าไป	ระคายเคืองจมูก คอ และปอดทำให้ไอ แสบคอ หายใจถี่ หายใจลำบาก
การสัมผัสทางผิวหนัง	กัดกร่อนผิวหนัง ผิวหนังเป็นผื่นแดง ผิวหนังไหม้
การสัมผัสทางดวงตา	กัดกร่อนดวงตา ตามแดงตามัว ตาไหม้ และตาบอดได้
การกลืนกิน	แสบคอและหน้าอก ปวดท้องท้องร่วงคลื่นไส้อาเจียน อ่อนเพลีย ช็อกหรือหมดสติ หรือเสียชีวิต
อาการที่ปรากฏ	รู้สึกแสบร้อนไอหายใจมีเสียงหลอดลมตอมนอนอึกแสบหายใจถี่ ปวดหัวคลื่นไส้และอาเจียน
ผลกระทบเฉียบพลัน	กัดกร่อนผิวหนัง ดวงตาและทางเดินหายใจ กัดกร่อนเนื้อเยื่อผิวหนัง ทำให้ปวดแสบ หายใจลำบาก
ผลกระทบเรื้อรัง	ทำให้ผิวหนังอักเสบ ทำให้หลอดลมอักเสบ ทำให้ลายปอดอย่างถาวร

## 12. ข้อมูลด้านนิเวศวิทยา

## ความเป็นพิษต่อระบบนิเวศ :

ความเป็นพิษต่อปลา *Oncorhynchus mykiss* LC<sub>50</sub>: 45.4 มิลลิกรัม/ ลิตร/96 ชั่วโมงความเป็นพิษต่อ Crustacea *Daphnia magna* EC<sub>50</sub>: 40.38 มิลลิกรัม/ ลิตร/48 ชั่วโมง

## การตกค้างยาวนานและความสามารถในการย่อยสลายทางชีวภาพ :

ถูกสะสมได้ในสัตว์ที่เป็นกรจากกระบวนการย่อยสลายทางชีวภาพ

XENON INTER CO., LTD

XENON INTER CO., LTD

กชชชช



ADITYA BIRLA



## เอกสารข้อมูลความปลอดภัย โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งสุดท้าย วันที่ : 28 มกราคม 2555

ศักยภาพในการสะสมทางชีวภาพ: ไม่สะสมทางชีวภาพ

การเคลื่อนย้ายในดิน : ไม่มีข้อมูล

ผลกระทบในทางเฉื่อยหายอื่นๆ : ไม่มีข้อมูล

## 13. ข้อพิจารณาในการกำจัด

การจัดการ : ให้ปฏิบัติตามกฎหมาย เพื่อให้มีผลกระทบต่อสิ่งแวดล้อมน้อยที่สุด

บรรจุภัณฑ์ : ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป

## 14. ข้อมูลเกี่ยวกับการขนส่ง

หมายเลขสหประชาชาติ (UN number): 1824  
 ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : SODIUM HYDROXIDE, SOLUTION  
 ประเภทความเป็นอันตรายสำหรับการขนส่ง : 8  
 กลุ่มการบรรจุ (ถ้ามี): II

## ADR

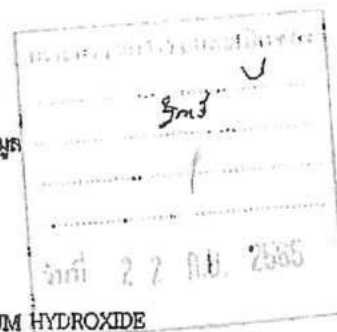
- หมายเลขสหประชาชาติ (UN number): 1824
- ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : SODIUM HYDROXIDE
- ประเภทความเป็นอันตรายสำหรับการขนส่ง :
  - ประเภท: 8
- กลุ่มการบรรจุ (ถ้ามี): II
- ความเป็นอันตรายต่อสิ่งแวดล้อม: no
- ข้อควรระวังพิเศษ : ไม่มีข้อมูล

## RID

- หมายเลขสหประชาชาติ (UN number): 1824
- ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : SODIUM HYDROXIDE
- ประเภทความเป็นอันตรายสำหรับการขนส่ง :
  - ประเภท: 8
- กลุ่มการบรรจุ (ถ้ามี): II
- ความเป็นอันตรายต่อสิ่งแวดล้อม: no
- ข้อควรระวังพิเศษ : ไม่มีข้อมูล

## IMDG

- หมายเลขสหประชาชาติ (UN number): 1824
- ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : SODIUM HYDROXIDE
- ประเภทความเป็นอันตรายสำหรับการขนส่ง :





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เอกสารข้อมูลความปลอดภัย  
โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 28 มกราคม 2565

- ประเภท: 8
- EmS No.: F-A,S-B
- กลุ่มการบรรจุ (ถ้ามี): II
- IATA
  - หมายเลขสหประชาชาติ (UN number): 1824
  - ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : Sodium hydroxide
  - ประเภทความเป็นอันตรายสำหรับการขนส่ง :
    - ประเภท: 8
  - กลุ่มการบรรจุ (ถ้ามี): II
  - การขนส่งด้วยภาชนะขนาดใหญ่: IBC Code: IBC02

15. ข้อมูลเกี่ยวกับกฎข้อบังคับ

กฎหมาย/ข้อบังคับของประเทศไทย

- วัตถุอันตราย: บัญชี 2.1 และ ชนิดที่ 4 ของวัตถุอันตราย
- สารอันตราย (กรมแรงงาน)
- ความเข้มข้นสารอันตราย (กรมแรงงาน)

กฎหมาย/ข้อบังคับของนานาชาติ

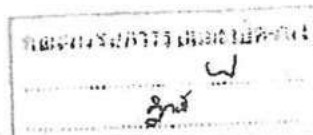
- CLP: สารเคมีอันตรายที่ระบุใน Annex VI

การติดฉลาก

- NFPA:704



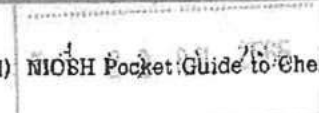
- GHS:



16. ข้อมูลอื่น ๆ

แหล่งข้อมูลและเอกสารที่ใช้ทำเอกสารข้อมูลความปลอดภัย :

1. The National Institute for Occupational Safety and Health (NIOSH) NIOSH Pocket Guide to Chemical Hazards <http://www.cdc.gov/niosh/npg/npgdcas.html>
2. United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG)
3. European chemical Substances Information System (ECB): ESIS, Annex VI



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เอกสารข้อมูลความปลอดภัย  
โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 26 มกราคม 2555

<http://ecb.jrc.ec.europa.eu/esis/>

<http://ecb.jrc.ec.europa.eu/classification-labelling/clp/ghs/search.php>

4. International Programme on Chemical Safety (IPCS): Chemical Safety Information from Intergovernmental Organizations (INCHEM) <http://www.inchem.org/>

5. United States National Library of Medicine: ChemIDplus Lite (ID PLUS)

<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM>

6. New Jersey Department of Health (DOH)

<http://web.doh.state.nj.us/risk/sfs/qsearch.aspx>

7. International Uniform Chemical Information Database (IUCLID)

<http://ecb.jrc.ec.europa.eu/esis/index.php?PGM=dat>

8. Hazardous Substances Data Bank (HSDB)

<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>

9. NTP Study Reports Abstract for TR-392-Chlorinated Water (CAS Nos. 7782-50-5 and 7681-52-9)

National Toxicology Program, Department of Health and Human Services, 1992

<http://ntp.niehs.nih.gov/>

10. CRC Handbook of Chemistry and Physics 91st edition 2010-2011







# CHEMEX INDUSTRY CO.,LTD

## SAFETY DATA SHEET

### HYDROCHLORIC ACID 35%

#### **1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** HYDROCHLORIC ACID 35 %

**Manufacturer / Supplier Identification**

**Company :** CHEMEX INDUSTRY CO.,LTD.

**Plant :** 85 Moo 1 Rama 2 Rd.,Bangthorad,Maug,Samutsakorn 74000 Thailand.

Tel : (6634)-432692-3 Fax : (6634)-432694

**Head Office :** 239 Sirintorn Rd.,Bangbamru Bangplud,Bangkok 10700

Tel: (662)-881-9150-5 Fax : (662)-881-9152,(662)-881-9154

#### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

CAS NO. : 7647-01-0

BASE CHEMICAL NAME : HYDROCHLORIC ACID

CHEMICAL FORMULA : HCl

SYNONYMS : MURIATIC ACID; HYDROGEN CHLORIDE, AQUEOUS

MOLECULAR WEIGHT : 36.46

Composition	CAS Number	%by weight
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Hydrochloric Acid	7647-01-0	35
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Water	7732-18-5	65
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# CHEMEX INDUSTRY CO.,LTD

### **3. HAZARDS IDENTIFICATION**

POISON! DANGER! CORROSIVE. LIQUID AND MIST CAUSE SEVERE BURNS TO ALL BODY TISSUE. MAY BE FATAL IF SWALLOWED OR INHALED. INHALATION MAY CAUSE LUNG DAMAGE.

Health Rating: 3 - Severe (Poison)

Flammability Rating: 0 - None

Reactivity Rating: 2 - Moderate

Contact Rating: 3 - Severe (Corrosive)

Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES

Storage Color Code: White (Corrosive)

#### **Potential Health Effects**

##### **Inhalation:**

Corrosive! Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death.

##### **Ingestion:**

Corrosive! Swallowing hydrochloric acid can cause immediate pain and burns of the mouth, throat, esophagus and gastrointestinal tract. May cause nausea, vomiting, and diarrhea. Swallowing may be fatal.

##### **Skin Contact:**

Corrosive! Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and discolor skin.

##### **Eye Contact:**

Corrosive! Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.

##### **Chronic Exposure:**

Long-term exposure to concentrated vapors may cause erosion of teeth. Long term exposures seldom occur due to the corrosive properties of the acid.

##### **Aggravation of Pre-existing Conditions:**

Persons with pre-existing skin disorders or eye disease may be more susceptible to the effects of this substance.





# CHEMEX INDUSTRY CO.,LTD

## 4. FIRST AID MEASURES:

### **Inhalation:**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

### **Ingestion:**

DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### **Skin Contact:**

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

### **Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

## 5. FIRE FIGHTING MEASURES AND EXPLOSION HAZARD

### **Fire:**

Extreme heat or contact with metals can release flammable hydrogen gas.

### **Explosion:**

Not considered to be an explosion hazard.

### **Fire Extinguishing Media:**

If involved in a fire, use water spray. Neutralize with soda ash or slaked lime.

### **Special Information:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Structural firefighter's protective clothing is ineffective for fires involving hydrochloric acid. Stay away from ends of tanks. Cool tanks with water spray until well after fire is out.

## 6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Neutralize with alkaline material (soda ash, lime), then absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities.





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## **7. HANDLING AND STORAGE**

Store in a cool, dry, ventilated storage area with acid resistant floors and good drainage. Keep out of direct sunlight and away from heat, water, and incompatible materials. Do not wash out container and use it for other purposes. When diluting, the acid should always be added slowly to water and in small amounts. Never use hot water and never add water to the acid. Water added to acid can cause uncontrolled boiling and splashing. When opening metal containers, use non-sparking tools because of the possibility of hydrogen gas being present. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Airborne Exposure Limits:**

-OSHA Permissible Exposure Limit (PEL):

5 ppm Ceiling

-ACGIH Threshold Limit Value (TLV):

5 ppm Ceiling

### **Ventilation System:**

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

### **Personal Respirators (NIOSH Approved):**

If the exposure limit is exceeded, a full facepiece respirator with an acid gas cartridge may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.

**WARNING:** Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

### **Skin Protection:**

Rubber or neoprene gloves and additional protection including impervious boots, apron, or coveralls, as needed in areas of unusual exposure to prevent skin contact.

### **Eye Protection:**

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.





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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Colorless, fuming liquid.

**Odor:**

Pungent odor of hydrogen chloride.

**Solubility:**

Infinite in water with slight evolution of heat.

**Density:**

1.17

**% Volatiles by volume @ 21C (70F):**

100

**Boiling Point:**

53C (127F) Azeotrope (20.2%) boils at 109C (228F)

**Melting Point:**

-74C (-101F)

**Vapor Density (Air=1):**

No information found.

**Vapor Pressure (mm Hg):**

190 @ 25C (77F)

**Evaporation Rate (BuAc=1):**

No information found.

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under ordinary conditions of use and storage. Containers may burst when heated.

**Hazardous Decomposition Products:**

When heated to decomposition, emits toxic hydrogen chloride fumes and will react with water or steam to produce heat and toxic and corrosive fumes. Thermal oxidative decomposition produces toxic chlorine fumes and explosive hydrogen gas.

**Hazardous Polymerization:**

Will not occur.

**Incompatibilities:**

A strong mineral acid, concentrated hydrochloric acid is incompatible with many substances and highly reactive with strong bases, metals, metal oxides, hydroxides, amines, carbonates and other alkaline materials. Incompatible with materials such as cyanides, sulfides, sulfites, and formaldehyde.

**Conditions to Avoid:**

Heat, direct sunlight.





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## **11. TOXICOLOGICAL INFORMATION**

### **ACUTE TOXICITY**

#### **INHALATION**

Hydrogen chloride gas, mist and vapor can cause irritation of respiratory tract, with burning, choking, coughing, headaches and rapid heartbeat. Levels of 10 to 35 ppm can cause irritation of throat and 50-100 ppm is nearly unbearable for 1 hour. Inflammation, destruction of nasal passages and breathing difficulties can occur with higher concentrations and may be delayed in onset. 1000-2000 ppm can be fatal.

#### **ANIMAL TOXICOLOGY**

Inhalation LC50: 3124 ppm for 1Hour (rat)

Inhalation LC50: 1108 ppm for 1Hour (mouse)

#### **CHRONIC TOXICITY**

Exposures of 100 ppm for 6 hours a day for 50 days caused only slight unrest and irritation to the eyes and nose of rabbits, guinea pigs and pigeons. The hemoglobin content of the blood was also slightly diminished. Monkeys receiving twenty exposures of 33 ppm for 6 hours did not display any adverse effects. Higher exposures (unspecified) have caused weight loss which paralleled the severity of exposure. Baboons exposed to 500, 5000, or 10,000 ppm for 15 minutes did not have significant alterations in any pulmonary function parameters 3 days or 3 months after exposure. In humans, long term overexposures have been associated with erosion of the teeth.

#### **CARCINOGENICITY**

No standard carcinogenicity studies for hydrogen chloride were identified. Two studies on rats were conducted to determine if hydrogen chloride increased the formation of nasal tumors or increased the carcinogenic potential of formaldehyde. In both studies the rats were exposed to 10 ppm hydrogen chloride, 6 hours per day, 5 days a week.

One study lasted 84 weeks while the other lasted the animals' lifetime. Hydrogen chloride did not cause an increase in nasal tumors and did not increase the carcinogenicity of formaldehyde.

Hydrogen chloride is not listed on the IARC, NTP or OSHA carcinogen lists.

#### **DEVELOPMENTAL TOXICITY**

No studies were identified relative to hydrogen chloride and reproductive toxicity.

## **12. ECOLOGICAL INFORMATION**

### **Environmental Fate:**





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When released into the soil, this material is not expected to biodegrade. When released into the soil, this material may leach into groundwater.

**Environmental Toxicity:**

This material is expected to be toxic to aquatic life.

## **13. DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## **14. TRANSPORT INFORMATION**

**Domestic (Land, D.O.T.)**

**Proper Shipping Name:** HYDROCHLORIC ACID

**Hazard Class:** 8

**UN/NA:** UN1789

**Packing Group:** II

**Information reported for product/size:** 475LB

**International (Water, I.M.O.)**

**Proper Shipping Name:** HYDROCHLORIC ACID

**Hazard Class:** 8

**UN/NA:** UN1789

**Packing Group:** II

**Information reported for product/size:** 475LB

## **15. REGULATORY INFORMATION**

**U S FEDERAL REGULATIONS**

**REPORTABLE QUANTITY (RQ)**

Reportable Quantity (RQ) is 5000 lbs.

**TOXIC SUBSTANCES CONTROL ACT**

Listed on TSCA Inventory

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III**

Components identified with an asterisk (\*) in Section 2 are subject to the reporting requirements of Section 313 of Title

III of the 1986 Superfund Amendments and Reauthorization Act (SARA) and 40 CFR Part 372.

**SARA HAZARD CATEGORIES (40 CFR 370.2)**

**HEALTH:** Immediate Health





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## **INTERNATIONAL REGULATIONS**

### **CANADA**

#### **WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) CLASSIFICATION**

WHMIS Classifications applicable to this product:

E (Corrosive Material) based on assignment to TDG Class 8

### **CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)**

All components of this product are on the Domestic Substances List (DSL).

### **HAZARDOUS PRODUCTS ACT**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products

Regulations (CPR).

### **EUROPE**

EINECS No.: 231-595-7

### **STATE REGULATIONS**


#### **CALIFORNIA PROPOSITION 65**

Hydrochloric acid does not appear on the California Proposition 65 list.

## **16. OTHER INFORMATION**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.



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## 1. ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิต และ /หรือจำหน่าย (Identification)

### ตัวบ่งชี้ผลิตภัณฑ์

ชื่อผลิตภัณฑ์ : กรดไฮโดรคลอริก

การบ่งชี้ด้วยวิธีอื่นๆ : CAS#: 7647-01-0 EC/EINECS: 231-595-7 RTECS No.: MW4025000

UN/#: 1789 EC Annex 1 Index No. : 017-002-00-2

รายละเอียดผู้ผลิต : บริษัท เคมีภัณฑ์อุตสาหกรรม จำกัด

สำนักงานใหญ่ - 239 ถนนสีรินธร บางพลัด กรุงเทพฯ 10700 โรงงาน - 85 หมู่ 1 ถ.พระราม 2 ด.บางโหนด

โทร.02-8818150-2 แฟกซ์ 02-8819152

อ.เมือง จ.สมุทรสาคร 74000

โทร.034-432692-3 แฟกซ์ 034-432694

## 2. การบ่งชี้ความเป็นอันตราย (Hazards Identification)

การจำแนกประเภทสารเดี่ยวหรือสารผสมตามระบบ GHS:

○ ความเป็นพิษเฉียบพลัน (ทางปาก)	ประเภทย่อย 4
○ การทำลายดวงตาอย่างรุนแรงและการระคายเคืองต่อดวงตา	ประเภทย่อย 2A
○ การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง	ประเภทย่อย 1
○ ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการรับสัมผัสครั้งเดียว (ระบบประสาท ระบบทางเดินหายใจ)	ประเภทย่อย 1
○ ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการรับสัมผัสซ้ำ (ตับ อวัยวะรับกลิ่น ระบบทางเดินหายใจ)	ประเภทย่อย 1


องค์ประกอบของฉลาก:



คำสัญญาณ

อันตราย



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#### ข้อความแสดงความเป็นอันตราย

<input type="radio"/> อันตรายต่อระบบทางเดินหายใจ
<input type="radio"/> อันตรายต่อผิวหนังอย่างรุนแรงและทำลายดวงตา
<input type="radio"/> อันตรายต่อสิ่งมีชีวิตในน้ำ
<input type="radio"/> ทำให้เกิดการแพ้ที่ผิวหนัง

#### ข้อควรระวัง

<input type="radio"/> ควรได้รับคำแนะนำเฉพาะก่อนการใช้งาน
<input type="radio"/> หลีกเลี่ยงการสัมผัสหรือหายใจรับสาร
<input type="radio"/> สวมใส่หน้ากากป้องกันก๊าซ ชุดป้องกันสารเคมี ถุงมือกันสารเคมี แวนครอบตา รองเท้า
<input type="radio"/> บริเวณใช้งาน ควรมีระบบระบายอากาศที่ดี
<input type="radio"/> ห้ามปล่อยสารออกสู่สิ่งแวดล้อมหรือ แหล่งน้ำ
<input type="radio"/> ห้ามใช้งานหากยังไม่ได้อ่านหรือเข้าใจข้อควรระวังด้านความปลอดภัย

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท : ไม่มีข้อมูล

### 3. องค์ประกอบและข้อมูลเกี่ยวกับส่วนผสม (Composition/Information on Ingredients)

#### เอกลักษณ์ของสารเคมี :


ชื่อทางเคมี : กรดไฮโดรคลอริก  
ชื่อสามัญ : Hydrochloric Acid  
ชื่อพ้อง : กรดเกลือ กรดไฮโดรคลอริก Muriatic Acid  
สูตรโมเลกุล : HCl  
มวลโมเลกุล : 36.500 กรัม/โมล

#### ข้อมูลเกี่ยวกับส่วนผสม :

สาร	หมายเลข CAS	ความเข้มข้น
Hydrochloric Acid	7647-01-0	35 %
Water	7732-18-5	65 %

สิ่งเจือปนและสารปรุงแต่งให้เสถียร : ไม่มี



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#### 4. มาตรการปฐมพยาบาล (First Aid Measures)

##### วิธีการปฐมพยาบาล

การหายใจเข้าไป	ให้ย้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์ หากหายใจไม่สะดวกให้ใช้อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที
การสัมผัสทางผิวหนัง	ถอดเสื้อผ้าที่เปื้อนออกทันที ล้างออกด้วยน้ำปริมาณมาก จะล้างผ่านผิวหนังส่วนที่โดนสารเคมีอย่างน้อยประมาณ 20 นาที ถ้ามีการระคายเคืองมาก รีบนำส่งแพทย์
การสัมผัสทางดวงตา	ล้างด้วยน้ำปริมาณมาก โดยลืมตาให้กว้าง ให้น้ำไหลผ่านอย่างน้อย 20 นาที ห้ามใช้น้ำยาล้างตา อาจใช้สารละลายน้ำเกลือ (Normal Saline Solution) ระงับอย่าให้น้ำล้างตาไหลเข้าดวงตาข้างที่ไม่ได้สัมผัสสาร แล้วรีบนำส่งแพทย์ทันที
การกลืนกิน	ห้ามทำให้ผู้ป่วยอาเจียน ควรให้ดื่มนมหรือน้ำสะอาด ในปริมาณมาก ๆ เพื่อเจือจางสาร

##### อาการ/ผลกระทบที่สำคัญ :

- การหายใจ : ระคายเคืองจมูกอย่างรุนแรง แสบคอ หายใจไม่ออก
- ผิวหนัง : ระคายเคืองผิวหนังอย่างรุนแรง เป็นแผลเป็นได้
- การกลืนกิน : โหม้ปากและทางเดินอาหาร กลืนลำบาก คลื่นไส้ อาเจียน ท้องเสีย อาจเสียชีวิตได้
- ดวงตา : ระคายเคือง แดง โหม้ อาจทำให้ตาบอดได้

ข้อควรพิจารณาทางการแพทย์ที่ต้องทำทันทีและการดูแลรักษาเฉพาะที่สำคัญที่ควรดำเนินการ : ผิวหนังบวม แดง จมูกและเหงือกมีเลือดออก โรคกระเพาะอักเสบ หลอดลมอักเสบเรื้อรัง

#### 5. มาตรการผจญเพลิง (Fire Fighting Measures)

สารดับเพลิงที่เหมาะสม : ให้ใช้สารดับเพลิงให้เหมาะสมกับเพลิงไหม้ที่เกิดบริเวณรอบๆ


สารดับเพลิงที่ไม่เหมาะสม : -

ความเป็นอันตรายที่เกิดจากสารเคมี : เมื่อสัมผัสโลหะจะให้แก๊สไฮโดรเจน ซึ่งอาจระเบิดได้

อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง :

- สวมชุดผจญเพลิง ชุดป้องกันสารเคมี สวมหน้ากากป้องกันการหายใจชนิดมีถังอัดอากาศ (SCBA)



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- ถิ่นน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ ห้ามถื่นน้ำไปยังภาชนะโดยตรง

#### 6. มาตรการจัดการเมื่อมีการหกและรั่วไหลของสาร (Accidental Release Measure)

##### ข้อควรระวังส่วนบุคคล :

- อพยพคนออกจากบริเวณที่สารหกตก ควรอยู่ในทิศทางเหนือลม
- ห้ามสัมผัสสารเคมีโดยตรง
- ห้ามหายใจเอาไอสารเข้าไป
- ให้กั้นแยกพื้นที่อันตรายและควบคุมบุคคลที่มีอุปกรณ์ป้องกันผ่านเข้าออกได้เท่านั้น
- จัดให้มีการระบายอากาศอย่างเพียงพอ
- การเข้าพื้นที่ต้องเข้าในทิศทางเหนือลม
- ห้ามสัมผัสวัตถุปนเปื้อน

##### อุปกรณ์ป้องกันภัยส่วนบุคคล :

- สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจ รองเท้า และถุงมือป้องกันสารเคมี

##### ข้อควรระวังด้านสิ่งแวดล้อม :

- ป้องกันไม่ให้สารไหลลงแหล่งน้ำสาธารณะ เพราะสารนี้มีผลกระทบต่อสิ่งมีชีวิตในน้ำ ซึ่งส่งผลเป็นอันตรายเนื่องจากเปลี่ยนแปลงค่า pH ของน้ำ

##### วิธีการ และวัสดุสำหรับกักเก็บ และทำความสะอาด :


- สวมชุดป้องกันสารเคมี อุปกรณ์ป้องกันระบบหายใจชนิดแบบมีไส้กรองสารเคมี ประเภทกรองไอกรด
- ให้ระบายอากาศในบริเวณที่เกิดเหตุ
- ใช้อุปกรณ์ดักสารเคมีปนเปื้อนที่เป็นพลาสติก
- จัดเตรียมถุงและถังพลาสติก (แบบมีฝาปิด)
- นำสารเคมีปนเปื้อนใส่ถุงพลาสติกปิดรัดถุงแล้วใส่ลงถังพลาสติกปิดฝาแล้วใช้เทปผ้าพันปิดที่ขอบฝาดัง
- ติดป้ายที่ถัง “สารเคมีปนเปื้อนจากอุบัติเหตุ” นำไปกำจัดตามข้อกำหนด

#### 7. การขนถ่ายเคลื่อนย้าย ใช้งาน และการจัดเก็บ (Handling and Storage)

##### ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้งานอย่างปลอดภัย :

- ภาชนะประเภทบรรจุภัณฑ์ที่ขนย้ายต้องแข็งแรง ปิดสนิท มีฉลากกำกับ
- จัดระบบระบายอากาศที่เพียงพอในบริเวณใช้งาน
- ป้องกันละอองไอของกรดในบริเวณทำงาน
- หลีกเลี่ยงการสูดดม และการสัมผัสโดยตรง



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	กรดไฮโดรคลอริก	

**สถานการณ์เก็บรักษาอย่างปลอดภัย :**

- ปิดภาชนะให้สนิท เก็บในบริเวณที่ระบายอากาศได้ดี เก็บในที่แห้ง ห่างจากสารที่อาจเกิดปฏิกิริยา
- เก็บให้ห่างจากความร้อน ความชื้น สารออกซิไดซ์ โลหะ แอลกอฮอล์ กรด โซดาไฟ โซลไฟด์
- ภาชนะบรรจุเป็นวัสดุทนการกัดกร่อน
- ห้ามรับประทานอาหาร เครื่องดื่ม ในบริเวณพื้นที่ใช้สาร

**ข้อควรระวังด้านสิ่งแวดล้อม :** ห้ามให้สารปนเปื้อนสิ่งแวดล้อม

**8. การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล (Exposure Controls/Personal Protection)**

**ค่าต่างๆที่ใช้ควบคุมการรับสัมผัส :**

IDLH	50	ppm	(NIOSH 2012)
REL-C:	5	ppm	(NIOSH 2012)
PEL-C:	5	ppm	(OSHA 2012)
TLV-Ceiling:	2	ppm	(ACGIH 2012)

**การควบคุมทางวิศวกรรมที่เหมาะสม :**

- จัดให้มีการระบายอากาศที่เพียงพอ
- ติดตั้งระบบดูดอากาศเฉพาะที่
- ออกแบบให้เป็นระบบปิด ป้องกันไอสารเคมี


**อุปกรณ์ป้องกันภัยส่วนบุคคล :**

		
การป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี)	การป้องกันระบบหายใจ (หน้ากากกรองสารเคมีประเภท ป้องกันไอกรด)	การป้องกันดวงตา (แว่นครอบตา)
		
ชุดกันสารเคมี	กระบังหน้า	







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#### 10. ความเสถียรและความไวต่อปฏิกิริยา (Stability and Reactivity)

##### การเกิดปฏิกิริยา :

- ทำปฏิกิริยารุนแรงและก่อให้เกิดระเบิด กับ Acetylene, Ether, Fluorine compounds, Terpentine, Alcohols, Ammonia ต่างแก่ (เช่น Sodium Hydroxide, Potassium Hydroxide )

##### ความเสถียรทางเคมี :

- เสถียรภายใต้อุณหภูมิ และความดันปกติ ของการใช้และการเก็บ

##### ความเป็นไปได้ในการเกิดปฏิกิริยาอันตราย :

- ความร้อน ความชื้น แสงแดด พื้นที่ที่มีประกายไฟ

##### สภาวะที่ควรหลีกเลี่ยง :

- โลหะ เมื่อสัมผัสแล้วจะให้แก๊สไฮโดรเจน ที่อาจจะระเบิดได้
- วัตถุออกซิไดซ์ วัตถุรีดิวซ์ ต่าง

##### วัสดุที่เข้ากันไม่ได้ :

- ไฮโดรเจนคลอไรด์, คลอรีน, แก๊สไฮโดรเจน

ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตรายเมื่อสัมผัสน้ำ : ไม่มีข้อมูล

ผลิตภัณฑ์จากการเผาไหม้ : ไม่มีข้อมูล

ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย : ไม่มีข้อมูล

#### 11. ข้อมูลด้านพิษวิทยา (Toxicological Information)


##### ค่าประมาณการความเป็นพิษเฉียบพลัน :

กระด่าย(ทางปาก)	LD <sub>50</sub> (Rabbit)	900	มิลลิกรัม/กิโลกรัม
หนูพุก (ทางการหายใจ)	LC <sub>50</sub> (Rat)	8,300	มิลลิกรัม/ลูกบาศก์เมตร

##### ข้อมูลเพิ่มเติมทางพิษวิทยา : ไม่เป็นสารก่อมะเร็ง

การหายใจเข้าไป	ระคายเคืองจมูก คอ ปอด ไอ เจ็บคอ หายใจถี่ แผลไหม้ของเยื่อเมือก ทำให้ปอดบวม สารนี้ทำให้เนื้อเยื่อและบริเวณทางเดินหายใจส่วนบน ถูกทำลายอย่างรุนแรง
การสัมผัสทางผิวหนัง	เป็นแผลไหม้ อาจเป็นอันตรายหากถูกดูดซึมทางผิวหนัง
การสัมผัสทางดวงตา	ระคายเคืองดวงตา ดวงตาไหม้อย่างรุนแรง
การกลืนกิน	เกิดอาการปวดท้อง



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อาการที่ปรากฏ	คลื่นไส้ อาเจียน ปวดศีรษะ ง่วงซึม ผิวหนังอักเสบ
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## 12. ข้อมูลด้านนิเวศวิทยา (Ecological Information)

ความเป็นพิษต่อระบบนิเวศน์ :

ความเป็นพิษต่อปลา Mosquito fish  $LC_{50}$  : 282 มิลลิกรัม/ ลิตร/ 96 ชั่วโมง

ความเป็นพิษต่อ Crustacea Daphnia magna  $EC_{50}$  : 0.492 มิลลิกรัม/ ลิตร/ 48 ชั่วโมง

การตกค้างยาวนาน และความสามารถในการย่อยสลายทางชีวภาพ : สารนี้ไม่สามารถย่อยสลายทางชีวภาพ

ศักยภาพในการสะสมทางชีวภาพ: ไม่สะสมทางชีวภาพ

การเคลื่อนย้ายในดิน : ไม่มีข้อมูล

ผลกระทบในทางเสียหายนอื่นๆ : สารนี้เป็นพิษมากต่อสิ่งมีชีวิตในน้ำ

## 13. ข้อพิจารณาในการกำจัด (Disposal Considerations)

การกำจัดสาร : ใช้น้ำทำความสะอาด และทำให้เป็นกลางด้วย โซเดียมคาร์บอเนต หรือปูนขาว

บรรจุภัณฑ์ : ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป

## 14. ข้อมูลเกี่ยวกับการขนส่ง (Transport Information)

หมายเลขสหประชาชาติ (UN number): 1789

ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : Hydrochloric Acid

ประเภทความเป็นอันตรายสำหรับการขนส่ง : 8

กลุ่มการบรรจุ (ถ้ามี) : II

การติดฉลาก :




มลภาวะทางทะเล : ไม่มีข้อมูล

การขนส่งด้วยภาชนะขนาดใหญ่: แท็งก์มาตรฐาน L4BN

ข้อควรระวังพิเศษ : ไม่มีข้อมูล



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#### 15. ข้อมูลเกี่ยวกับกฎข้อบังคับ (Regulatory Information)

กฎหมาย/ข้อบังคับของประเทศไทย :

- พระราชบัญญัติวัตถุอันตราย พ.ศ. 2535

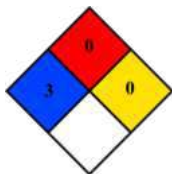
กระทรวงอุตสาหกรรม กำหนดประเภทวัตถุอันตราย: ชนิดที่ 3 (กรมโรงงานอุตสาหกรรม กรมประมง)

ประกาศกระทรวงอุตสาหกรรมเรื่องการขนส่งวัตถุอันตรายทางบก พ.ศ. 2546

ประกาศกรมการขนส่งทางบก เรื่องการติดป้ายอักษรภาพและเครื่องหมายของรถบรรทุกวัตถุอันตราย พ.ศ.2543

การติดฉลาก :

- NFPA:



Health Hazard : 3

Fire Hazard : 0

Reactivity Hazard : 1

- GHS:




#### 16. ข้อมูลอื่น ๆ (Other Information)

วันที่จัดทำเอกสารข้อมูลความปลอดภัย : 14 กุมภาพันธ์ 2556

แหล่งข้อมูลและเอกสารที่ใช้ทำเอกสารข้อมูลความปลอดภัย :

1. The National Institute for Occupational Safety and Health(NIOSH):NIOSH Pocket Guide to Chemical Hazards <http://www.cdc.gov/niosh/npg/npgdcas.html>
2. United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG)  
[http://www.unece.org/trans/danger/publi/unrec/rev14/English/05E\\_Index.pdf](http://www.unece.org/trans/danger/publi/unrec/rev14/English/05E_Index.pdf)



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	<b>กรดไฮโดรคลอริก</b>	





# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอไทรน้อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat C201

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :

EGATreat C201 (Isothiazolinone)

การใช้ประโยชน์ :

Microbiocide

ชื่อผู้ผลิต/ผู้จำหน่าย:

ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย)

ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย

อำเภอ ไทรน้อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710

หมายเลขโทรศัพท์ฉุกเฉิน :

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วน

หมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกความเป็นอันตรายแบบ GHS :

กัดกร่อนโลหะ ประเภท 1

เป็นพิษเฉียบพลัน(ทางปาก) ประเภท 4

เป็นพิษเฉียบพลัน (ทางผิวหนัง) ประเภท 3

กัดกร่อนผิวหนัง/ระคายเคืองผิวหนัง ประเภท 1A

ทำให้เกิดความเสียหายต่อดวงตาอย่างรุนแรง และระคายเคืองต่อดวงตา

ประเภท 1

เกิดการแพ้ต่อผิวหนัง ประเภท 1

ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ ประเภท 2

องค์ประกอบของฉลาก :

รูปสัญลักษณ์อันตราย :



คำสัญญาณ :

อันตราย

ข้อความแสดงความเป็นอันตราย :

อาจกัดกร่อนโลหะ

เป็นอันตรายถ้ากลืนกิน (ทางปาก)

เป็นพิษเมื่อสัมผัสกับผิวหนัง (ผิวหนัง)

เป็นพิษถ้าสูดดม (ไอระเหย)

ทำให้ผิวหนังไหม้อย่างรุนแรงและเกิดความเสียหายต่อดวงตา

ทำให้เกิดความเสียหายต่อดวงตาอย่างรุนแรง

อาจทำให้เกิดอาการแพ้ทางผิวหนัง

เป็นพิษต่อสิ่งมีชีวิตในน้ำที่มีผลกระทบในระยะยาว



## หัวข้อที่ 2 : การบ่งชี้ความเป็นอันตราย (ต่อ)

ข้อความแสดงข้อควรระวัง :

หลีกเลี่ยงการสัมผัสผิวหนังและดวงตา  
ในกรณีที่สัมผัสถูกดวงตาหรือผิวหนัง, ให้ล้างด้วยน้ำปริมาณมากๆ  
และให้ไปปรึกษาแพทย์  
เมื่อใช้ไม่ให้ดื่มหรือกลืนกินอาหาร  
จัดการและเปิดภาชนะด้วยความระมัดระวัง  
รีบถอดเสื้อผ้าที่ถูกสารปนเปื้อนออกทันที  
ให้ใช้เฉพาะในที่ที่ระบายอากาศได้ดี  
ห้ามหายใจเอาไอหรือควัน  
ใช้อุปกรณ์ป้องกันส่วนบุคคลตามความเหมาะสม  
สวมถุงมือป้องกัน  
สวมอุปกรณ์ป้องกันใบหน้า/ดวงตา  
ให้ปิดภาชนะให้แน่นและเก็บไว้ในที่ที่อากาศถ่ายเทสะดวก  
ใช้ภาชนะที่ต้านทานการกัดกร่อน  
ห้ามทิ้งในท่อระบายน้ำ

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท :

ไม่มี

## หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
5-Chloro-2-methyl-4-isothiazoln-3-one	26172-55-4	10.2-12.0
2-Methyl-4-isothiazolin-3-one	2682-20-4	3.0-4.5
4,5-Dichloro-2-methyl-4-isothiazolin-3-one	64359-81-5	≤ 0.1
Water	7732-18-5	≤ 86
Other		To 100

## หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :

รีบออกไปที่อากาศบริสุทธิ์ ถ้าไม่หายใจให้ใช้เครื่องช่วยหายใจ ถ้าหายใจลำบากให้ใช้ออกซิเจน รีบปฐมพยาบาล ห้ามช่วยหายใจแบบเป่าปาก  
ปฐมพยาบาลทันที ล้างด้วยน้ำไปปริมาณมากเป็นเวลาอย่างน้อย 15 นาที  
พร้อมถอดเสื้อผ้าและรองเท้าที่ปนเปื้อนสารออก ทำความสะอาดชุดก่อน  
นำกลับมาใช้

เมื่อสัมผัสดวงตา :

รีบล้างตาด้วยน้ำในปริมาณมากอย่างน้อย 15 นาที อาจต้องล้าง  
เปลือกตาทั้งบนล่างด้วย และให้ไปพบแพทย์ทันที

เมื่อกลืนกิน :

ถ้ากลืนกิน ให้ดื่มน้ำหรือนม 2 แก้ว รีบไปพบแพทย์ทันที อย่าให้อะไร  
ทางปากกับผู้หมดสติ

## หัวข้อที่ 5: มาตรการผจญเพลิง

จุดวาบไฟ :

ไม่มีข้อมูล

สารดับเพลิงที่เหมาะสม :

ละอองน้ำ โฟม คาร์บอนไดออกไซด์ และผลเคมีแห้ง

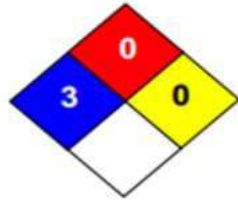
ข้อมูลที่ใช้ดับเพลิงพิเศษ :

ใช้น้ำฉีดฝอยให้เย็นที่ภาชนะบรรจุที่สัมผัสกับไฟ, ห้ามหายใจเอาควันเข้าไป  
ให้วิ่งหนีออกมา



## หัวข้อที่ 5: มาตรการผจญเพลิง (ต่อ)

NFPA:



HMIS rating:

ความไวไฟ	3
สุขภาพ	0
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิเศษ	

## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

อุณหภูมิที่จุดติดไฟได้เอง :

ไม่มีข้อมูล

ผลิตภัณฑ์สลายตัวที่เป็นอันตราย :

ไฮโดรเจนคลอไรด์, ไนโตรเจนออกไซด์ และ ซัลเฟอร์ออกไซด์  
ไฮโดรเจนไซยาไนด์ (กรดไฮโดรไซยานิก)

อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับ

สวมชุดดับเพลิงและอุปกรณ์ป้องกันทางเดินหายใจชนิดถังบรรจุอากาศ  
แบบพกพา (Self-Contained Breathing Apparatus, SCBA)

นักผจญเพลิง :

ปริมาณเปอร์เซ็นต์ของแก๊สหรือไอระเหยที่ผสมกับอากาศ จนเกิดเป็นส่วนผสมที่เหมาะสมที่จะทำให้เกิดการระเบิดได้

(ขั้นต่ำ-มากที่สุด) :

ไม่มีข้อมูล

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :

สวมอุปกรณ์ป้องกันภัยส่วนบุคคลที่เหมาะสม (ดูข้อมูลเพิ่มเติมหัวข้อที่ 8  
การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล)

ขั้นตอนการปฏิบัติในกรณีฉุกเฉิน :

ป้องกันไม่ให้เกิดการรั่วไหลเพิ่มเติม ถ้าสามารถทำได้อย่างปลอดภัย  
อพยพคนออกจากพื้นที่สารหก

ข้อควรระวังด้านสิ่งแวดล้อม :

เก็บและทำความสะอาดที่ไหลออกไปทางท่อระบายน้ำและแหล่งน้ำ  
ธรรมชาติ

วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :

ดูดซับสารที่หกด้วย spill pillows หรือ insert solids เช่น ดิน หรือ  
เวอร์มิกูไลต์ และถ่ายวัสดุที่ปนเปื้อนลงบรรจุภัณฑ์ที่เหมาะสมเพื่อไป  
กำจัดทิ้ง ยับยั้งฤทธิ์บริเวณที่สารหกด้วย สารละลายที่เตรียมขึ้นใหม่ของ  
5% sodium bicarbonate และ 5% sodium hydrochlorite ในน้ำ  
นำสารละลายมาใช้ในบริเวณที่หกรั่วไหลในอัตราส่วนของสารละลาย  
10 ต่อของสารที่หกรั่วไหล รอ 30 นาทีแล้วล้างด้วยน้ำปริมาณมากใน  
บริเวณที่สารหกรั่วไหล (หากเป็นไปตามขั้นตอน, ใบอนุญาต  
และกฎระเบียบ)

ข้อมูลเพิ่มเติม (อ้างอิงจากข้อมูลความปลอดภัย

หัวข้อที่ 7 ข้อมูลการขนถ่าย เคลื่อนย้าย ใช้งาน อย่างปลอดภัย

หัวข้ออื่น)

หัวข้อที่ 8 ข้อมูลอุปกรณ์ป้องกันอันตรายส่วนบุคคล

หัวข้อที่ 13 ข้อมูลการจัดการ

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้งานอย่าง  
ปลอดภัย :

ล้างให้สะอาด ถอดเสื้อผ้าที่ปนเปื้อนและซักให้สะอาดก่อน ใช้ในการ  
ระบายอากาศ

สภาวะการเก็บรักษาอย่างปลอดภัย :

ห้ามให้สัมผัสตา, ผิวหนัง, และเสื้อผ้า หลีกเลี่ยงการสูดดมและกลืนกิน  
อุณหภูมิที่แนะนำในการเก็บรักษาที่ 40 องศาเซลเซียส อุณหภูมิต่ำสุดที่  
แนะนำในการเก็บรักษาที่ -10 องศาเซลเซียส ที่เก็บรักษาต้องเป็นที่  
ที่อากาศถ่ายเทได้ดี เพื่อป้องกันการสะสมของความดันผลิตภัณฑ์ที่บรรจุ  
ในภาชนะที่มีการระบายพิเศษ เก็บผลิตภัณฑ์ไว้ในภาชนะบรรจุเดิมเมื่อ  
ไม่ได้ใช้งาน ภาชนะจะต้องจัดเก็บและขนส่งในตำแหน่งที่ตั้งตรงเพื่อ  
ป้องกันไม่ให้สารรั่วผ่านช่องระบายไม่เก็บวัสดุนี้ในภาชนะที่ทำจากเหล็ก  
อันตรายจากภาชนะบรรจุเปล่าเนื่องจากภาชนะบรรจุเปล่ามีเศษ

อื่นๆ :



## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา (ต่อ)

ผลิตภัณฑ์ (ไอและ/หรือ ของเหลว) ปฏิบัติตามเอกสารข้อมูลความปลอดภัยและฉลากเตือนหลังจากภาชนะบรรจุว่างเปล่า

## หัวข้อที่ 8: การควบคุมการสัมผัสและการป้องกันส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการสัมผัส :	ไม่มี
การควบคุมทางวิศวกรรมที่เหมาะสม :	ใช้ในการระบายอากาศเพียงพอให้ความเข้มข้นในอากาศต่ำ
ระบบระบายอากาศ :	ให้เป็นไปตามระบบทั่วไปหรือท้องถิ่นระบายอากาศที่เสียเพื่อรักษาความเข้มข้นในอากาศภายใต้ OSHA PELs การระบายอากาศเสียของท้องถิ่น
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	
การป้องกันตา/หน้า :	แว่นตาป้องกันสารเคมีและป้องกันใบหน้า ตามมาตรฐาน OSHA's ใน 29 CFR 1910.133 หรือ European Standard EN 166
การป้องกันผิวหนัง :	สวมชุดป้องกันสารเคมี
การป้องกันมือ :	สวมถุงมือ (PVC gloves, Nitrile gloves, Butyl gloves)
การป้องกันระบบหายใจ :	ปฏิบัติตามข้อกำหนดของ OSHA's ใน 29 CFR 1910.143 หรือ ANSI Z88.2 หรือ European Standard EN 149
ข้อควรปฏิบัติ :	เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี ล้างมือหลังการทำงานกับสาร ก่อนกินอาหาร หรือสูบบุหรี่ ห้ามกินอาหาร ดื่มหรือสูบบุหรี่ในบริเวณงาน

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	ของเหลวใส ไม่มีสี-มีสีเหลืองอ่อน
กลิ่น :	มีกลิ่นฉุน
ค่าขีดจำกัดของกลิ่นที่ได้รับ :	ไม่มีข้อมูล
ค่าความเป็นกรด-ด่าง (pH) (สารละลาย 1%) :	2-4
จุดหลอมเหลว / จุดเยือกแข็ง :	~-33°C
จุดเดือดเริ่มต้นและช่วงของการเดือด :	100°C
จุดวาบไฟ :	ไม่ใช่สารละลายไวไฟ
อัตราการระเหย :	< 1
ความสามารถในการลุกติดไฟได้ของของแข็งและก๊าซ :	ไม่สามารถใช้ได้
ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟหรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (%), v/v)	ไม่มีข้อมูล
ความดันไอ(mm Hg) :	0.0027(5-Chloro-2-methyl-4-isothiazoline-3-one), $4.4 \times 10^{-5}$ (2-Methyl-4-isothiazolin-3-one)
ความหนาแน่นไอ :	~ 0.62 g/l (Equivalent to water)
ความถ่วงจำเพาะที่ 20°C :	1.3
ความสามารถในการละลาย :	ละลายในน้ำ
ค่าสัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ	
$\log K_{aw}$ :	0.401
อุณหภูมิที่ลุกติดไฟได้เอง :	ไม่มีข้อมูล
อุณหภูมิของการสลายตัว :	ไม่มีข้อมูล
ความหนืด (Bulk viscosity) (cps) :	ไม่มีข้อมูล
ข้อมูลอื่น ๆ :	ข้อมูลทางกายภาพเป็นข้อมูลจากตัวอย่างทดสอบซึ่งอาจจะแตกต่างตามแต่ละตัวอย่างค่าที่ได้ดังกล่าวไม่ควรที่จะถูกวิเคราะห์ว่าเป็นผลวิเคราะห์รับรองค่าของตัวอย่างเฉพาะส่วนใดหรือเป็นข้อมูลจำเพาะของผลิตภัณฑ์



## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี :	เสถียรที่อุณหภูมิห้องในภาชนะที่ปิดภายใต้การเก็บรักษาและจัดการทั่วไป
สภาวะที่ควรหลีกเลี่ยง :	วัตถุติดไฟ, ความร้อนที่เกินขนาด
วัสดุที่เข้ากันไม่ได้ :	สารออกซิไดซ์, เบส, เอมีน และ เมอแคปแทน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	การสลายตัวด้วยความร้อน อาจทำให้เกิดไฮโดรเจนคลอไรด์, ซัลเฟอร์ไดออกไซด์และออกไซด์ของไนโตรเจน
อันตรายจากการเกิดปฏิกิริยาโพลิเมอร์ :	ไม่ได้รับรายงาน

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

วิธีทางและรูปแบบของการได้รับสารเข้าสู่ร่างกาย :	กักร่อนดวงตา
สัมผัสดวงตา :	ผลการระคายเคืองผิวหนังอาจล่าช้าเป็นเวลาหลายชั่วโมง วัตถุติดไฟ อาจก่อให้เกิดผลดังนี้ เผาไหม้-กักร่อนที่ผิวหนัง-ผื่นแพ้สัมผัส
สัมผัสผิวหนัง :	
เข้าสู่ร่างกาย :	วัตถุติดไฟเป็นอันตรายถ้ากลืนกิน
การสูดดม :	ทำให้เกิดการระคายเคืองของจมูก, ลำคอ และปอด อาการของการได้รับสารทำให้เกิดอาการ ผื่นไหม้และปวดอย่างรุนแรง
ความเป็นพิษเฉียบพลัน :	LD <sub>50</sub> (ปาก, หนู) : 457 mg/kg LD <sub>50</sub> (ผิวหนัง, กระต่าย) : 660 mg/kg LC <sub>50</sub> (การสูดดม, หนู) : 0.33 mg/l ai, 4 ชั่วโมง
การกักร่อนและการระคายเคืองต่อผิวหนัง :	กระต่าย, กักร่อน
การทำลายดวงตาอย่างรุนแรง/การระคายเคืองต่อดวงตา :	กระต่าย, กักร่อน
การก่อให้เกิดการกลายพันธุ์ของเซลล์สืบพันธุ์ :	ไม่มีข้อมูล
การก่อมะเร็ง :	ไม่มีข้อมูล
ความเป็นพิษต่อระบบสืบพันธุ์ :	ไม่มีข้อมูล
ความเป็นพิษต่อระบบอวัยวะเป้าหมายที่เฉพาะเจาะจง จากการรับสัมผัสครั้งเดียว :	ไม่มีข้อมูล
ความเป็นพิษต่อระบบอวัยวะเป้าหมายที่เฉพาะเจาะจง จากการรับสัมผัสซ้ำ :	ไม่มีข้อมูล
อันตรายจากการสลาย :	ไม่มีข้อมูล

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ :	ฉับพลัน ปลา 96 ชั่วโมง LC50, เรนโบว์เทราร์ท : 0.19 mg/l ฉับพลัน ปลา 96 ชั่วโมง LC50, บลูกิว ชันพิช: 0.28 mg/l ฉับพลัน Daphnia 48 ชั่วโมง EC50 : 0.16 mg/l ฉับพลัน Algal EC50, Selenastrum : 18µg/l ฉับพลัน Algal EC50, Skeletonema : 3µg/l Activated Sludge Respiration EC50 : 4.5 mg/l
การเปลี่ยนแปลงในสิ่งแวดล้อม :	CAS#26172-55-4 : Octanol/water Coefficient=0.401 (log P) CAS#2682-20-4: Octanol/water Coefficient=-0.486 (log P)
กระบวนการย่อยสลาย :	CAS#26172-55-4 : t1/2 anerobic = 4.8 ชั่วโมง CAS#26172-55-4 : t1/2 anerobic = 17.3 ชั่วโมง CAS#26172-55-4 : t1/2 anerobic = 9.1 ชั่วโมง
ผลกระทบอื่น ๆ :	ไม่มีข้อมูล



### หัวข้อที่ 13: มาตรการการกำจัด

มาตรการการกำจัด :	ไม่มีข้อมูล
ข้อควรระวังด้านสิ่งแวดล้อม :	เก็บและทำความสะอาดสารที่หกหรือไหลออกที่ระบายน้ำและแหล่งน้ำธรรมชาติ
การจัดหมวดหมู่ของเสีย :	เมื่อจะทำที่สิ่งวัสดุนี้จะจัดเป็น RCRA ของเสียอันตรายที่มีลักษณะของการกัดกร่อนของเสียอันตรายหมายเลข D002
คำแนะนำอื่นๆ :	การเผาของเหลวและของแข็งที่ปนเปื้อนเป็นไปตามข้อตกลงท้องถิ่น, รัฐ และกฎระเบียบรัฐบาล (ดู 40 CFR 268)

### หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

DOT ชื่อที่ใช้ในการขนส่ง :	ของเหลวกัดกร่อน, เป็นกรด, ออร์แกนิก, N.O.S., ไอโซโทอะไอลีน, ไมโครไบโอไซด์
ประเภทอันตรายตามกรมการขนส่ง :	8
หมายเลข UN :	2922
กลุ่มบรรจุภัณฑ์ :	II
มลพิษทางทะเล(ใช่/ไม่ใช่) :	ใช่
ข้อควรระวังสำหรับผู้ใช้ :	ไม่มี
หมายเหตุ :	รายละเอียดที่ได้ให้ไว้ในส่วนนี้เป็นเพียงการให้ข้อมูลเท่านั้น กรุณาทำตามข้อบังคับที่เหมาะสมในการแบ่งประเภทการจัดขนส่ง

### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

การจัดหมวดหมู่ในสถานที่ทำงาน :	ผลิตภัณฑ์นี้เป็นอันตรายได้มาตรฐาน OSHA Hazard Communication Standard (29CFR 1910.1200) ผลิตภัณฑ์นี้อยู่ภายใต้การควบคุมของ Canadian Pest Control Products Act (P.C.P.Act) ดังนั้นผลิตภัณฑ์นี้ถูกยกเว้นจากการติดฉลากและเอกสารข้อมูลความปลอดภัยที่ระบุไว้ในส่วนที่ 12 ของอันตรายของผลิตภัณฑ์
SARA TITLE 3 : Section 311/312 Categorizations (40CFR 370)	ผลิตภัณฑ์นี้เป็นอันตรายภายใต้มาตรฐาน 29CFR 1910.1200, จัดเป็นอันตรายต่อสุขภาพที่เกิดขึ้นได้ทันที
SARA TITLE 3 : Section 313 Information (40CFR 372)	ผลิตภัณฑ์นี้มีสารเคมีที่แสดงไว้ในส่วน 313: Magnesium nitrate (10377-60-3)
CERCLA Information (40CFR 302.4) :	ผลิตภัณฑ์นี้มีปริมาณรายงานภายใต้การครอบคลุมการตอบสนองด้านสิ่งแวดล้อม, ค่าชดเชย, และพระราชบัญญัติความรับผิดชอบ (CERCLA) และ Superfund Amendments and Reauthorization Act (SARA) Title III Section 304 หมายเลขของเสียอันตรายและปริมาณรายงานของวัตถุอันตรายที่ระบุไว้ด้านล่าง, การปล่อยวัตถุอันตรายเกินจากปริมาณที่ต้อง National Response Center(1-800-424-8802) ตามความเหมาะสมของรัฐและของท้องถิ่น, การกัดกร่อน 100lbs
รัฐ :	ผลิตภัณฑ์นี้เป็นเรื่องภายใต้การควบคุมภายใต้ US Federal Insecticide and Rodenticide Act (FIFRA) และ ได้รับการยกเว้นจาก U.S. Toxic Substances Control Act (TSCA)



## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ (ต่อ)

ข้อกำหนดของยุโรป/นานาชาติ :

การติดฉลากของยุโรปตาม EC Directives :

สัญลักษณ์อันตราย :

ข้อความที่เสี่ยง :

C- กัดกร่อน

R-34 ที่ให้เกิดแผลไหม้

R20/21/22 เป็นอันตรายโดยการสูดดม, ในการสัมผัสผิวหนังและ  
ถ้ากินกิน

R43 อาจทำให้เกิดอาการแพ้โดยการสัมผัสกับผิวหนัง

ข้อมูลความปลอดภัย :

S36/37/39 ใส่เสื้อผ้า สวมถุงมือ และใส่หน้ากากป้องกันดวงตาและ  
ใบหน้าตามความเหมาะสม

S26 ในกรณีที่สัมผัสถูกดวงตา ให้รีบล้างตาด้วยน้ำปริมาณมาก และให้  
พบแพทย์

S45 ในกรณีที่เกิดอุบัติเหตุหรือถ้าคุณรู้สึกไม่สบาย, ให้รีบไปพบแพทย์

## หัวข้อที่ 16: ข้อมูลอื่น

หนังสืออ้างอิง :

1. CHEMINFO DATABASE, CCINFO disc, 2006-1

2. RTECS database, TOMES PLUS disc, Vol68, 2006

3. HSDB database, TOMES PLUS disc, Vol68, 2006

4. IRIS database, EPA

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

01 June 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอลำลูกเกด จังหวัดนครปฐม ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat C302

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	EGATreat C302 (Tolytriazole)
การใช้ประโยชน์ :	ป้องกันการกัดกร่อนโลหะประเภทคอปเปอร์
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอลำลูกเกด จังหวัด นครปฐม รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทสารเดี่ยวหรือสารผสม :	สารผสม
Classification according to Regulation (EC) No 1272/2008 [CLP] :	ความเป็นพิษเฉียบพลันทางช่องปาก ประเภท 3 ความเป็นพิษเฉียบพลันทางการสูดดม ประเภท 3 การระคายเคืองดวงตา ประเภท 1 ความเป็นพิษต่อระบบนิเวศในน้ำเรื้อรัง ประเภท 4
Classification according to Directive 67/548/EEC[DSD] or Directive 1999/45/EC[OPD] :	อันตรายหากกลืนกิน ทำให้เกิดความเสียหายดวงตาอย่างรุนแรง เป็นอันตราย ต่อสิ่งมีชีวิตในน้ำ อาจทำให้เกิดผลข้างเคียงในระยะยาวในสภาพแวดล้อมทางน้ำ

รูปสัญลักษณ์อันตราย :



คำสัญญาณ :	กัดกร่อน
ข้อความแสดงความเป็นอันตราย :	อาจกัดกร่อนโลหะ
ข้อความแสดงข้อควรระวัง :	เก็บในภาชนะเดิมเท่านั้น ดูข้อบ่งชี้ที่หกรั่วไหลเพื่อป้องกันความเสียหายของวัสดุ เก็บสารหกรั่วไหล

### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Tolytriazole sodium salt	64665-57-2	>49.5-51.0%
Free sodium hydroxide	1310-73-2	< 0.5 %
Water	7732-18-5	49-50.5%



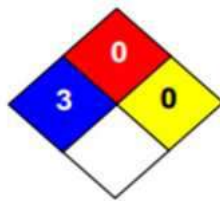
#### หัวข้อที่ 4: วิธีการปฐมพยาบาล

ทั่วไป :	ห้ามทำให้อาเจียน ให้ดื่มน้ำปริมาณมากๆ, น้ำส้มสายชู 1:4 หรือน้ำมะนาวตามด้วยนม ไม่ควรให้อะไรทางปากกับผู้ที่ไม่มีสติ รีบไปพบแพทย์
เมื่อสูดดม :	เคลื่อนย้ายไปยังที่มีอากาศบริสุทธิ์หลีกเลี่ยงการออกกำลังกายและไปพบแพทย์ถ้าหายใจลำบากให้ออกซิเจน
เมื่อสัมผัสผิวหนัง :	ล้างด้วยสบู่และน้ำปริมาณมาก หากเกิดการระคายเคืองต่อผิวหนังควรนำส่งแพทย์ทันที
เมื่อสัมผัสดวงตา :	ล้างออกด้วยความระมัดระวังด้วยน้ำเป็นเวลาหลายนาที ถ้ามีคอนแทคเลนส์ให้ถอดออก และล้างต้อหากยังมียาการระคายเคืองตา ให้รีบไปพบแพทย์
เมื่อกลืนกิน :	ล้างปาก ห้ามทำให้อาเจียน ถ้าอาเจียนเกิดขึ้น ป้องกันศีรษะอย่าให้ต่ำกว่าสะโพก เพื่อป้องกันการสำลักในปอด รีบนำส่งแพทย์ทันที

#### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	โฟม คาร์บอนไดออกไซด์ และผลเคมีแห้ง
สารดับเพลิงที่ไม่เหมาะสม :	ไม่มีข้อมูล
อันตรายที่เกิดขึ้นจากสารหรือของผสม :	คาร์บอนไดออกไซด์ (CO <sub>2</sub> ) ไนโตรเจนออกไซด์ (NO <sub>x</sub> )
อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง	ผู้ดับเพลิงควรสวมเครื่องช่วยหายใจและอุปกรณ์ป้องกันที่เหมาะสม ดับเพลิงในสายลม ให้แน่ใจว่ามีการถ่ายเทอากาศเพียงพอ เคลื่อนย้ายภาชนะออกจากบริเวณที่เกิดเพลิงไหม้หากทำได้โดยไม่เกิดความเสี่ยง เก็บภาชนะให้เย็นด้วยน้ำ

NFPA:



HMIS rating:

ความไวไฟ	1
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิเศษ	

#### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	สวมอุปกรณ์ป้องกันภัยส่วนบุคคลที่เหมาะสม (ดูข้อมูลเพิ่มเติมหัวข้อที่ 8 การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล)
ขั้นตอนการปฏิบัติในกรณีฉุกเฉิน :	ให้แน่ใจว่ามีการถ่ายเทอากาศเพียงพอ นำแหล่งกำเนิดไฟทั้งหมดออก หลีกเลี่ยงการสัมผัสกับดวงตาและผิวหนัง หลีกเลี่ยงการเกิดฝุ่น
ข้อควรระวังด้านสิ่งแวดล้อม :	ห้ามทิ้งลงสู่ท่อระบายน้ำ/น้ำผิวดิน/น้ำบาดาล ต้องหลีกเลี่ยงการปล่อยสู่สิ่งแวดล้อม แจ้งหน่วยงานที่เกี่ยวข้องหากผลิตภัณฑ์ก่อให้เกิดมลภาวะต่อสิ่งแวดล้อม
วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :	เก็บกวาดขึ้นใส่ภาชนะและรอการกำจัด ล้างบริเวณที่ปนเปื้อนด้วยน้ำปริมาณมาก หลีกเลี่ยงการสร้างฝุ่น
ข้อมูลเพิ่มเติม (อ้างอิงจากข้อมูลความปลอดภัยหัวข้ออื่น) :	หัวข้อที่ 7 ข้อมูลการขนส่ง เคลื่อนย้าย ใช้งาน อย่างปลอดภัย หัวข้อที่ 8 ข้อมูลอุปกรณ์ป้องกันอันตรายส่วนบุคคล หัวข้อที่ 13 ข้อมูลการจัดการ

#### หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้งาน	
อย่างปลอดภัย :	ใช้งานตามมาตรฐานสุขอนามัยในโรงงานอุตสาหกรรมและแนวปฏิบัติเพื่อความ



## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา (ต่อ)

สถานะการเก็บรักษาอย่างปลอดภัย :	ปลอดภัยควรมีการระบายอากาศอย่างเพียงพอในระหว่างการใช้งานและเคลื่อนย้าย หลีกเลี่ยงการสัมผัสผิวหนังและดวงตา ปิดภาชนะบรรจุให้แน่นจัดเก็บในที่แห้งมีอากาศถ่ายเทที่อุณหภูมิห้อง เก็บให้ห่างจากความร้อน ประกายไฟ หรือพื้นผิวที่ร้อน อาหาร เครื่องดื่ม ยาสูบ
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## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการสัมผัส :	ไม่มี
การควบคุมทางวิศวกรรมที่เหมาะสม :	จัดหาระบบระบายไอเสียหรือระบายอากาศแบบภายในอาคาร เตรียมฝักบัวและอุปกรณ์ล้างตาเพื่อความปลอดภัย
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	
การป้องกันตา/หน้า :	สวมแว่นตาป้องกันสารเคมีตามมาตรฐาน EN 166
การป้องกันผิวหนัง :	สวมใส่ชุดที่ปกปิดร่างกายมิดชิด
การป้องกันมือ :	สวมถุงมือป้องกันสารเคมี
การป้องกันระบบหายใจ :	ปฏิบัติตามระเบียบข้อบังคับของ OSHA ที่ระบุใน 29 CFR 1910.134 หรือตามมาตรฐาน EN 149

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	สีเหลืองใสไปถึงสีเหลืองอำพัน
กลิ่น :	กลิ่นอ่อน
ค่าความเป็นกรด-ด่าง (pH) :	ไม่น้อยกว่า 12.0
จุดหลอมเหลว / จุดเยือกแข็ง :	8 °C
จุดเดือดเริ่มต้นและช่วงของการเดือด :	100°C ที่ 1.013 เฮกโคปาสกาล
จุดวาบไฟ :	170 °C ที่ระบบปิด
ความดันไอ :	0.04
ความหนาแน่น :	1.19 กรัมต่อลูกบาศก์เซนติเมตร
การละลาย :	ละลายน้ำ
ความไวไฟ :	ติดไฟได้
ข้อมูลอื่น ๆ	-

## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	มีเสถียรภาพภายใต้สภาวะการเก็บและการจัดการที่แนะนำ (ดูหัวข้อที่ 7 การจัดการและการเก็บรักษา )
ความคงตัว :	มีความคงตัวภายใต้สภาวะปกติ
สารหรือกรณีที่ควรหลีกเลี่ยง :	อุณหภูมิสูงและวัสดุที่เข้ากันไม่ได้
วัสดุที่เข้ากันไม่ได้ :	วัสดุออกซิไดซ์รุนแรงและโลหะหนัก
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	ผลิตภัณฑ์การสลายตัวอื่นๆ

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน :	LD <sub>50</sub> (ปาก,หนู) : 1980 mg/lg LD <sub>50</sub> (เนื้อเยื่อ,กระต่าย) : 2000 mg/kg
การกัดกร่อนและการระคายเคืองต่อผิวหนัง :	กัดกร่อนรุนแรง ก่อให้เกิดแผลไหม้
การทำลายดวงตาอย่างรุนแรง/การระคายเคืองต่อดวงตา :	ทำให้เกิดอาการระคายเคืองตา



## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ :

ความเป็นพิษต่อปลา :

LC<sub>50</sub> : 122 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : Zebra fish, ระยะเวลาในการทดลอง : 96 ชั่วโมง )

LC<sub>50</sub> > 173 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : Bluegill sunfish, ระยะเวลาในการทดลอง : 96 ชั่วโมง )

LC<sub>50</sub> > 25 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : Raincow trout, ระยะเวลาในการทดลอง : 96 ชั่วโมง)

ความเป็นพิษต่อไรน้ำและสิ่งมีชีวิตในน้ำที่ไม่มีกระดูกสันหลังอื่นๆ :

EC<sub>50</sub> : 280 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : ไรน้ำ, ระยะเวลาในการทดลอง : 48 ชั่วโมง)

EC<sub>50</sub> : 26.2 มิลลิกรัมต่อลิตร (สัตว์ทดลอง : Selenastrum capricornutum, ระยะเวลาในการทดลอง : 96 ชั่วโมง)

ผลการประเมิน PBT และ vPvB :

ผลกระทบอื่น ๆ :

ข้อมูลไม่สามารถใช้ได้เนื่องจากไม่ได้มีการประเมินความปลอดภัยทางเคมีเป็นอันตรายต่อสิ่งมีชีวิตในน้ำโดยมีผลในระยะยาว

## หัวข้อที่ 13: มาตรการการกำจัด

การกำจัดสาร :

ให้ปฏิบัติตามกฎหมายและข้อกำหนดท้องถิ่น/ระดับประเทศ ติดต่อบริษัทรับกำจัดของเสียที่ได้รับอนุญาต

บรรจุภัณฑ์ :

ให้กำจัดตามระเบียบราชการที่บ่อน้ำมันสารเคมีให้จัดการเช่นเดียวกับตัวสารเคมี ส่วนบรรจุภัณฑ์ที่ไม่ปนเปื้อนให้กำจัดเหมือนของเสียตามบ้านหรือนำกลับมาใช้

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

UN Number :

3267

UN Class :

8

UN Packin Group :

III/II

Transport hazard class :

8

UN proper shipping name :

Corrosive liquid, basic, organic, N.O.S.

ข้อควรระวังสำหรับผู้ใช้ :

มีฤทธิ์กัดกร่อน, ซึ่งทำให้ระคายเคือง

หมายเหตุ :

ควรขนส่งแยกกับของรับประทาน

## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

ไม่ระบุ

## หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

1 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอโทรนอย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat F203

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :

EGATreat F203 (Nitrite Borax Corrosion Inhibitor)

การใช้ประโยชน์

ใช้สำหรับการบำบัดน้ำหล่อเย็นในระบบปิด ระบบกึ่งปิด ระบบเปิดและในกรณีพิเศษจะสร้างแผ่นฟิล์มป้องกันบนพื้นผิวโลหะ เช่น เหล็ก ทองแดง และทองแดงผสม

ชื่อผู้ผลิต/ผู้จำหน่าย:

ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย

อำเภอ โทรนอย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710

หมายเลขโทรศัพท์ฉุกเฉิน :

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทของสารหรือสารผสม :

Sodium Nitrite, Borax, Corrosion Inhibitor

การแบ่งประเภทตามข้อบังคับ (จีซี) เลขที่ 1272/2008

องค์ประกอบของฉลาก :

รูปสัญลักษณ์อันตราย :



ข้อความแสดงความเป็นอันตราย :

อันตราย

H272 - อาจทวีความรุนแรงของไฟ; เป็นตัวออกซิไดซ์

H301 - ทำให้เกิดการระคายเคืองต่อตาอย่างรุนแรง

H400 - เป็นพิษมากต่อสิ่งมีชีวิตในน้ำ

ข้อความแสดงข้อควรระวัง :

P220 - เก็บให้ห่างจากเสื้อผ้า/วัตถุติดไฟ

P273 - หลีกเลี่ยงการรั่วไหลสู่สิ่งแวดล้อม

P301+P310 - ถ้ากลืนกิน ให้รีบโทรศัพท์ปรึกษาศูนย์พิษวิทยาหรือแพทย์ทันที

P305+P351+P338 - ถ้าเข้าดวงตา ล้างด้วยน้ำเป็นเวลาหลายๆนาที ให้ถอด

คอนแทคเลนส์ออก หากถอดออกได้ง่ายให้ล้างตาต่อไป

การจำแนกตามแนวทาง 67/548/EEC หรือแนวทาง 1999/45/EC

ไม่มี

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท :

ไม่มี



### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Sodium Nitrite	7632-00-0	80-90
Borax	1303-96-4	10-20
Corosion Inhibitor	-	Max 0.2

### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	การหายใจเข้าไป ให้เคลื่อนย้ายผู้ป่วยออกไปที่มีอากาศบริสุทธิ์ ถ้าผู้ป่วยหายใจลำบาก ส่งไปพบแพทย์
เมื่อสัมผัสผิวหนัง :	เมื่อถูกผิวหนัง ให้ล้างผิวหนังด้วยสบู่และน้ำปริมาณมากทันทีและนำไปพบแพทย์
เมื่อสัมผัสดวงตา :	ถ้าสัมผัสถูกตา ให้ฉีดล้างตาทันทีด้วยน้ำปริมาณมากเป็นเวลาอย่างน้อย 15 นาที และเพื่อให้แน่ใจว่าล้างสารปนเปื้อนออกหมดให้ใช้น้ำล้างเปลือกตา ในระหว่างที่ล้าง ให้นำผู้ป่วยไปพบแพทย์
เมื่อกลืนกิน :	ถ้ากลืนกินเข้าไป ให้ผู้ป่วยล้างปากด้วยน้ำปริมาณมาก ในกรณีที่ผู้ป่วยยังมีสติ ให้รับนำไปพบแพทย์

### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	น้ำ คาร์บอนไดออกไซด์ ผงเคมีแห้ง หรือโฟมที่เหมาะสม
อันตรายเฉพาะอย่างที่เกิดจากสารหรือส่วนผสม :	คาร์บอน มอนออกไซด์, ก๊าซไฮโดรเจนคลอไรด์
อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง :	สวมใส่อุปกรณ์ป้องกันการหายใจชนิดมีถังอากาศในตัว (SCBA) และชุดป้องกันสารเคมีสัมผัสผิวหนังและตา
ปริมาณเปอร์เซ็นต์ของแก๊สหรือไอระเหยที่ผสมกับอากาศ จนเกิดเป็นส่วนผสมที่เหมาะสมที่จะทำให้เกิดการระเบิดได้ (ขั้นต่ำ-มากที่สุด) :	เมื่อเกิดเพลิงไหม้จะทำให้เกิดก๊าซพิษออกมา การสัมผัสกับวัตถุอื่น อาจทำให้เกิดเพลิงไหม้ อาจเร่งให้เกิดการเผาไหม้

NFPA :



HMIS rating:

ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	1
ข้อมูลพิเศษ	

### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	สวมอุปกรณ์ป้องกันภัยส่วนบุคคลที่เหมาะสม (ดูข้อมูลเพิ่มเติมหัวข้อที่ 8)
ขั้นตอนการปฏิบัติในกรณีฉุกเฉิน :	การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล ให้เลิกใช้ด้วยความระมัดระวังเพื่อป้องกันการสัมผัสกับผิวหนังหรือตาที่สัมผัส และป้องกันไม่ให้สูดดมสารเคมี
ข้อควรระวังด้านสิ่งแวดล้อม :	อย่าปล่อยให้เข้าไปในท่อน้ำทิ้ง/น้ำบนดินหรือใต้ดิน
วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :	เก็บกวาดใส่ในถุงบรรจุและเก็บไว้เพื่อนำไปกำจัด ฉีดล้างบริเวณที่สารหกั่วไหลด้วยน้ำปริมาณมากๆ หลังจากเก็บกวาดเรียบร้อยแล้ว
ข้อมูลเพิ่มเติม (อ้างอิงจากข้อมูลความปลอดภัยหัวข้ออื่น) :	หัวข้อที่ 7 ข้อมูลการขนส่ง เคลื่อนย้าย ใช้งาน อย่างปลอดภัย หัวข้อที่ 8 ข้อมูลอุปกรณ์ป้องกันอันตรายส่วนบุคคล หัวข้อที่ 13 ข้อมูลการจัดการ



## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย	ผู้ขนถ่ายเคลื่อนย้ายไม่ควรสูดดมสารเคมี หลีกเลี่ยงการสัมผัสกับตา ผิวหนัง และเสื้อผ้าที่สวมใส่ หลีกเลี่ยงการสัมผัสโดนสารเคมีเป็นเวลานานๆ
ใช้งานอย่างปลอดภัย :	เก็บในภาชนะที่ปิดมิดชิด
สภาวะการเก็บรักษาอย่างปลอดภัย :	เก็บให้ห่างจากสารติดไฟได้ แหล่งที่มีความร้อน ประกายไฟและเปลวไฟ
สารที่เข้ากันไม่ได้ :	

## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการสัมผัส :	ไม่มีข้อมูล
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	
การป้องกันตา/หน้า :	แว่นตาป้องกันสารเคมี
การป้องกันผิวหนัง :	สวมชุดป้องกันสารเคมี
การป้องกันมือ :	สวมถุงมือ
การป้องกันระบบหายใจ :	กรณีที่อยู่เป็นเวลาสั้นๆ หรืออากาศเป็นพิษระดับต่ำใช้หน้ากากกรองเพื่อช่วยหายใจในกรณีที่มีความเข้มข้นสูงหรืออยู่เป็นเวลานานให้ใช้เครื่องป้องกันที่มีอุปกรณ์ช่วยหายใจในตัว
ข้อควรปฏิบัติ :	เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี ล้างมือหลังการทำงานกับสาร ก่อนกินอาหาร หรือสูบบุหรี่

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	ของแข็งสีขาวถึงสีเหลืองอ่อน
กลิ่น :	ไม่มีกลิ่น
ค่าความเป็นกรด-ด่าง (pH) :	ไม่มีข้อมูล
จุดหลอมเหลว / จุดเยือกแข็ง :	จุดหลอมเหลว 271°C
จุดวาบไฟ :	ไม่มีข้อมูล
ความสามารถในการลุกติดไฟได้ของของแข็งและก๊าซ :	ไม่มีข้อมูล
อุณหภูมิสลายตัว :	ไม่มีข้อมูล
อันตรายจากการระเบิด :	ไม่มีข้อมูล
ความหนาแน่นที่ 25°C	2.168 g/cm <sup>3</sup>
ความหนาแน่นรวมที่ 25 °C	ไม่มีข้อมูล
ความสามารถในการละลาย :	ละลายได้ในน้ำ
ค่าสัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (log K <sub>ow</sub> ) :	ไม่ได้กำหนดไว้

## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี :	มีความเสถียรในสภาวะปกติ
สภาวะที่ควรหลีกเลี่ยง :	ความชื้น
วัสดุที่เข้ากันไม่ได้ :	เกลือแอมโมเนียม, แอคทิเวเต็ด คาร์บอน, กรดไฮยาโนด และสารลดออกซิเจน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	คาร์บอน มอนอกไซด์, คาร์บอนไดออกไซด์, ไฮโดรเจน คลอไรด์, ฟอสจีน

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

วิถีทางและรูปแบบของการได้รับสารเข้าสู่ร่างกาย :	
การสูดดม :	อาจเกิดอันตรายหากสูดดม สารเคมีนี้ระคายเคืองต่อเยื่อจมูกและระบบการหายใจ
การกลืนกิน :	อาจเกิดอันตรายหากกลืนกิน
สัมผัสดวงตา :	ระคายเคืองต่อตา



#### หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา (ต่อ)

สัมผัสผิวหนัง :	ระคายเคืองต่อผิวหนัง
อาการที่ปรากฏ :	ปวดศีรษะ คลื่นเหียน อ่อนเพลีย
ผลกระทบเฉียบพลันและที่เกิดขึ้นภายหลัง :	ถ้าสัมผัสนานๆ อาจทำลายไตและสมอง
ค่าความเป็นพิษที่วัดเป็นตัวเลข :	LD <sub>50</sub> (กลืนกิน, หนู) : 180 mg/kg LD <sub>50</sub> (กลืนกิน, กระต่าย) : 186 mg/kg LD <sub>50</sub> (กลืนกิน, เด็ก) : 22 mg/kg LD <sub>50</sub> (กลืนกิน, ผู้ใหญ่) : 321 mg/kg สัมผัสดวงตา (กระต่าย): 500 มก./กก./24 ชม.

#### หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษ :	
ผลกระทบต่อระบบนิเวศน์ :	
ประเภทการทดสอบ EC50 Daphnia :	ชนิด Daphnia magna เวลา 48 hrs. ขนาด 66 mg/l
ประเภทการทดสอบ LC50 ปลา :	ชนิด Onchorhynchus mykiss (Rainbow trout) เวลา 96 hrs. ขนาด 0.2 mg/l
การสะสมทางชีวภาพที่อาจเกิดขึ้น :	ไม่มีข้อมูล
การเปลี่ยนแปลงในดิน :	ไม่มีข้อมูล
ข้อมูลรายละเอียดเสริมเกี่ยวกับนิเวศวิทยา	
หมายเหตุต่างๆ ไป	ไม่มีข้อมูล

#### หัวข้อที่ 13: มาตรการการกำจัด

มาตรการการกำจัด :	ให้ติดต่อผู้ที่ได้รับการอนุญาตกำจัดของเสียเพื่อที่จะกำจัดเคมีชนิดนี้ ให้ทำตาม ข้อกำหนดเกี่ยวกับสิ่งแวดล้อมที่ออกมาโดยรัฐบาล จังหวัดหรือท้องถิ่น
ภาชนะบรรจุที่ยังไม่ได้ล้างทำความสะอาด :	การกำจัดจะต้องทำตามกฎระเบียบอย่างเป็นทางการ

#### หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN :	1500
ชื่อการจัดส่งสินค้าที่เหมาะสมของ UN :	Sodium Nitrite Borax
ชั้นเรียกอันตรายจากการขนส่ง :	
ประเภท :	Oxidizer
Class :	5.1
กลุ่มของภาชนะบรรจุ :	III

#### หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

สิ่งที่เป็นอันตรายต่อสภาพแวดล้อม :	ไม่มีข้อมูล
สารที่เป็นพิษต่อทะเล :	ไม่มีข้อมูล
การป้องกันพิเศษล่วงหน้าสำหรับผู้ใช้ :	ไม่มีข้อมูล
การขนส่งขนาดใหญ่ตามภาคผนวก 2 ของ MARPOL73/78 และ รหัส IBC :	ไม่มีข้อมูล
"กฎระเบียบต้นแบบ" ของ UN :	ไม่มีข้อมูล



#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

การติดฉลากตามระเบียบอีซี :

สัญลักษณ์ :

O ออกซิไดซ์

T เป็นพิษ

N เป็นอันตรายต่อสิ่งแวดล้อม

ข้อมูลเกี่ยวกับอันตราย :

R 8-25-50 หากสัมผัสกับวัสดุที่ลุกไหม้ติดไฟอาจก่อให้เกิดเพลิงไหม้

เป็นพิษเมื่อกลืนกิน

เป็นพิษต่อสิ่งมีชีวิตในน้ำ

ข้อมูลเกี่ยวกับความปลอดภัย :

S 45-61 ในกรณีที่เกิดอุบัติเหตุหรือรู้สึกไม่สบาย ควรปรึกษาแพทย์ทันที

พร้อมทั้งแสดงฉลากของสารเคมี หลีกเลี่ยงการปล่อยสารเคมีนี้สู่สิ่งแวดล้อม

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

1 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรน่อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรน่อย อำเภอโทรน่อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat F103

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	EGATreat F103 (Neutralizing Amine)
การใช้ประโยชน์ :	Neutralizing Amine
ชื่อผู้ผลิต/ผู้จำหน่าย :	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรน่อย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรน่อย อำเภอ โทรน่อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทของสารหรือสารผสม :  
การแบ่งประเภทตามข้อบังคับ (จีซี) เลขที่ 1272/2008  
องค์ประกอบของฉลาก :  
รูปสัญลักษณ์อันตราย :



GHS 07

ข้อความแสดงความเป็นอันตราย :	พิษเฉียบพลัน เป็นสาเหตุให้เกิดระคายเคืองต่อดวงตาและผิวหนังอย่างรุนแรง อาจทำให้เกิดแผลไหม้หรือการบาดเจ็บถาวรได้ เป็นสาเหตุให้เกิดการระคายเคืองต่อระบบทางเดินอาหารอย่างรุนแรง โดยอาจทำให้เกิดการอาเจียนและแผลไหม้ อาจทำอันตรายต่อตับและไต เกิดการระคายเคืองที่ปอดและโรคปอดได้ เป็นสาเหตุที่ทำให้เกิดการระคายเคืองต่อระบบทางเดินหายใจส่วนบน โดยทำให้เกิดอาการปวด แสบ แผลไหม้และอวัยวะที่บริเวณระบบทางเดินหายใจ พิษเรื้อรัง การสูดดมหรือกลืนสารเคมีอย่างต่อเนื่องเป็นสาเหตุทำให้เกิดผลกระทบต่อสุขภาพแบบเดียวกับพิษเฉียบพลันของสารเคมี
ข้อความแสดงข้อควรระวัง :	ไม่มี

การจำแนกตามแนวทาง 67/548/EEC หรือแนวทาง 1999/45/EC  
ไม่มี

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท : ไม่มี



### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Morpholine	110-91-8	5-15
Cyclohexylamine	108-91-8	20-30
น้ำ	7732-18-5	To 100

### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	เคลื่อนย้ายผู้ได้รับสารเคมีไปยังบริเวณที่มีอากาศบริสุทธิ์ รีบไปพบแพทย์
เมื่อสัมผัสผิวหนัง :	ถอดเสื้อผ้าและรองเท้าที่เปื้อนสารเคมีออกทันที ล้างผิวหนังบริเวณที่สัมผัสสารเคมีทันทีด้วยสบู่และน้ำสะอาด ชักทำความสะอาดเสื้อผ้าก่อนนำกลับมาใช้
เมื่อสัมผัสดวงตา :	พบแพทย์ถ้าผิวหนังเกิดแผลไหม้หรือเกิดการระคายเคืองผิวหนัง
เมื่อกลืนกิน :	ล้างตาด้วยน้ำทันทีด้วยน้ำสะอาดนาน 15 นาที ถ้ามีอาการระคายเคืองพบ
	จักษุแพทย์
	ห้ามทำให้ผู้ได้รับสารเคมีอาเจียน ให้ล้างปากด้วยน้ำและดื่มน้ำ 2-4 แก้ว
	ไปพบแพทย์ทันที

### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	น้ำ ผงเคมีแห้ง โฟม
อันตรายเฉพาะอย่างที่เกิดจากสารหรือส่วนผสม :	เมื่อสัมผัสกับโลหะที่มีความไวในการเกิดปฏิกิริยาจะทำให้เกิดแก๊สไฮโดรเจน
อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับ	หน้ากากที่ได้รับการรับรองมาตรฐานจาก NIOSH ใช้ละอองน้ำในการทำให้
นักผจญเพลิง :	ภาชนะบรรจุเย็นลงเพื่อป้องกันการเกิดควันของสารเคมี
ปริมาณเปอร์เซ็นต์ของแก๊สหรือไอระเหยที่ผสมกับอากาศ จนเกิดเป็นส่วนผสมที่เหมาะสมที่จะทำให้เกิดการระเบิดได้ (ขั้นต่ำ-มากที่สุด) :	ไม่มีข้อมูล

NFPA :



HMIS rating:

ความไวไฟ	1
สุขภาพ	2
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิเศษ	

### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	สวมอุปกรณ์ป้องกันภัยส่วนบุคคลที่เหมาะสม (ดูข้อมูลเพิ่มเติมหัวข้อที่ 8
ขั้นตอนการปฏิบัติในกรณีฉุกเฉิน :	การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล)
ข้อควรระวังด้านสิ่งแวดล้อม :	ป้องกันไม่ให้เกิดการรั่วไหลเพิ่มเติม ถ้าสามารถทำได้อย่างปลอดภัย
วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :	อพยพคนออกจากพื้นที่สารหก
ข้อมูลเพิ่มเติม (อ้างอิงจากข้อมูลความปลอดภัยหัวข้ออื่น) :	อย่าปล่อยให้เข้าไปในท่อน้ำทิ้ง/น้ำบนดินหรือใต้ดิน
	การเก็บสารเคมีที่หกไว้ให้ใช้อุปกรณ์ที่ไม่ก่อให้เกิดประกายไฟ หรือใช้วัสดุ
	ดูดซับและเก็บใส่ภาชนะพลาสติกหรือภาชนะที่ทำจากเหล็ก
	หัวข้อที่ 7 ข้อมูลการขนถ่าย เคลื่อนย้าย ใช้งาน อย่างปลอดภัย
	หัวข้อที่ 8 ข้อมูลอุปกรณ์ป้องกันอันตรายส่วนบุคคล
	หัวข้อที่ 13 ข้อมูลการจัดการ

### หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย	ล้างทำความสะอาดมือและร่างกายหลังจากการใช้งาน
ใช้งานอย่างปลอดภัย :	



## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา (ต่อ)

	ถอดเสื้อผ้าที่เปื้อนสารเคมีออกและทำความสะอาดก่อนนำกลับมาใช้อีกครั้ง เครื่องมือและอุปกรณ์การทำงานควรเป็นชนิดที่ป้องกันการเกิดประกายไฟและการระเบิด
สภาวะการเก็บรักษาอย่างปลอดภัย :	จัดเก็บในบริเวณที่แห้ง เย็นและห่างจากสารที่เข้ากันไม่ได้ เมื่อไม่ได้ใช้งานภาชนะบรรจุเคมีภัณฑ์ควรปิดแน่นสนิท เก็บที่อุณหภูมิปานกลาง ห้ามแช่แข็ง หลีกเลี่ยงการสัมผัสกับของเหลวหรือละอองน้ำ
อื่นๆ :	ภาชนะบรรจุเคมีภัณฑ์เปล่าอาจมีสารตกค้างเหลืออยู่ซึ่งอาจก่อให้เกิดอันตรายได้ ห้ามตัด เชื่อม เจาะหรือทำให้ภาชนะบรรจุเคมีภัณฑ์สัมผัสกับความร้อน ประกายไฟหรือไฟ การกำจัดให้ปฏิบัติตามวิธีการกำจัดสารเคมีหรือวัตถุอันตราย

## หัวข้อที่ 8: การควบคุมการสัมผัสและการป้องกันภัยส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการสัมผัส :	ไม่มีข้อมูล
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	
การป้องกันตา/หน้า :	สวมแว่นตานิรภัยป้องกันสารเคมีหรือหน้ากาก
การป้องกันผิวหนัง :	สวมเสื้อผ้า รองเท้า
การป้องกันมือ :	ถุงมือป้องกันสารเคมีที่เหมาะสม
การป้องกันระบบหายใจ :	สวมอุปกรณ์ป้องกันที่ได้รับการรับรองมาตรฐานชนิดที่สามารถป้องกันได้เต็มหน้า
ข้อควรปฏิบัติ :	เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี ล้างมือหลังการทำงานกับสาร ก่อนกินอาหาร หรือสูบบุหรี่
อื่นๆ :	ควรมีระบบระบายอากาศที่ดี การระบายอากาศสามารถช่วยลดความเข้มข้นของสารเคมีในบรรยากาศให้ต่ำกว่าระดับที่กำหนดได้

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	ของเหลว ไม่มีสีถึงสีเหลืองอ่อน
กลิ่น :	กลิ่นคล้ายแอมโมเนีย
ค่าความเป็นกรด-ด่าง (pH) (สารละลาย 1%) :	11
จุดหลอมเหลว / จุดเยือกแข็ง :	ไม่มีข้อมูล
จุดวาบไฟ :	ไม่มีข้อมูล
ความสามารถในการลุกติดไฟได้ :	ไม่มีข้อมูล
อุณหภูมิสลายตัว :	ไม่มีข้อมูล
อันตรายจากการระเบิด :	ไม่มีข้อมูล
ความหนาแน่นที่ 20°C	1.00 g/cm <sup>3</sup>
ความหนาแน่นรวมที่ 20 °C	ไม่มีข้อมูล
ความสามารถในการละลาย :	ละลายได้
ค่าสัมประสิทธิ์การละลายของสารในชั้นของ n-octanol	
ต่อน้ำ (log K <sub>ow</sub> ) :	ไม่ได้กำหนดไว้

## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี :	มีความเสถียรภายใต้สภาวะปกติ
สภาวะที่ควรหลีกเลี่ยง :	สารที่เข้ากันไม่ได้ แหล่งกำเนิดประกายไฟ
วัสดุที่เข้ากันไม่ได้ :	กรด, สารแอนไฮไดรต์, คลอไรด์และสารออกซิไดซ์
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	ไนโตรเจนออกไซด์, คาร์บอนมอนอกไซด์, คาร์บอนไดออกไซด์, แอมโมเนียและอนุพันธ์ของแอมโมเนีย



## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

วิธีทางและรูปแบบของการได้รับสารเข้าสู่ร่างกาย :

สัมผัสดวงตา :

ทำให้ระคายเคือง

สัมผัสผิวหนัง :

ทำให้ระคายเคืองต่อผิวหนังและเยื่อบุผิวในช่องจมูกและปากที่  
สร้างน้ำเมือกหล่อลื่น

การทำให้แพ้ :

ไม่มีรายงานเรื่องการแพ้  
ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษ :

ความเป็นพิษเกี่ยวกับน้ำ :

ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

การคงอยู่และการย่อยสลาย :

เมื่ออยู่ในดิน Morpholine สามารถระเหยอย่างช้าๆและสลายตัวทางชีวภาพได้  
สารเคมีจะไม่ถูกดูดซึมอยู่ในดินแต่จะเข้าสู่ระบบน้ำใต้ดิน เมื่ออยู่ในบรรยากาศ  
สารจะทำปฏิกิริยากับไฮดรอกซิล

การปฏิบัติต่อระบบสภาพแวดล้อม :

ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

การสะสมทางชีวภาพที่อาจเกิดขึ้น :

ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

การเปลี่ยนแปลงในดิน :

ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

ข้อมูลรายละเอียดเสริมเกี่ยวกับนิเวศวิทยา

หมายเหตุทั่วไป :

ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

## หัวข้อที่ 13: มาตรการการกำจัด

มาตรการการกำจัด :

เคมีภัณฑ์จัดเป็นสารอันตรายประเภทสารกัดกร่อนตามข้อกำหนดของ RCRA

ภาชนะบรรจุที่ยังไม่ได้ล้างทำความสะอาด :

การกำจัดให้ปฏิบัติตามระเบียบ ข้อบังคับหรือกฎหมายเกี่ยวกับการกำจัดของ  
เสียประเภทสารกัดกร่อน

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN :

IMDG,IATA

2054

ชื่อการจัดส่งสินค้าที่เหมาะสมของ UN :

IMDG,IATA

ไม่มีข้อมูล

ชั้นเรียนอันตรายจากการขนส่ง :

ADR

ประเภท

ไม่มีข้อมูล

IMDG,IATA

Class

ไม่มีข้อมูล

กลุ่มของภาชนะบรรจุ

IMDG,IATA :

III

สิ่งที่เป็นอันตรายต่อสภาพแวดล้อม

สารที่เป็นพิษต่อทะเล :

ไม่มีข้อมูล

การป้องกันพิเศษล่วงหน้าสำหรับผู้ใช้ :

ไม่มีข้อมูล

การขนส่งขนาดใหญ่ตามภาคผนวก 2 ของ

MARPOL73/78 และ รหัส IBC :

ไม่มีข้อมูล

"กฎระเบียบต้นแบบ" ของ UN :

ไม่มีข้อมูล



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#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

การประเมินความปลอดภัยของสารเคมี : ของเหลวไวไฟ

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย : ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย  
เริ่มใช้เมื่อ : 2 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอโทรนอย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat F201

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :

EGATreat F201 (Activated Hydrazine)

การใช้ประโยชน์ :

กำจัดออกซิเจนในน้ำ

ชื่อผู้ผลิต/ผู้จำหน่าย:

ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย

อำเภอ โทรนอย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710

หมายเลขโทรศัพท์ฉุกเฉิน :

หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกความเป็นอันตรายแบบ GHS :

องค์ประกอบของฉลาก :

รูปสัญลักษณ์อันตราย :



คำสัญญาณ :

อันตราย

ข้อความแสดงความเป็นอันตราย :

อาจทำให้ถึงตายถ้ามีการซึมผ่านผิวหนัง

ก่อให้เกิดอาการไหม้ที่ดวงตาและผิวหนัง

อาจทำให้ตาบอด

ก่อให้เกิดอันตรายหากกลืนกิน

ก่อให้เกิดอันตรายหากสูดดม

อาจก่อให้เกิดอาการแพ้บนผิวหนัง

ก่อให้เกิดการระคายเคืองต่อทางเดินหายใจ

อาจก่อให้เกิดการปวดศีรษะ คลื่นไส้ เวียนศีรษะ ง่วงและซึมเซา

สูญเสียความรู้สึกตัว

อาจก่อให้เกิดมะเร็ง

ผลกระทบที่เกิดจากการได้รับสัมผัสเป็นเวลานาน :

มีผลกระทบต่อนอด ทางเดินหายใจส่วนบน และไต

ลักษณะและอาการจากการได้รับสัมผัสอย่างเฉียบพลัน :

กัดกร่อนต่อผิวหนังและดวงตา เกิดอาการไหม้ ระคายเคืองต่ออวัยวะใน

ทางเดินหายใจ การได้รับสัมผัสเป็นเวลานานหรือรับสัมผัสซ้ำจะก่อให้เกิดปฏิกิริยา

แพ้บนผิวหนัง ผื่นแดง มีผื่นคัน ถ้ากลืนกินลงไปจะก่อให้เกิดการระคายเคือง

ต่อผิวหนังและลำไส้ คลื่นไส้และอาเจียน และอาจก่อให้เกิดผลกระทบต่อระบบ

ประสาทส่วนกลาง เกิดอาการง่วงและซึมเซา อ่อนล้า ตัวสั่น

(ความรุนแรงของผลกระทบจะขึ้นอยู่กับปริมาณที่ได้รับสัมผัส)

ผิวหนัง มีความเป็นพิษระดับกลางถึงรุนแรง กัดกร่อน (จากการทดสอบ

กับสัตว์ทดลอง)



## หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย (ต่อ)

ลักษณะและอาการจากการได้รับสัมผัสอย่างเฉียบพลัน :	การสูดดม มีความเป็นพิษระดับต่ำถึงระดับกลาง (จากการทดสอบกับสัตว์ทดลอง) ได้รับการสัมผัสซ้ำๆ ข้อมูลสำหรับองค์ประกอบที่สำคัญ ในบัญชีของ National Toxicology Program มีเหตุผลเพียงพอที่จะคาดเดาได้ว่าเป็นสารก่อมะเร็งสำหรับมนุษย์ แบ่งประเภทโดย International Agency for Research on Cancer อยู่ในกลุ่ม 2 B มีความเป็นไปได้ที่จะก่อให้เกิดมะเร็งในมนุษย์ การได้รับสัมผัสซ้ำๆ อาจก่อให้เกิดผลกระทบต่อระบบทางเดินหายใจส่วนบน ปอด ไต และตับ
ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท :	ไม่มี

## หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Hydrazine, monohydrate	7803-57-8	55
Water	7732-18-5	45

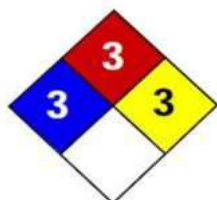
## หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	ย้ายผู้ป่วยไปอยู่ในที่มีอากาศบริสุทธิ์ ถ้าไม่หายใจให้ช่วยโดยการผายปอด ถ้าหายใจลำบากให้ทำคอออกซิเจน
เมื่อสัมผัสผิวหนัง :	รีบล้างออกด้วยน้ำจำนวนมากโดยทันทีเป็นเวลาอย่างน้อย 15 นาที พร้อมทั้งถอดเสื้อผ้าและรองเท้าที่ปนเปื้อนออก ล้างเสื้อผ้าและรองเท้าให้สะอาด ก่อนนำมาใช้ใหม่
เมื่อสัมผัสดวงตา :	รีบล้างดวงตาด้วยน้ำจำนวนมากโดยทันทีเป็นเวลาอย่างน้อย 15 นาที
เมื่อกลืนกิน :	อย่าให้อาเจียน ถ้าผู้ป่วยมีสติเต็มที่ให้ดื่มน้ำเต็มแก้ว ห้ามให้อะไรทางปาก ถ้าผู้ป่วยไม่มีสติ

## หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	ละอองน้ำ โฟมดับเพลิง และผงเคมีแห้ง
ข้อมูลที่ใช้ดับเพลิงพิเศษ :	นักผจญเพลิงและบุคคลอื่นๆ ที่อาจสัมผัสกับผลิตภัณฑ์ที่เกิดจากการเผาไหม้ควรต้องใส่อุปกรณ์ผจญแบบเต็มชุด พร้อมด้วยเครื่องหายใจ บรรจุก๊าซในถัง (แบบใช้ความดัน/ได้รับการรับรองจาก NIOSH หรือเทียบเท่า)
อันตรายที่เกิดจากไฟไหม้และการระเบิด :	อันตรายจากการระเบิด สัมผัสกับโลหะจะให้ก๊าซไฮโดรเจนออกมา ถ้าเป็นสารละลายอยู่ในน้ำ hydrazine จะอยู่ในรูปของ monohydrate ซึ่งเรียกว่า hydrazine hydrate โดยมี hydrazine อยู่ 64% และมีน้ำอยู่ 36% conversion factor ระหว่าง % ของ hydrazine และ % ของ hydrazine hydrate คือ 0.64 ตัวอย่างเช่น hydrazine hydrate 55% จะมี 35% ของ hydrazine ( $55\% \times 0.64$ ) และ 65% ของน้ำ

NFPA :



HMIS rating:

ความไวไฟ	3
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	3
ข้อมูลพิเศษ	



## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ในกรณีที่เกิดการหกและรั่วไหล :

หยุดการรั่วไหลถ้าสามารถทำได้โดยไม่ต้องเสี่ยง เคลื่อนย้ายบุคคลที่ไม่เกี่ยวข้องออกจากพื้นที่ให้อยู่ห่างจากบริเวณและอยู่ต้นลม หยุดแหล่งที่จะทำให้เกิดการสันดาปในบริเวณใกล้เคียงและท้ายลม ให้อากาศถ่ายเทได้สะดวก ดูหัวข้อที่ 8 การควบคุมการสัมผัสและการป้องกันส่วนบุคคล  
ทำกำแพงกันเพื่อจำกัดพื้นที่รั่วไหล ใช้วัสดุดูดซับสารเคมีที่ไม่สามารถสันดาปได้ (เช่น ทราย ดิน diatomaceous และ vermiculite เป็นต้น) และนำไปใส่ภาชนะเพื่อนำไปกำจัด โดยปฏิบัติตามกฎข้อบังคับของแต่ละท้องถิ่นแต่ละประเทศ (ดูหัวข้อที่ 13) หลีกเลี่ยงการทำให้เกิดโดยไม่ปล่อยให้ไหลลงสู่ทางเดินน้ำ แจ้งหน่วยราชการที่เกี่ยวข้องให้ทราบในกรณีที่สารเคมีกระจายเข้าสู่อากาศ ดิน ทางเดินน้ำ หรือท่อระบายน้ำ  
เก็บน้ำที่ไหลลงเพื่อส่งกำจัดต่อไป ปรึกษาผู้เชี่ยวชาญด้าน กฎข้อบังคับ ในการทำรายงานตามข้อบังคับของแต่ละท้องถิ่น เพื่อช่วยในการกำหนดวิธีการกำจัดของเสีย หรือของเสียอันตราย หรือความต้องการอื่นๆที่ระบุไว้ตามประเด็นที่ยินยอมได้ในการควบคุม สภาพแวดล้อม

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้กันอย่างปลอดภัย อย่าใส่ปากหรือกลืนกินลงไป

อย่าให้สัมผัสกับ ดวงตา ผิวหนัง หรือเสื้อผ้า  
หลีกเลี่ยงการหายใจนำละอองหรือไอของสารเคมีเข้าไป  
ปิดฝาภาชนะ บรรจุให้มิดชิด  
ใช้งานเฉพาะในบริเวณที่มีการระบายอากาศที่เพียงพอ  
ชำระล้างให้สะอาดทุกครั้งหลังการสัมผัส  
ระวังคำเตือนบนฉลากทั้งหมดจนกว่าภาชนะบรรจุจะได้รับการทำความสะอาด ทำใหม่หรือถูกทำลาย ภาชนะบรรจุที่ว่างเปล่าหลังจากการใช้งานแล้ว ยังคงมีสารเคมี และไอของสารเคมีเหลืออยู่ เก็บสารเคมีไว้ให้ห่างจากแหล่งที่เกิดการสันดาปและวัสดุที่เข้ากันไม่ได้

สภาวะการเก็บรักษาอย่างปลอดภัย :

หลีกเลี่ยงการสัมผัสแสงแดดโดยตรง เก็บไว้ในบริเวณ ที่มีอากาศเย็นและอากาศถ่ายเทได้ดี เก็บสารเคมีไว้ให้ห่างจากแหล่งที่เกิดการสันดาปและวัสดุที่เข้ากันไม่ได้

อื่นๆ :

มีความเสถียรภายใต้สภาพการจัดเก็บที่แนะนำ  
เก็บให้ห่างจากวัสดุที่สามารถเกิดการสันดาปได้ และแยกเก็บให้ห่างจากสารเหล่านี้ Metallic oxide, สาร strong oxidizing, Metallic salts, กรดแก่, Nitrite, Alkali metals  
อย่าเก็บไว้ในภาชนะบรรจุที่ทำมาจาก โลหะธรรมดา หรือเหล็กธรรมดา

## หัวข้อที่ 8: การควบคุมการสัมผัสและการป้องกันส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการสัมผัส :

US ACGIH Threshold Limit Values  
อันตรายจากการดูดซึมทางผิวหนัง หมายเหตุ สามารถซึมเข้าทางผิวหนัง  
Time Weighted Average (TWA) 0.01 ppm  
US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)  
อันตรายจากการดูดซึมทางผิวหนัง หมายเหตุ สามารถซึมเข้าทางผิวหนัง  
PEL 1.0 ppm (1.3 มิลลิกรัม/ลบ.เมตร)



## หัวข้อที่ 8: การควบคุมการสัมผัสและการป้องกันภัยส่วนบุคคล (ต่อ)

การควบคุมทางวิศวกรรมที่เหมาะสม :	การหาข้อมูลทางวิศวกรรมเพื่อที่จะลดการได้รับสัมผัสสารในอากาศให้ต่ำกว่าขีดจำกัด หรือลดการสัมผัส ติดตั้งระบบระบายอากาศเพื่อลดการสัมผัสให้ต่ำที่สุดหรือให้ต่ำกว่าขีดจำกัด ถ้าเป็นไปได้ในทางปฏิบัติให้ติดตั้งเครื่องดูดอากาศในตำแหน่งที่อากาศได้รับการปนเปื้อน
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล : การป้องกันตา/หน้า :	ในที่ที่มีโอกาสสัมผัสกับดวงตา ให้สวมใส่กระบังหน้า แว่นตาป้องกันสารเคมี และมีอุปกรณ์ล้างตาฉุกเฉินเตรียมพร้อมไว้ใช้งานได้ทันที
การป้องกันผิวหนัง :	สวมใส่ชุดป้องกันสารเคมีที่เหมาะสมและถึงมือที่ทนต่อสารเคมีเพื่อป้องกันการสัมผัสผิวหนัง ปกป้องผู้ผลิตถุงมือเพื่อให้เลือกใช้วัสดุที่เหมาะสมกับการใช้งาน สวมแว่นตาป้องกัน กำบังหน้าและชุดที่ทนต่อสารเคมี เช่น ผ้ายางกันเปื้อน เพื่อป้องกันการหกกระเด็น ให้รีบล้างด้วยน้ำโดยทันที ถ้าผิวหนังได้รับการสัมผัส รีบถอดเสื้อผ้าที่ถูกปนเปื้อนโดยทันทีและล้างให้สะอาด ก่อนนำมาใช้ใหม่ ล้างอุปกรณ์ป้องกัน ก่อนนำมาใช้ใหม่ ติดตั้งฝักบัวฉุกเฉินไว้ในบริเวณที่อาจเกิดการสัมผัสผิวหนัง ล้างให้สะอาด ทุกครั้งหลังการใช้งาน
การป้องกันระบบหายใจ :	หลีกเลี่ยงการหายใจเอาไอและละอองเข้าไป ถ้าการสัมผัสในอากาศมีสูงเกินขีดจำกัด (ให้ดูจากหัวข้อข้างบน) ใช้เครื่องป้องกันการหายใจที่เหมาะสมที่ได้รับ การรับรองจาก NIOSH ควรใช้ กระบังป้องกันเต็มหน้าแทนที่กระบังหรือแว่นนิรภัย ปกป้องผู้ผลิตเครื่องช่วยหายใจเพื่อให้เหมาะสมกับการใช้งาน ดูข้อจำกัดในการใช้ งานที่ระบุไว้โดย NIOSH หรือผู้ผลิต สำหรับเหตุฉุกเฉินหรือเหตุอื่น ที่มีแนวโน้มที่จะได้รับการสัมผัสเกินขีดจำกัด ให้ใช้เครื่องช่วยหายใจความดันบวกแบบหน้ากากเต็มหน้า เครื่องหายใจบรรจุก๊าซในถัง หรือใช้ท่อส่งอากาศความดันบวกพร้อมด้วยอุปกรณ์ บรรจุก๊าซในถัง โปรแกรมป้องกันการหายใจจะต้องสอดคล้องกับ 29 CFR 1910.134

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	ของเหลวใส ไม่มีสี
กลิ่น :	มีกลิ่นคล้ายแอมโมเนีย
ค่าขีดจำกัดของกลิ่นที่ได้รับ :	ไม่มีข้อมูล
ค่าความเป็นกรด-ด่าง (pH) (สารละลาย 1%) :	10.7 (1% ในสารละลายน้ำ)
จุดหลอมเหลว / จุดเยือกแข็ง :	ไม่มีการทดสอบ
จุดเดือดเริ่มต้นและช่วงของการเดือด :	228 F (109 C)
จุดวาบไฟ :	ไม่มีข้อมูล
อัตราการระเหย :	ไม่มีข้อมูล
ความสามารถในการลุกติดไฟได้ :	ไม่มีข้อมูล
ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟหรือค่าขีดจำกัดสูงสุด และต่ำสุดของการระเบิด (%), v/v)	ไม่มีข้อมูล
ความดันไอ(mm Hg) :	11-15 มิลลิเมตรปรอท (68 F) (20 C)
ความหนาแน่นไอ :	0.64 กิโลกรัม/ลบ.เมตร
ความถ่วงจำเพาะที่ 20°C :	1.02 (68 F) (20 C)
ความสามารถในการละลาย :	68 F (20 C) ละลายโดยสมบูรณ์
ค่าสัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (log K <sub>aw</sub> ) :	ไม่มีข้อมูล
อุณหภูมิที่ลุกติดไฟได้เอง :	ไม่มีข้อมูล
อุณหภูมิของการสลายตัว :	ไม่มีข้อมูล



## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ (ต่อ)

ความหนืด (Bulk viscosity) (cps) :	ไม่มีข้อมูล
ข้อมูลอื่น ๆ :	ไม่มีข้อมูล

## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี :	เป็นสารเคมีที่มีความเสถียรภายใต้การจัดเก็บที่ปกติ และใช้งานตามสภาพที่แนะนำไว้ เป็นสาร reducer ที่มีประสิทธิภาพสูง
สภาวะที่ควรหลีกเลี่ยง :	หลีกเลี่ยงจากเปลวไฟ การเชื่อมโลหะ แหล่งที่มีอาจเกิดการสันดาปหรือที่มีอุณหภูมิสูงที่ทำให้เกิด การสลายตัวด้วยความร้อน
วัสดุที่เข้ากันไม่ได้ :	กรดแก่และสาร oxidizing, Nitrites, Alkali metal, Metallic salts, Metallic oxides, วัสดุที่เกิดการสันดาปได้, เกิดการกัดกร่อนได้กับ light metal และ โลหะผสม
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	การสลายตัวด้วยความร้อนจะก่อให้เกิดสารที่ติดไฟได้และมีพิษ nitrogenous derivatives และไฮโดรเจน
อันตรายจากการเกิดปฏิกิริยาพอลิเมอร์ :	ไม่ได้รับรายงาน

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

ความเป็นพิษโดยเฉียบพลัน	
ทางปาก :	เป็นพิษปานกลาง (หนู) LD50 อยู่ระหว่าง 60-129 mg/kg
ทางผิวหนัง :	เป็นพิษปานกลางจนถึงสูง (กระต่าย) LD50 อยู่ระหว่าง 91-238 mg/kg
	เป็นพิษปานกลาง (กระต่าย) LD50 > 200 mg/kg (48%)
	เป็นพิษปานกลาง (กระต่าย) LD50 > 960 mg/kg (15.5%)
การหายใจ :	มีพิษ (หนู) 4 ชั่วโมง LD50 0.75 mg/kg
	มีพิษเล็กน้อย (หนู) LD50 6.5 mg/l (64%)
	อาการ หายใจลำบาก (เป็นละออง)
ระคายเคืองผิว :	กัดกร่อน (กระต่าย) (58-100%)
	ระคายเคืองเล็กน้อย (กระต่าย) ดรรชนีการระคายเคือง 2/8 (35%)
	ระคายเคืองเล็กน้อยจนถึงปานกลาง (กระต่าย) ดรรชนีการระคายเคือง 1.8/8 (15.5%)
ระคายเคืองตา :	กัดกร่อน (กระต่าย) (100%)
	ระคายเคืองเล็กน้อย (กระต่าย) ดรรชนีการระคายเคือง 5/110 (15.5%)
ความเป็นพิษเมื่อได้รับซ้ำ :	การได้รับซ้ำทางปากและโดยหายใจเข้าไป ทดสอบกับสัตว์หลายชนิดพันธุ์
	อวัยวะที่ได้รับ ผลกระทบมีต่อ ตับ ไต ระบบประสาท
ความเป็นสารก่อมะเร็ง :	ได้รับสารทางปาก อวัยวะที่ได้รับผลกระทบ คือ ปอด ตับ ไต มีการเจริญเติบโตของเนื้องอก
	ได้รับสารทางการสูดดม อวัยวะที่ได้รับผลกระทบ คือ ทางเดินหายใจ ส่วนบน มีการเจริญเติบโตของเนื้องอก

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา (ต่อ)

ความเป็นพิษต่อระบบพันธุกรรม :	ประเมินผลจากการทดลอง มีการเปลี่ยนแปลงทางพันธุกรรมเกิดขึ้นในการทดลองที่ใช้แบคทีเรีย ยีสต์และเซลล์ของสัตว์
ประสพการณ์ต่อมนุษย์ :	ระคายเคืองผิวหนัง พบอาการแพ้ที่ผิวหนัง
	ระคายเคืองกระเพาะอาหารและลำไส้ คลื่นไส้และอาเจียน ตับ ไต ระบบไหลเวียนโลหิต เกิดการเปลี่ยนแปลงของโครงสร้างและการทำงาน
	ส่งผลต่อระบบประสาท มีอาการง่วง ซึม อ่อนเพลีย ร่างกายสั่น



## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ :  
ความเป็นพิษต่อสิ่งมีชีวิตในน้ำ :

มีพิษอย่างสูง สำหรับ 96 ชั่วโมง EC50 = 0.075 mg/l  
มีพิษปานกลาง *Lepomis macrochirus* (Bluegill sunfish) 96  
ชั่วโมง LC50 = 1.2 mg/l  
มีพิษปานกลาง *Pimephales promelas* (fathead minnow) 96  
ชั่วโมง LC50 = 5.98 mg/l  
มีพิษปานกลาง *Poecilia reticulata* (Guppy) 96  
ชั่วโมง LC50 = 3.85 mg/l  
มีพิษอย่างสูง *Daphnia pulex* (Water flea) 48  
ชั่วโมง EC50 = 0.18 mg/l  
มีพิษอย่างสูง *Daphnia magna* (Water flea) 96  
ชั่วโมง EC50 = 0.85 mg/l

## หัวข้อที่ 13: มาตรการการกำจัด

มาตรการการกำจัด :

ทำลายสารเคมีด้วยปฏิกิริยาออกซิเดชันกับสารละลายของ  
hypochlorite (sodium-calcium) ล้างภาชนะบรรจุด้วยน้ำ นำน้ำทิ้ง  
มาใช้ได้อีกโดยผ่านขบวนการในภายหลัง การกำจัดปฏิบัติตามกฎ  
ข้อบังคับของแต่ละรัฐหรือท้องถิ่น ปรึกษาผู้เชี่ยวชาญด้านกฎข้อบังคับ  
ในการทำรายงานตามข้อบังคับของแต่ละท้องถิ่น เพื่อช่วยในการกำหนด  
วิธีการกำจัดของเสียหรือของเสียอันตราย

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

ชื่อที่ใช้ในการขนส่ง :  
ประเภทอันตรายตามกรมการขนส่ง :  
หมายเลข UN :  
กลุ่มบรรจุภัณฑ์ :  
มลพิษทางทะเล(ใช่/ไม่ใช่) :  
ข้อควรระวังสำหรับผู้ใช้ :

Hydrazine, การละลายในน้ำ  
6.1  
3239  
III  
ใช่  
ไม่มีข้อมูล

## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

การจัดหมวดหมู่ในสถานที่ทำงาน :

ไม่มีองค์ประกอบใดในผลิตภัณฑ์นี้ที่มีปริมาณสูงกว่าหรือ  
เท่ากับ 0.1% ที่ถูกระบุว่าเป็นสารก่อมะเร็ง หรือมีแนวโน้มที่จะก่อ  
มะเร็งตามข้อบังคับของ OSHA

การจัดหมวดหมู่ในสถานที่ทำงาน :  
(ต่อ)

ผลิตภัณฑ์นี้อยู่ภายใต้การควบคุมของ California Ptop. 65 ผลิตภัณฑ์  
นี้ประกอบด้วยสารเคมีที่รัฐแคลิฟอร์เนียกำหนดว่าเป็นสารก่อมะเร็ง  
ผลิตภัณฑ์นี้อยู่ภายใต้การควบคุมของ Toxic Substance Control Act  
(TSCA) ผลิตภัณฑ์นี้เป็นไปตามข้อบังคับของสินค้าคงคลัง TSCA โดย hydrate  
ของสารเคมีนี้หมายถึงส่วนผสมของสารเคมี anhydrous กับน้ำ

SARA TITLE 3 : Section 311/312 Categorizations (40CFR 370)

ผลิตภัณฑ์นี้ถือเป็นอันตรายภายใต้มาตรฐาน 29CFR 1910.1200,  
จัดเป็นอันตรายต่อสุขภาพที่เกิดขึ้นได้ทันที

SARA TITLE 3 : Section 313 Information (40CFR 372)

ผลิตภัณฑ์นี้มีสารเคมีที่แสดงไว้ในส่วน 313: Magnesium nitrate (10377-60-3)



## หัวข้อที่ 16: ข้อมูลอื่น

เบ็ดเตล็ด :

Grade :

Hydrazine Hydrate 40%, Hydrazine Hydrate 55%

ข้อบังคับในการใช้งาน :

สำหรับอุตสาหกรรมและการใช้งานโดยผู้เชี่ยวชาญ

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

2 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนัย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนัย อำเภอโทรนัย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## EGATreat B101

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	EGATreat B101 (Trisodium phosphate)
การใช้ประโยชน์ :	ปรับสภาพน้ำหมอน้ำ
ชื่อผู้ผลิต/ผู้จำหน่าย :	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนัย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนัย อำเภอ โทรนัย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทของสารหรือสารผสม :  
การแบ่งประเภทตามข้อบังคับ (จีซี) เลขที่ 1272/2008  
องค์ประกอบของฉลาก :  
รูปสัญลักษณ์อันตราย :



GHS 07

ข้อความแสดงความเป็นอันตราย :	Skin Irrit 2 H315 เป็นสาเหตุให้เกิดการระคายเคืองผิวหนัง Eye Irrit H319 เป็นสาเหตุให้เกิดการระคายเคืองอย่างร้ายแรงที่ตา STOT SE 3 H335 อาจเป็นสาเหตุให้เกิดการระคายเคืองต่อระบบหายใจ
ข้อความแสดงข้อควรระวัง :	P261 หลีกเลี่ยงการสูดหายใจเอาฝุ่น/ไอสาร/แก๊ส/หมอก/ไอ/ละอองฝุ่น P280 สวมถุงมือป้องกัน/ป้องกันเสื้อผ้า/ที่ป้องกันตา/ที่ป้องกันหน้า P305+P351+P338 หากเข้าตา ชะด้วยน้ำอย่างระมัดระวังเป็นเวลาหลายนาที ถอดคอนแทคเลนส์ P405 เก็บในที่ใส่กุญแจปิด P403+P233 เก็บในที่ที่มีการระบายอากาศที่ดี ควบคุมให้ตู้บรรจุปิดแน่น P501 ทิ้งที่บรรจุ/ภาชนะที่บรรจุตามกฎหมายของท้องถิ่น/ในประเทศ /ระหว่างประเทศ

การจำแนกตามแนวทาง 67/548/EEC หรือแนวทาง 1999/45/EC

Xi ทำให้ระคายเคือง

R36/37/38 : ระคายเคืองต่อตา ระบบหายใจและผิวหนัง

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท :

ไม่มี



### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Trisodiumphosphate	7601-54-9	100

### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	ในกรณีที่คนไข้ไม่รู้สึกรู้ตัวให้จัดทำทางในท่านอนตะแคงด้านข้าง
เมื่อสัมผัสผิวหนัง :	ล้างด้วยน้ำและสบู่แล้วฟอกให้ทั่วทันที
เมื่อสัมผัสดวงตา :	ชะตาที่เปิดอยู่ใต้น้ำที่กำลงไหลเป็นเวลาหลายนาที ถ้าอาการไม่ดีขึ้นให้ปรึกษาแพทย์
เมื่อกลืนกิน :	หากอาการยังไม่บรรเทาให้ปรึกษาแพทย์

### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	ละอองน้ำ โฟม คาร์บอนไดออกไซด์ และผงเคมีแห้ง
อันตรายเฉพาะอย่างที่เกิดจากสารหรือส่วนผสม :	ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้
อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง :	สวมชุดดับเพลิงและอุปกรณ์ป้องกันทางเดินหายใจชนิดถังบรรจุอากาศแบบพกพา (Self-Contained Breathing Apparatus, SCBA)
ปริมาณเปอร์เซ็นต์ของแก๊สหรือไอระเหยที่ผสมกับอากาศ จนเกิดเป็นส่วนผสมที่เหมาะสมที่จะทำให้เกิดการระเบิดได้ (ขั้นต่ำ-มากที่สุด) :	ไม่มีข้อมูล
NFPA :	HMIS rating:



ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิเศษ	1

### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :	สวมอุปกรณ์ป้องกันภัยส่วนบุคคลที่เหมาะสม (ดูข้อมูลเพิ่มเติมหัวข้อที่ 8 การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล)
ขั้นตอนการปฏิบัติในกรณีฉุกเฉิน :	ป้องกันไม่ให้เกิดการรั่วไหลเพิ่มเติม ถ้าสามารถทำได้อย่างปลอดภัยอพยพคนออกจากพื้นที่สารหกตร
ข้อควรระวังด้านสิ่งแวดล้อม :	อย่าปล่อยให้เข้าไปในท่อน้ำทิ้ง/น้ำบนดินหรือใต้ดิน
วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :	ตรวจให้แน่ใจว่ามีกระบายอากาศที่ดีพอ
ข้อมูลเพิ่มเติม (อ้างอิงจากข้อมูลความปลอดภัยหัวข้ออื่น) :	หัวข้อที่ 7 ข้อมูลการขนถ่าย เคลื่อนย้าย ใช้งาน อย่างปลอดภัย หัวข้อที่ 8 ข้อมูลอุปกรณ์ป้องกันอันตรายส่วนบุคคล หัวข้อที่ 13 ข้อมูลการจัดการ

### หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้งานอย่างปลอดภัย :	เก็บในที่เย็นและแห้งในภาชนะปิดที่แน่นหนา
สถานะการเก็บรักษาอย่างปลอดภัย :	เก็บในบริเวณที่เย็นและแห้ง เก็บในบริเวณที่มีการระบายอากาศเพียงพอ เก็บในภาชนะที่ปิดมิดชิด



## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา (ต่อ)

อื่นๆ : เก็บโดยปิดผนึกอย่างแน่นหนา  
ไม่พบข้อมูลที่ระบุถึงการสิ้นสุดการใช้งาน

## หัวข้อที่ 8: การควบคุมการสัมผัสและการป้องกันภัยส่วนบุคคล

ค่าต่างๆที่ใช้ควบคุมการสัมผัส : 7601-54-9 Trisodium orthophosphate WEEL(USA) ค่าระยะสั้น 5 mg/m<sup>3</sup>  
อุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล :  
การป้องกันตา/หน้า : แว่นตาป้องกันสารเคมี  
การป้องกันผิวหนัง : สวมชุดป้องกันสารเคมี  
การป้องกันมือ : สวมถุงมือ  
การป้องกันระบบหายใจ : กรณีที่อยู่เป็นเวลาสั้นๆ หรืออากาศเป็นพิษระดับต่ำใช้หน้ากากกรองเพื่อช่วยหายใจในกรณีที่มีความเข้มข้นสูงหรืออยู่เป็นเวลานานให้ใช้เครื่องป้องกันที่มีอุปกรณ์ช่วยหายใจในตัว  
ข้อควรปฏิบัติ : เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี  
ล้างมือหลังการสัมผัสกับสาร ก่อนกินอาหาร หรือสูบบุหรี่

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป : ของแข็งสีขาว  
กลิ่น : ไม่มีกลิ่น  
ค่าความเป็นกรด-ด่าง (pH) (สารละลาย 1%) : 11.5-12.5  
จุดหลอมเหลว / จุดเยือกแข็ง : 75°C  
จุดวาบไฟ : ไม่สามารถใช้ได้  
ความสามารถในการลุกติดไฟได้ของของแข็งและก๊าซ : ไม่สามารถใช้ได้  
อุณหภูมิสลายตัว : ไม่ได้กำหนดไว้  
อันตรายจากการระเบิด : ไม่มีข้อมูล  
ความหนาแน่นที่ 20°C 0.7 g/cm<sup>3</sup>  
ความหนาแน่นรวมที่ 20 °C 600-900 kg/m<sup>3</sup>  
ความสามารถในการละลาย : 140g/l  
ค่าสัมประสิทธิ์การละลายของสารในชั้นของ n-octanol  
ต่อน้ำ (log K<sub>ow</sub>) : ไม่ได้กำหนดไว้

## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี : ไม่มีข้อมูล  
สภาวะที่ควรหลีกเลี่ยง : ไม่มีข้อมูล  
วัสดุที่เข้ากันไม่ได้ : อลูมิเนียม กรดแร่เข้มข้น  
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย : ฟอสฟอรัสออกไซด์

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

วิถีทางและรูปแบบของการได้รับสารเข้าสู่ร่างกาย :  
สัมผัสดวงตา : ทำให้ระคายเคือง  
สัมผัสผิวหนัง : ทำให้ระคายเคืองต่อผิวหนังและเยื่อบุผิวในช่องจมูกและปากที่สร้างน้ำเมือกหล่อลื่น  
การทำให้แพ้ : ไม่มีรายงานเรื่องการแพ้  
ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้



## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษ :

ความเป็นพิษเกี่ยวกับน้ำ :

ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

การคงอยู่และการย่อยสลาย :

ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

การปฏิบัติต่อระบบสภาพแวดล้อม :

การสะสมทางชีวภาพที่อาจเกิดขึ้น :

ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

การเปลี่ยนแปลงในดิน :

ไม่มีข้อมูลที่เกี่ยวข้องนอกเหนือจากนี้

ข้อมูลรายละเอียดเสริมเกี่ยวกับนิเวศวิทยา

หมายเหตุทั่วไป

เป็นอันตรายต่อน้ำชั้น 1 (กฎข้อบังคับของเยอรมัน) (การประเมินค่าตามรายการ) :  
อันตรายเล็กน้อยกับน้ำ

อย่าปล่อยให้ผลิตภัณฑ์ที่ยังไม่ได้เจือจางหรือผลิตภัณฑ์เป็นจำนวนมากไปถึงน้ำผิวดิน เส้นทางน้ำหรือระบบระบายน้ำเสีย

การชะล้างสารเป็นจำนวนมากลงในทางระบายน้ำหรือแหล่งน้ำในสภาพแวดล้อมจะทำให้ค่าความเป็นกรด-ด่างเพิ่มสูงขึ้น ค่าความเป็นกรด-ด่าง ที่สูงขึ้นเป็นอันตรายต่อสิ่งมีชีวิตในน้ำการทำให้เจือจางจนถึงระดับที่ไม่เพิ่มค่าความเป็นกรด-ด่าง จะลดลงมากดังนั้นหลังการใช้งานน้ำเสียของผลิตภัณฑ์เมื่อเททิ้งในท่อระบายจึงมีอันตรายต่อน้ำในระดับต่ำ

## หัวข้อที่ 13: มาตรการการกำจัด

มาตรการการกำจัด :

ต้องไม่ทิ้งไปพร้อมกับขยะจากบ้านเรือน และอย่าปล่อยให้ผลิตภัณฑ์เข้าถึงการระบายน้ำเสีย

ภาชนะบรรจุที่ยังไม่ได้ล้างทำความสะอาด :

การกำจัดจะต้องทำตามกฎระเบียบอย่างเป็นทางการ

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN :

IMDG,IATA

ยกเลิก

ชื่อการจัดส่งสินค้าที่เหมาะสมของ UN :

IMDG,IATA

ยกเลิก

ชั้นเรียนอันตรายจากการขนส่ง :

ADR

ประเภท

9 สารอันตรายและสิ่งของเบ็ดเตล็ด

IMDG,IATA

Class

9 Miscellaneous dangerous substances and articles

กลุ่มของภาชนะบรรจุ

IMDG,IATA

ยกเลิก

สิ่งที่เป็นอันตรายต่อสภาพแวดล้อม

สารที่เป็นพิษต่อทะเล

ไม่ใช่

การป้องกันพิเศษล่วงหน้าสำหรับผู้ใช้

คำเตือน ! สารอันตรายและสิ่งของเบ็ดเตล็ด

การขนส่งขนาดใหญ่ตามภาคผนวก 2 ของ

MARPOL73/78 และ รหัส IBC

ไม่สามารถใช้ได้

"กฎระเบียบต้นแบบ" ของ UN

9

## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

การประเมินความปลอดภัยของสารเคมี :

ไม่ได้ดำเนินการตามการประเมินความปลอดภัยของสารเคมี



## หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

17 เมษายน 2562



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอไทรน้อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## Sodium Hydroxide (NaOH)

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	50% Sodium Hydroxide
การใช้ประโยชน์	ปรับสภาพความเป็นกรด-ด่าง
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอ ไทรน้อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทตามระบบ GHS :

ความเป็นอันตรายทางกายภาพ :	วัตถุระเบิด	ไม่ถูกจำแนก
	ก๊าซไวไฟ	ไม่ถูกจำแนก
	ละอองไวไฟ	ไม่ถูกจำแนก
	ก๊าซออกซิไดซ์	ไม่ถูกจำแนก
	ก๊าซภายใต้ความดัน	ไม่ถูกจำแนก
	ของเหลวไวไฟ	ไม่ถูกจำแนก
	ของแข็งไวไฟ	ไม่ถูกจำแนก
	สารเดี่ยวและสารผสมที่เกิดปฏิกิริยาได้เอง	ไม่ถูกจำแนก
	ของเหลวลุกติดไฟได้เองในอากาศ	ไม่ถูกจำแนก
	ของแข็งจุดติดไฟได้เองในอากาศ	ไม่ถูกจำแนก
	สารเดี่ยวและสารผสมที่เกิดความร้อนได้เอง	ไม่ถูกจำแนก
	สารเดี่ยวและสารผสมที่ซึ่งเมื่อสัมผัสกับน้ำปล่อยก๊าซไวไฟ	ไม่ถูกจำแนก
	ของเหลวออกซิไดซ์	ไม่ถูกจำแนก
	ของแข็งออกซิไดซ์	ไม่ถูกจำแนก
	สารเพอร์ออกไซด์อินทรีย์	ไม่ถูกจำแนก
	สารกัดกร่อนโลหะ	ไม่ถูกจำแนก
ความเป็นอันตรายต่อสุขภาพ :	ความเป็นพิษเฉียบพลัน (ทางปาก)	ประเภทย่อย 4
	ความเป็นพิษเฉียบพลัน (ทางผิวหนัง)	ประเภทย่อย 4
	ความเป็นพิษเฉียบพลัน (การสูดดม สำหรับก๊าซ)	ไม่ถูกจำแนก
	ความเป็นพิษเฉียบพลัน (การสูดดม สำหรับไอ)	ไม่ถูกจำแนก
	ความเป็นพิษเฉียบพลัน (การสูดดม สำหรับฝุ่น)	ไม่ถูกจำแนก
	ความเป็นพิษเฉียบพลัน (การสูดดม สำหรับละออง)	ไม่ถูกจำแนก
	การกัดกร่อน/การละลายเคืองต่อผิวหนัง	ประเภทย่อย 1
	การทำลายดวงตาอย่างรุนแรงและการระคายเคืองต่อดวงตา	ประเภทย่อย 1
	การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อระบบทางเดินหายใจ	ไม่ถูกจำแนก
	การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง	ไม่ถูกจำแนก
	การก่อให้เกิดการกลายพันธุ์ของเซลล์สืบพันธุ์	ไม่ถูกจำแนก
	สารก่อมะเร็ง	ไม่ถูกจำแนก
	ความเป็นพิษต่อระบบสืบพันธุ์	ไม่ถูกจำแนก



## หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย (ต่อ)

ความเป็นอันตรายต่อสิ่งแวดล้อม :	ความเป็นพิษต่ออวัยวะเป้าหมายอย่างเฉพาะเจาะจง - สัมผัสเพียงครั้งเดียว
	ประเภทย่อย 3
	ความเป็นพิษต่ออวัยวะเป้าหมายอย่างเฉพาะเจาะจง - สัมผัสซ้ำ ไม่ถูกจำแนก
	อันตรายจากการสำลัก ไม่ถูกจำแนก
องค์ประกอบฉลาก :	ความเป็นพิษเฉียบพลันต่อสิ่งแวดล้อมในน้ำ ประเภทย่อย 3
	ความเป็นพิษเรื้อรังต่อสิ่งแวดล้อมในน้ำ ไม่ถูกจำแนก



คำสัญญาณ :	อันตราย
ข้อความแสดงความเป็นอันตราย :	เป็นอันตรายเมื่อสัมผัสผิวหนัง ทำให้ผิวหนังไหม้อย่างรุนแรงและทำลายดวงตา ทำอันตรายต่อระบบทางเดินอาหาร เป็นอันตรายต่อสิ่งมีชีวิตในน้ำ
ข้อความแสดงข้อควรระวัง :	สวมถุงมือป้องกัน/ชุดป้องกัน/อุปกรณ์ป้องกันดวงตา/อุปกรณ์ป้องกันหน้า จัดเก็บในพื้นที่ที่มีการระบายอากาศได้ดี ปิดภาชนะบรรจุให้แน่น จัดเก็บในสถานที่ที่ปิดล็อกได้ หลีกเลี่ยงการรั่วไหลสู่สิ่งแวดล้อม แยกซักเสื้อผ้าที่ปนเปื้อนสารให้สะอาดก่อนนำกลับมาใช้ใหม่ หากเข้าตา ล้างด้วยน้ำนาน 20 นาที ให้ถอดคอนแทคเลนส์ออก หากกลืนกิน ให้ล้างปาก ห้ามทำให้อาเจียน ถ้าสัมผัสผิวหนัง ถอดเสื้อผ้าที่ปนเปื้อนทั้งหมดออกทันที ล้างด้วยน้ำปริมาณมากนาน 20 นาที
ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท:	ไม่มีข้อมูล

## หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Sodium hydroxide	1310-73-2	50%
Water	7732-18-5	50%

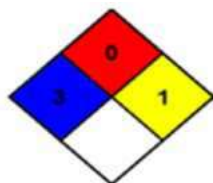
## หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	หากหายใจเอาละอองสารเข้าสู่ร่างกายให้ย้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์
เมื่อสัมผัสกับผิวหนัง :	หากหายใจไม่สะดวกให้ใช้อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที
เมื่อสัมผัสดวงตา :	ถอดเสื้อผ้าที่ปนเปื้อนออก ล้างออกด้วยน้ำปริมาณมาก อย่างน้อย 20 นาที
เมื่อกลืนกิน :	ล้างด้วยน้ำปริมาณมาก ถอดคอนแทคเลนส์ออก เปิดเปลือกตาให้กว้างให้น้ำไหลผ่าน
เมื่อกลืนกิน :	บ้วนปาก ห้ามทำให้อาเจียน นำส่งแพทย์ทันที

## หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	ใช้สารดับเพลิงที่เหมาะสมกับสภาวะรอบๆ ที่เกิดเพลิงไหม้
อันตรายที่เกิดจากสารเคมีที่ไหม้ไฟ :	สารนี้ไม่ติดไฟ แต่เมื่อสัมผัสน้ำหรือความชื้นจะทำให้เกิดความร้อนเมื่อ
การป้องกันสำหรับเจ้าหน้าที่ดับเพลิง :	ได้รับความร้อนสารระเหยให้ไอที่มีความเป็นด่าง
	สวมชุดดับเพลิง สวมหน้ากากป้องกันการหายใจชนิดมีถังอากาศ
	ให้ฉีดน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ

NFPA :



HMS rating :

ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	1
ข้อมูลพิเศษ	



## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อระวังส่วนบุคคล :	อพยพคนออกจากบริเวณที่สารรั่วไหล ห้ามสัมผัสสารเคมีโดยตรง ห้ามสูดดมเอาละอองไอเข้าสู่ร่างกาย
อุปกรณ์ป้องกันอันตราย :	แว่นครอบตา รองเท้าบูท และถุงมือยางแบบหนา ชุดกันสารเคมี
ข้อควรระวังด้านสิ่งแวดล้อม :	กั้นบริเวณเพื่อป้องกันไม่ให้แพร่กระจายสู่ดิน น้ำ หรือสิ่งแวดล้อม
ขั้นตอนปฏิบัติงานฉุกเฉิน :	สวมชุดป้องกันสารเคมี รวบรวมใส่ภาชนะพลาสติก ปิดให้แน่น ใช้วัสดุดูดซับที่เหมาะสม หรือทราย ล้างทำความสะอาดบริเวณที่สารหกั่วไหลหลังจากเก็บสารออกหมดแล้ว
ข้อควรระวังส่วนบุคคล :	อพยพคนออกจากบริเวณที่สารรั่วไหล ห้ามสัมผัสสารเคมีโดยตรง ห้ามสูดดมเอาละอองไอเข้าสู่ร่างกาย จากการบำบัดได้
วิธีการและวัสดุสำหรับกักเก็บและทำความสะอาด :	สวมชุดป้องกันสารเคมี รวบรวมใส่ในภาชนะพลาสติก ปิดให้แน่น ใช้วัสดุดูดซับที่เหมาะสมหรือทราย ล้างทำความสะอาดบริเวณที่สารหกั่วไหลหลังจากเก็บสารออกหมดแล้ว

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

การใช้งาน :	หลีกเลี่ยงการสัมผัสกับสาร
การจัดเก็บ :	เก็บในภาชนะป้องกันการกัดกร่อน

## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

IDLH	10 mg/m <sup>3</sup> (NIOSH 2012)	
REL-C	2 mg/m <sup>3</sup> 15 นาที (NIOSH 2012)	
PEL-TWA	2 mg/m <sup>3</sup> (OSHA 2012)	
TVL-C	2 mg/kg (ACGIH 2012)	
การควบคุมทางวิศวกรรมที่เหมาะสม:	จัดให้มีระบบระบายอากาศที่เพียงพอ	
อุปกรณ์ป้องกันภัยส่วนบุคคล:	ป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี) การป้องกันระบบหายใจ สวมหน้ากากป้องกันไอสารเคมี เมื่อต้องปฏิบัติกับโซดาไฟ ที่มีอุณหภูมิสูง (สารนี้จะระเหยให้อไที่มีความเป็นด่าง) แว่นตานิรภัยหรือแว่นครอบตา ชุดกันสารเคมี กระบังหน้า	
ข้อควรปฏิบัติ:	เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี ล้างมือและหน้าหลังจากทำงานกับสาร ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน	

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะที่ปรากฏ :	ของเหลวใส ไม่มีสี
กลิ่น :	ไม่มีกลิ่น
ระดับค่าขีดจำกัดของกลิ่น :	ไม่มีข้อมูล
ค่าความเป็นกรด-ด่าง (pH) :	มากกว่า 14
จุดหลอมเหลว/จุดเยือกแข็ง :	4.4°C
อุณหภูมิจุดเริ่มเดือดและช่วงอุณหภูมิเดือด :	117°C -120°C
จุดวาบไฟ :	ไม่ติดไฟ
อัตราการระเหย:	ไม่มีข้อมูล
ความสามารถในการลุกติดไฟได้:	ไม่มีข้อมูล



#### หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ (ต่อ)

ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟ หรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (% , v/v):

	ขีดล่าง ไม่มีข้อมูล
	ขีดบน ไม่มีข้อมูล
ความดันไอ :	1.1 มม.ปรอท ที่อุณหภูมิ 20 °C
ความหนาแน่นไอ (อากาศ=1) :	0.2
ความหนาแน่นสัมพัทธ์ (น้ำ=1) :	1.3 ที่อุณหภูมิ 15 °C
ความสามารถในการละลายได้:	ละลายน้ำได้ดี
สัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (Log $K_{ow}$ )	ไม่มีข้อมูล
อุณหภูมิที่ติดไฟได้เอง:	ไม่ติดไฟ
อุณหภูมิของการสลายตัว:	ไม่มีข้อมูล
ความหนืด:	17cP ที่อุณหภูมิ 20 °C

#### หัวข้อที่ 10: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน:	LD <sub>50</sub> (Derman, Rabbit): 1,350 มิลลิกรัม/กิโลกรัม LD <sub>50</sub> (i.p., Mouse): 40 มิลลิกรัม/กิโลกรัม
การหายใจเข้าไป:	ระคายเคืองจมูก คอ และปอด ทำให้ไอ แสบคอ หายใจถี่ หายใจลำบาก
การสัมผัสทางผิวหนัง:	กัดกร่อนผิวหนัง ผิวหนังเป็นผื่นแดง ผิวหนังไหม้
การสัมผัสทางดวงตา:	กัดกร่อนดวงตา ตาแดง ตามัว ตามีไหม้ และตาบอดได้
การกลืนกิน:	แสบคอและหน้าอก ปวดท้อง ท้องร่วง คลื่นไส้ อาเจียร อ่อนเพลีย ช็อกหรือหมดสติ หรือเสียชีวิต
อาการที่ปรากฏ:	รู้สึกแสบร้อน ไอ หายใจมีเสียง หลอดลมต่อนบนอักเสบ หายใจถี่ ปวดหัวคลื่นไส้ และอาเจียร
ผลกระทบเฉียบพลัน:	กัดกร่อนผิวหนัง ดวงตาและทางเดินหายใจ กัดกร่อนเมือกกลืนกิน ทำให้ปวดบวม หายใจลำบาก
ผลกระทบเรื้อรัง:	ทำให้ผิวหนังอักเสบ ทำให้หลอดลมอักเสบ ทำลายปอดอย่างถาวร

#### หัวข้อที่ 11: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	ทำปฏิกิริยากับกรดแก่ (Hydrochloric, Sulfuric, Nitric) ทำปฏิกิริยากับโลหะ (Aluminum, Lead, Tin, Zinc) ทำให้เกิดก๊าซไฮโดรเจนที่ไวไฟและระเบิดได้ ทำปฏิกิริยากับ Ammonium salts ทำให้เกิด ammonia ซึ่งทำให้เกิดอันตราย จากเพลิงไหม้ ทำปฏิกิริยากับสารโซเดียมไฮโปคลอไรต์เกิดก๊าซคลอรีนซึ่งเป็นพิษ
ความเสถียรทางเคมี:	เสถียรภายใต้อุณหภูมิปกติ
วัสดุที่เข้ากันไม่ได้:	ไม่มีข้อมูล
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย:	ไม่มีข้อมูล

#### หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษต่อระบบนิเวศ :	ความเป็นพิษต่อปลา Oncorhynchus mykiss LC <sub>50</sub> : 45.4 มิลลิกรัม/ลิตร/96 ชั่วโมง ความเป็นพิษต่อปลา Crustacea Daphnia magna EC50 : 40.38 มิลลิกรัม/ลิตร/48 ชั่วโมง
ความคงอยู่นานและความสามารถในการย่อยสลายทางชีวภาพ :	ไม่ย่อยสลายทางชีวภาพ
ศักยภาพและการสะสมทางชีวภาพ :	ไม่สะสมทางชีวภาพ
การเคลื่อนย้ายในดิน :	ไม่มีข้อมูล
ผลกระทบในทางเสียหาอื่น ๆ:	ไม่มีข้อมูล

#### หัวข้อที่ 13: มาตรการการกำจัด

วิธีการกำจัด :	ให้ปฏิบัติตามกฎหมาย เพื่อให้มีผลกระทบต่อสิ่งแวดล้อมน้อยที่สุด
บรรจุภัณฑ์ :	ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป



#### หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN Number : 1824  
ชื่อที่ถูกต้องในการขนส่ง : Sodium Hydroxide Solution  
ประเภทความเป็นอันตรายสำหรับการขนส่ง : 8  
กลุ่มบรรจุภัณฑ์ : II  
การติดฉลาก:



มลภาวะทางทะเล : ไม่มีข้อมูล  
การขนส่งด้วยภาชนะขนาดใหญ่ L4BN  
ข้อควรระวังพิเศษ : ไม่มีข้อมูล

#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

กฎหมาย/ข้อบังคับของประเทศไทย พระราชบัญญัติวัตถุอันตราย พ.ศ. 2535 ประเภทวัตถุอันตราย: ชนิดที่1 (วัตถุอันตรายที่การผลิต การนำเข้า การส่งออก หรือการมีไว้ในครอบครองต้องปฏิบัติตามหลักเกณฑ์และวิธีการที่กำหนดด้วย) บัญชี ก (กรมโรงงานอุตสาหกรรม กรมประมง)  
ประกาศกรมสวัสดิการและคุ้มครองแรงงานเรื่องกำหนดชนิดและประเภทสารเคมี พ.ศ. 2535 ลำดับที่ 1393  
การติดฉลากตามระเบียบ EC: สัญลักษณ์ : C กัดกร่อน  
ข้อความบอกความเสี่ยง: R35ทำให้เกิดแผลไหม้อย่างรุนแรง  
ข้อความบอกมาตรการความปลอดภัย: S1/2 เก็บโดยปิดล็อก และให้พ้นมือเด็ก  
S26 เมื่อเข้าตาให้ล้างทันทีด้วยน้ำปริมาณมาก และไปพบแพทย์  
S37/39 สวมถุงมือ และแว่นตา/หน้ากากที่เหมาะสม  
S45 ในกรณีเกิดอุบัติเหตุหรือรู้สึกไม่สบายให้พบแพทย์ทันที (แสดงฉลากสารเคมีแก่แพทย์ถ้ามี)

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย : ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย  
เริ่มใช้เมื่อ : 10 สิงหาคม 2562



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอไทรน้อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## Gas Turbine Compressor 1:19

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	Gas Turbine Compressor 1:19 (Comwash RMC 1:19)
การใช้ประโยชน์ :	ใช้ทำความสะอาดในงานอุตสาหกรรม
ชื่อผู้ผลิต/ผู้จำหน่าย :	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานไทรน้อย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-ไทรน้อย อำเภอ ไทรน้อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

อันตรายที่อาจเกิดขึ้น :	ไม่เป็นสารที่เป็นอันตรายตามคำสั่ง 1999/45/EC
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### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
non ionic surfactants อยู่ในรูปสารประกอบแบบ		
Ethoxylated fatty amine	61791-14-8	55-65
(เป็นอันตราย (Xn:Harmful) หากกลืนกิน ถ้าเข้าตาจะทำให้เกิดการระคายเคืองได้		

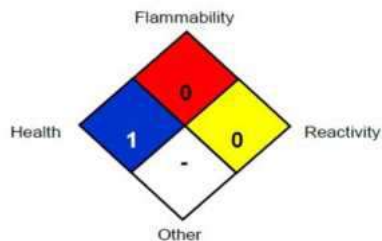
### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	อาจมีการสูดดมในส่วนของละอองไอ แต่ไม่ก่อให้เกิดอันตราย หลีกเลี่ยงได้ โดยเคลื่อนย้ายไปปฏิบัติงานบริเวณที่มีอากาศถ่ายเทสะดวก ถ้าได้รับสารอย่างรุนแรงให้รีบไปพบแพทย์
เมื่อสัมผัสผิวหนัง :	ล้างด้วยน้ำเปล่าให้สะอาด ใช้ครีมสำหรับทาผิวที่ระคายเคือง ควรถอดและทำความสะอาดเสื้อผ้าเมื่อมีการเปื้อน
เมื่อสัมผัสดวงตา :	เมื่อเกิดการระคายเคืองที่ตาให้รีบล้างน้ำอย่างน้อย 15 นาที จนกระทั่ง รู้สึกว่าการระคายเคือง รู้สึกว่าการระคายเคือง ถ้าไม่ดีขึ้นให้รีบไปพบแพทย์
เมื่อกลืนกิน :	ให้ดื่มน้ำตามมากๆ ห้ามทำให้อาเจียร



## หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	ใช้วิธีการดับเพลิงที่เหมาะสมกับสถานะแวดล้อม
อันตรายเฉพาะอย่างที่เกิดจากสารหรือส่วนผสม :	ไม่มีข้อมูล
อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง :	สวมชุดดับเพลิงและอุปกรณ์ป้องกันทางเดินหายใจชนิดถังบรรจุอากาศแบบพกพา (Self-Contained Breathing Apparatus, SCBA)
คำแนะนำสำหรับการผจญเพลิง	
อุปกรณ์ป้องกันพิเศษและข้อควรระวัง :	ไม่ระบุ
ผลิตภัณฑ์สลายตัวที่เป็นอันตราย :	ไม่มีข้อมูล
NFPA :	



HMIS rating:

ความไวไฟ	0
สุขภาพ	1
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิเศษ	

## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อควรระวังด้านสิ่งแวดล้อม :	สามารถทำความสะอาดพื้นด้วยน้ำเปล่า
วิธีการและวัสดุสำหรับเก็บ และทำความสะอาด :	ผลิตภัณฑ์สามารถละลายน้ำได้อย่างสมบูรณ์และย่อยสลายได้เองตามธรรมชาติ สามารถดูดซับได้ด้วยวัสดุเฉื่อย

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

การขนถ่ายวัสดุ :	ไม่มีข้อระวังพิเศษที่จำเป็น ควรหลีกเลี่ยงการสัมผัสกับผิวหนังเป็นเวลานาน
การเก็บรักษา :	เก็บในภาชนะบรรจุเดิมที่ปิดสนิท ป้องกันความเย็น

## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

การป้องกันระบบหายใจ :	ไม่สามารถหลีกเลี่ยงได้
การป้องกันมือ :	ควรสวมถุงมือยางเมื่อต้องปฏิบัติกับผลิตภัณฑ์เป็นระยะเวลานาน หรือ ในกรณีที่ผู้ใช้งานมีผิวที่แพ้ง่าย
การป้องกันผิวหนัง :	ไม่จำเป็นต้องปกป้องเป็นพิเศษเมื่อใช้งานในสภาวะการทำงานปกติ
การป้องกันดวงตา :	ควรสวมแว่นตาเพื่อป้องกัน เพื่อลดปัญหาการกระเด็นเข้าสู่ดวงตา

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะทั่วไป :	สีน้ำตาล, เหมือนไม่มีกลิ่น
ค่าความเป็นกรด-ด่าง (pH) :	6.5-7.5
จุดเดือด :	110°C-120°C
จุดหลอมเหลว :	<-35 °C
จุดวาบไฟ :	> 100°C
การติดไฟ :	ไม่ติดไฟ และไม่สามารถติดไฟได้เอง
การระเบิด :	ไม่มี
ความดันไอ :	-
ความหนาแน่นและการละลายได้ในน้ำ :	1009-1012 kg/m <sup>3</sup> และ 100 %



## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

ความเสถียรทางเคมี :	เสถียร และไม่เกิดปฏิกิริยาออกซิไดซ์
ปฏิกิริยาที่เป็นอันตราย :	ไม่มีข้อมูล
การจำแนกผลิตภัณฑ์ที่เป็นอันตราย :	ไม่มีข้อมูล

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

สินค้าจะถูกจัดประเภทเป็นที่ปลอดภัย  
ผลิตภัณฑ์นี้มีส่วนผสมที่ไม่จัดว่าเป็นสารก่อมะเร็งตามการแบ่งประเภท ของ OSHA, ACGIH, NTP และ IARC

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

การถ่ายเท :	ดูดซึมได้ทันทีในพื้นดิน
ความคงทนต่อการเสื่อมสลายทางเคมี :	ย่อยสลายได้เองตามธรรมชาติ
ความสามารถของสารสะสมทางเคมีในสิ่งแวดล้อม :	ไม่เกิดการสะสมของสาร
ผลข้างเคียงอื่น ๆ :	ไม่เป็นพิษต่อสิ่งแวดล้อม

## หัวข้อที่ 13: มาตรการการกำจัด

การกำจัด :	ในการใช้ผลิตภัณฑ์โดยทั่วไปจะไม่มีผลกระทบต่อสิ่งมีชีวิต แต่สำหรับการกำจัดทิ้งต้องขึ้นอยู่กับกฎหมายของแต่ละพื้นที่
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## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

จัดเป็นสารเคมีประเภทไม่เป็นอันตรายต่อการขนส่ง

## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

บนฉลาก :	ผลิตภัณฑ์ไม่มีการกำหนดคำเตือนหรือสัญลักษณ์อย่างเป็นทางการตามที่ระบุไว้ใน CHIP 1993, กฎข้อบังคับที่ 9 มีการระบุว่าไม่เป็นสารไวไฟ ไม่มีพิษ ย่อยสลายได้ตามธรรมชาติ ไม่เป็นพิษต่อสิ่งแวดล้อม
ขอบเขตการทำงาน :	ในการนำไปใช้ของเจ้าหน้าที่ ผลิตภัณฑ์และส่วนผสมไม่มีการกำหนดค่าที่แน่นอนขึ้นอยู่กับการนำไปใช้

## หัวข้อที่ 16: ข้อมูลอื่น

ข้อมูลที่กล่าวไปข้างต้น ส่วนใหญ่กล่าวถึงเพียงในเรื่องของ สุขภาพและความปลอดภัยซึ่งก็เป็นข้อมูลที่เรามีและถูกต้อง  
ในส่วนอื่นอาจจะต้องให้ผู้ใช้นำข้อมูลที่ทางเราให้รายละเอียดนำไปใช้ให้เหมาะสมกับการปฏิบัติงานของตน  
ห้ามผสมผลิตภัณฑ์กับสารเคมีใดๆ ยกเว้นน้ำปราศจากแร่ธาตุ ตามคำแนะนำของผู้ผลิตเท่านั้น

จัดทำโดย :	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย
เริ่มใช้เมื่อ :	2 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฟลายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอโทรนอย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## Sodium Hypochlorite (NaOCl)

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	10% Sodium Hypochlorite
การใช้ประโยชน์	biocide
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฟลายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอ โทรนอย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทตามระบบ GHS :

การกัดกร่อน/การระคายเคืองต่อผิวหนัง	ประเภทย่อย 1A-1C
การทำลายดวงตารุนแรงและการระคายเคืองต่อดวงตา	ประเภทย่อย 1
การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง	ประเภทย่อย 1
ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการสัมผัส	
ครั้งเดียว (ระบบประสาท ระบบทางเดินหายใจ)	ประเภทย่อย 1
ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการสัมผัส	
ซ้ำ (ตับ อวัยวะรับกลิ่น ระบบทางเดินหายใจ)	ประเภทย่อย 1
ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ	ประเภทย่อย 1

องค์ประกอบฉลาก :



คำสัญญาณ :

ข้อความแสดงความเป็นอันตราย :  
อันตรายต่อระบบทางเดินหายใจเมื่อสัมผัสเป็นเวลานานหรือสัมผัสซ้ำ  
ระคายเคืองต่อผิวหนัง และทำลายเยื่อเมือกตา  
อันตรายต่อสิ่งมีชีวิตในน้ำ

ข้อความแสดงข้อควรระวัง :

ควรได้รับคำแนะนำเฉพาะก่อนการใช้งาน  
หลีกเลี่ยงการสัมผัสหรือหายใจรับสาร  
สวมชุดป้องกันสารเคมี ถุงมือสารเคมี แวนครอบตา  
บริเวณใช้งาน ควรมีระบบระบายอากาศที่ดี  
ห้ามปล่อยสารออกสู่สิ่งแวดล้อมหรือแหล่งน้ำ

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท :

ไม่มีข้อมูล

### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Sodium hypochlorite	7681-52-9	≥ 10
Sodium Chloride	7647-14-5	< 12
Sodium Hydroxide	1310-73-2	<1.5
Water	7732-18-5	76



#### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	ให้อ้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์ หากหายใจไม่สะดวกให้ใช้อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที
เมื่อสัมผัสกับผิวหนัง :	ถอดเสื้อผ้าที่ปนเปื้อนออก ล้างออกด้วยน้ำปริมาณมาก อย่างน้อย 20 นาที
เมื่อสัมผัสดวงตา :	ล้างด้วยน้ำปริมาณมาก ถอดคอนแทกเลนส์ออก เปิดเปลือกตาให้กว้างให้น้ำไหลผ่าน
เมื่อกลืนกิน :	บ้วนปาก ห้ามทำให้อาเจียน นำส่งแพทย์ทันที

#### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	น้ำ คาร์บอนไดออกไซด์ โฟม และผงเคมีแห้ง
อันตรายที่เกิดจากสารเคมีที่ไหม้ไฟ :	เมื่อไม่ลุกติดไฟ แต่ความร้อน จะทำให้เกิดการสลายตัว ให้ออกซิเจนและก๊าซคลอรีน
การป้องกันสำหรับเจ้าหน้าที่ดับเพลิง :	สวมชุดดับเพลิง สวมหน้ากากป้องกันการหายใจชนิดถึงอากาศให้ฉีดน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ
NFPA :	HMIS rating :



ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิษ	ออกซิไดซ์

#### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อระวังส่วนบุคคล :	อพยพคนออกจากบริเวณที่สารรั่วไหล ห้ามสัมผัสสารเคมีโดยตรง ห้ามสูดดมเอาละอองไอเข้าสู่ร่างกาย
อุปกรณ์ป้องกันอันตราย :	สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจ และถุงมือป้องกันสารเคมี
ข้อควรระวังด้านสิ่งแวดล้อม :	กั้นบริเวณเพื่อป้องกันไม่ให้แพร่กระจายสู่ดิน น้ำ หรือสิ่งแวดล้อม
ขั้นตอนปฏิบัติงานฉุกเฉิน :	สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจชนิดแบบมีไส้กรองก๊าซคลอรีน เว้นรอบตาหรือกระบังหน้า ให้ระบายอากาศในบริเวณที่มีการรั่วไหล ใช้อุปกรณ์ดักสารเคมีบนเบื่อนที่เป็นพลาสติก จัดเตรียมถุงและถังพลาสติก(แบบมีฝาปิด) นำสารเคมีบนเบื่อนใส่ถุงพลาสติกปิดรัดถุงแล้วใส่ลงถังพลาสติกปิดฝา แล้วใช้เทปผ้าพันปิดที่ขอบฝาดัง ติดป้ายที่ถัง "สารเคมีบนเบื่อนจากอุบัติเหตุ" นำไปกำจัดตามข้อกำหนด

#### หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่ายเคลื่อนย้าย ใช้กันอย่างปลอดภัย :	หลีกเลี่ยงการสัมผัสกับสารเป็นเวลานาน จัดระบบการระบายอากาศที่เพียงพอในบริเวณใช้งาน
การจัดเก็บ :	ปิดภาชนะให้สนิท เก็บในบริเวณที่ระบายอากาศได้ดี เก็บในที่แห้ง เก็บให้ห่างจากความร้อนแสงแดด สารนี้สามารถทำปฏิกิริยารุนแรงกับกรดทุกชนิด และสารเคมีที่มีความเป็นกรดและสาร รีดิวซ์ซิง



## หัวข้อที่ 8: การควบคุมการสัมผัสและการป้องกันภัยส่วนบุคคล

PEL-C	2 mg/m <sup>3</sup> (OSHA)
PEL-TWA	0.5 mg/m <sup>3</sup> (OSHA 1996)
TVL-STEL	1 mg/kg (ACGIH 2010)

การควบคุมทางวิศวกรรมที่เหมาะสม:

จัดให้มีระบบระบายอากาศที่เพียงพอ  
ติดตั้งระบบดูดอากาศเฉพาะที่  
ป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี)  
การป้องกันระบบหายใจ สวมหน้ากากป้องกันไอสารเคมี (หน้ากากกันก๊าซคลอรีน)  
แว่นตานิรภัยหรือแว่นครอบตา  
ชุดกันสารเคมี  
กระบังหน้า

ข้อควรปฏิบัติ:

เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี  
ล้างมือและหน้าหลังจากทำงานกับสาร  
ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะที่ปรากฏ :	ของเหลวใส สีเหลืองอมเขียว
กลิ่น :	กลิ่นฉุน
ระดับค่าขีดจำกัดของกลิ่น :	0.77 ppm
ค่าความเป็นกรด-ด่าง (pH) :	10.8-13.0
จุดหลอมเหลว/จุดเยือกแข็ง :	-19.4°C
อุณหภูมิจุดเริ่มเดือดและช่วงอุณหภูมิเดือด :	111°C
จุดวาบไฟ :	ไม่ติดไฟ
อัตราการระเหย:	ไม่มีข้อมูล
ความสามารถในการลุกติดไฟได้:	ไม่ติดไฟ
ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟ หรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (% , v/v):	ขีดล่าง ไม่มีข้อมูล ขีดบน ไม่มีข้อมูล
ความดันไอ :	17.5 มม.ปรอท ที่อุณหภูมิ 20 °C
ความหนาแน่นไอ (อากาศ=1) :	ไม่มีข้อมูล
ความหนาแน่นสัมพัทธ์ (น้ำ=1) :	1.2 ที่อุณหภูมิ 15 °C
ความสามารถในการละลายได้:	ละลายน้ำได้ดี
สัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (Log K <sub>ow</sub> )	ไม่มีข้อมูล
อุณหภูมิที่ติดไฟได้เอง:	ไม่ติดไฟ
อุณหภูมิของการสลายตัว:	ไม่มีข้อมูล
ความหนืด:	2.6cP ที่อุณหภูมิ 20 °C

## หัวข้อที่ 10: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน:	LD <sub>50</sub> (หนูพุก ทางปาก): >5,000 มิลลิกรัม/กิโลกรัม LD <sub>50</sub> (หนูพุก ทางหายใจ): >10,500 มิลลิกรัม/กิโลกรัม LD <sub>50</sub> (กระต่าย ทางผิวหนัง): >10,000 มิลลิกรัม/กิโลกรัม
การหายใจเข้าไป:	ทำให้ไอ แสบคอ หายใจถี่ หายใจลำบาก
การสัมผัสทางผิวหนัง:	ผิวหนังไหม้อย่างรุนแรง เจ็บปวด แผลพุพอง
การสัมผัสทางดวงตา:	ตาไหม้อย่างรุนแรง และตาบอดได้
การกลืนกิน:	แสบร้อนปาก คอ และหน้าอก ปวดท้อง คลื่นไส้ อาเจียร หดสติ
อาการที่ปรากฏ:	ไอ แสบคอ หายใจถี่ ปวดศีรษะ ปวดบวม น้ำ กล้ามเนื้อหดเกร็ง กล้องเสียงอักเสบ อ่อนเพลีย
ผลกระทบเฉียบพลัน:	กักร้อนดวงตา ผิวหนังและทางเดินหายใจ ทำให้ปวดบวม น้ำ
ผลกระทบเรื้อรัง:	ทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง ทำให้หลอดลมอักเสบ เป็นผลให้มีเสมหะ ไอ หายใจถี่



## หัวข้อที่ 11: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	ทำปฏิกิริยารุนแรงหรือระเบิดกับกรดแก่ Acid compounds ( Aluminium Chloride, Ferric Chloride, Alum) Acid Based cleaning compounds (Brick, Concrete cleaners) Ammonia Compounds (Ammonium chloride, Ammonium Hydroxide, Ammonium salt) จะปล่อยก๊าซ chlorine และก๊าซอื่นๆที่เป็นพิษ ทำปฏิกิริยารุนแรงกับสารอินทรีย์ (เช่น สารละลาย เชื้อเพลิง แอลกอฮอล์ สารฆ่าแมลง และ Glycols) Amines, Organic Polymers ก่อให้เกิด Chlorine, Chlorinated Organic Compounds และสารที่ระเบิดได้ สารรีดิวซ์ (เช่น Sodium Bisulfite, Sodium Thiosulfate) จะให้ความร้อน เสถียรภายใต้อุณหภูมิปกติ
ความเสถียรทางเคมี:	
วัสดุที่เข้ากันไม่ได้:	Hydrogen Peroxide สารรีดิวซ์ โลหะ(ทองแดง นิกเกิล โคบอล และเหล็ก) ห้ามใช้อุปกรณ์ทำด้วย Stainless Steel, Aluminum, Carbon Steel เพราะจะให้ออกซิเจนซึ่งจะทำให้ภาชนะฉีกขาด ก๊าซออกซิเจน และก๊าซคลอรีน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย:	ก๊าซออกซิเจน และก๊าซคลอรีน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตรายเมื่อสัมผัสกับน้ำ :	ไม่มีข้อมูล
ผลิตภัณฑ์จากกาเผาไหม้:	ไม่มีข้อมูล

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษต่อระบบนิเวศ :	ความเป็นพิษต่อปลา Chupea harengus LC <sub>50</sub> : 0.065 มิลลิกรัม/ลิตร/96 ชั่วโมง ความเป็นพิษต่อปลา Crustacea Daphnia magna EC50 : 0.032 มิลลิกรัม/ลิตร/48 ชั่วโมง ความเป็นพิษต่อสาหร่าย Gracilaria tenuistipitata Red algae EC50 : 46 มิลลิกรัม/ลิตร/96 ชั่วโมง
ความคงอยู่นานและความสามารถในการย่อยสลายทางชีวภาพ :	ย่อยสลายทางชีวภาพได้อย่างรวดเร็ว
ศักยภาพและการสะสมทางชีวภาพ :	ไม่สะสมทางชีวภาพ
การเคลื่อนย้ายในดิน :	ไม่มีข้อมูล
ผลกระทบในทางเสียหายนอื่น ๆ :	ไม่มีข้อมูล

## หัวข้อที่ 13: มาตรการการกำจัด

วิธีการกำจัด :	ใช้น้ำทำความสะอาดและทำให้เป็นกลางด้วย โซเดียมซัลไฟต์หรือโซเดียมไฮโอซัลไฟต์ หรือโซเดียมไบซัลไฟต์
บรรจุภัณฑ์ :	ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN Number :	1791
ชื่อที่ถูกต้องในการขนส่ง :	Hypochlorite Solution
ประเภทความเป็นอันตรายสำหรับการขนส่ง :	8
กลุ่มบรรจุภัณฑ์ :	II
การติดฉลาก:	



มลภาวะทางทะเล :	ไม่มีข้อมูล
การขนส่งด้วยภาชนะขนาดใหญ่	L4BN
ข้อควรระวังพิเศษ :	ไม่มีข้อมูล



#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

กฎหมาย/ข้อบังคับของประเทศไทย

พระราชบัญญัติวัดอันตราย พ.ศ. 2535 ประเภทวัดอันตราย: ชนิดที่1  
(กรมโรงงานอุตสาหกรรม กรมประมง สำนักงานคณะกรรมการอาหารและยา )

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

10 สิงหาคม 2562



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอโทรนอย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## Sodium Hypochlorite (NaOCl)

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	10% Sodium Hypochlorite
การใช้ประโยชน์	biocide
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอ โทรนอย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทตามระบบ GHS :

การกัดกร่อน/การระคายเคืองต่อผิวหนัง	ประเภทย่อย 1A-1C
การทำลายดวงตารุนแรงและการระคายเคืองต่อดวงตา	ประเภทย่อย 1
การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง	ประเภทย่อย 1
ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการสัมผัส	
ครั้งเดียว (ระบบประสาท ระบบทางเดินหายใจ)	ประเภทย่อย 1
ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการสัมผัส	
ซ้ำ (ตับ อวัยวะรับกลิ่น ระบบทางเดินหายใจ)	ประเภทย่อย 1
ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ	ประเภทย่อย 1

องค์ประกอบฉลาก :



คำสัญญาณ :

ข้อความแสดงความเป็นอันตราย :

อันตราย  
อันตรายต่อระบบทางเดินหายใจเมื่อสัมผัสเป็นเวลานานหรือสัมผัสซ้ำ  
ระคายเคืองต่อผิวหนัง และทำลายเยื่อเมือกตา  
อันตรายต่อสิ่งมีชีวิตในน้ำ

ข้อความแสดงข้อควรระวัง :

ควรได้รับคำแนะนำเฉพาะก่อนการใช้งาน  
หลีกเลี่ยงการสัมผัสหรือหายใจรับสาร  
สวมชุดป้องกันสารเคมี ถุงมือสารเคมี แวนครอบตา  
บริเวณใช้งาน ควรมีระบบระบายอากาศที่ดี  
ห้ามปล่อยสารออกสู่สิ่งแวดล้อมหรือแหล่งน้ำ

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท :

ไม่มีข้อมูล

### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Sodium hypochlorite	7681-52-9	≥ 10
Sodium Chloride	7647-14-5	< 12
Sodium Hydroxide	1310-73-2	<1.5
Water	7732-18-5	76



#### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	ให้อ้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์ หากหายใจไม่สะดวกให้ใช้อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที
เมื่อสัมผัสกับผิวหนัง :	ถอดเสื้อผ้าที่ปนเปื้อนออก ล้างออกด้วยน้ำปริมาณมาก อย่างน้อย 20 นาที
เมื่อสัมผัสดวงตา :	ล้างด้วยน้ำปริมาณมาก ถอดคอนแทกเลนส์ออก เปิดเปลือกตาให้กว้างให้น้ำไหลผ่าน
เมื่อกลืนกิน :	บ้วนปาก ห้ามทำให้อาเจียน นำส่งแพทย์ทันที

#### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	น้ำ คาร์บอนไดออกไซด์ โฟม และผงเคมีแห้ง
อันตรายที่เกิดจากสารเคมีที่ไหม้ไฟ :	เมื่อไม่ลุกติดไฟ แต่ความร้อน จะทำให้เกิดการสลายตัว ให้ออกซิเจนและก๊าซคลอรีน
การป้องกันสำหรับเจ้าหน้าที่ดับเพลิง :	สวมชุดดับเพลิง สวมหน้ากากป้องกันการหายใจชนิดถึงอากาศให้ฉีดน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ
NFPA :	HMIS rating :



ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	0
ข้อมูลพิษ	ออกซิไดซ์

#### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อระวังส่วนบุคคล :	อพยพคนออกจากบริเวณที่สารรั่วไหล ห้ามสัมผัสสารเคมีโดยตรง ห้ามสูดดมเอาละอองไอเข้าสู่ร่างกาย
อุปกรณ์ป้องกันอันตราย :	สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจ และถุงมือป้องกันสารเคมี
ข้อควรระวังด้านสิ่งแวดล้อม :	กั้นบริเวณเพื่อป้องกันไม่ให้แพร่กระจายสู่ดิน น้ำ หรือสิ่งแวดล้อม
ขั้นตอนปฏิบัติงานฉุกเฉิน :	สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจชนิดแบบมีไส้กรองก๊าซคลอรีน เว้นรอบตาหรือกระบังหน้า ให้ระบายอากาศในบริเวณที่มีการรั่วไหล ใช้อุปกรณ์ดักสารเคมีบนเบื่อนที่เป็นพลาสติก จัดเตรียมถุงและถังพลาสติก(แบบมีฝาปิด) นำสารเคมีบนเบื่อนใส่ถุงพลาสติกปิดรัดถุงแล้วใส่ลงถังพลาสติกปิดฝา แล้วใช้เทปผ้าพันปิดที่ขอบฝาดัง ติดป้ายที่ถัง "สารเคมีบนเบื่อนจากอุบัติเหตุ" นำไปกำจัดตามข้อกำหนด

#### หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่ายเคลื่อนย้าย ใช้งานอย่างปลอดภัย :	หลีกเลี่ยงการสัมผัสกับสารเป็นเวลานาน จัดระบบการระบายอากาศที่เพียงพอในบริเวณใช้งาน
การจัดเก็บ :	ปิดภาชนะให้สนิท เก็บในบริเวณที่ระบายอากาศได้ดี เก็บในที่แห้ง เก็บให้ห่างจากความร้อนแสงแดด สารนี้สามารถทำปฏิกิริยารุนแรงกับกรดทุกชนิด และสารเคมีที่มีความเป็นกรดและสาร รีดิวซ์ซิง



## หัวข้อที่ 8: การควบคุมการสัมผัสและการป้องกันภัยส่วนบุคคล

PEL-C	2 mg/m <sup>3</sup> (OSHA)
PEL-TWA	0.5 mg/m <sup>3</sup> (OSHA 1996)
TVL-STEL	1 mg/kg (ACGIH 2010)

การควบคุมทางวิศวกรรมที่เหมาะสม:

จัดให้มีระบบระบายอากาศที่เพียงพอ  
ติดตั้งระบบดูดอากาศเฉพาะที่  
ป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี)  
การป้องกันระบบหายใจ สวมหน้ากากป้องกันไอสารเคมี (หน้ากากกันก๊าซคลอรีน)  
แว่นตานิรภัยหรือแว่นครอบตา  
ชุดกันสารเคมี  
กระบังหน้า

ข้อควรปฏิบัติ:

เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี  
ล้างมือและหน้าหลังจากทำงานกับสาร  
ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะที่ปรากฏ :	ของเหลวใส สีเหลืองอมเขียว
กลิ่น :	กลิ่นฉุน
ระดับค่าขีดจำกัดของกลิ่น :	0.77 ppm
ค่าความเป็นกรด-ด่าง (pH) :	10.8-13.0
จุดหลอมเหลว/จุดเยือกแข็ง :	-19.4°C
อุณหภูมิจุดเริ่มเดือดและช่วงอุณหภูมิเดือด :	111°C
จุดวาบไฟ :	ไม่ติดไฟ
อัตราการระเหย:	ไม่มีข้อมูล
ความสามารถในการลุกติดไฟได้:	ไม่ติดไฟ
ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟ หรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (% , v/v):	ขีดล่าง ไม่มีข้อมูล ขีดบน ไม่มีข้อมูล
ความดันไอ :	17.5 มม.ปรอท ที่อุณหภูมิ 20 °C
ความหนาแน่นไอ (อากาศ=1) :	ไม่มีข้อมูล
ความหนาแน่นสัมพัทธ์ (น้ำ=1) :	1.2 ที่อุณหภูมิ 15 °C
ความสามารถในการละลายได้:	ละลายน้ำได้ดี
สัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (Log K <sub>ow</sub> )	ไม่มีข้อมูล
อุณหภูมิที่ติดไฟได้เอง:	ไม่ติดไฟ
อุณหภูมิของการสลายตัว:	ไม่มีข้อมูล
ความหนืด:	2.6cP ที่อุณหภูมิ 20 °C

## หัวข้อที่ 10: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน:	LD <sub>50</sub> (หนูพุก ทางปาก): >5,000 มิลลิกรัม/กิโลกรัม LD <sub>50</sub> (หนูพุก ทางหายใจ): >10,500 มิลลิกรัม/กิโลกรัม LD <sub>50</sub> (กระต่าย ทางผิวหนัง): >10,000 มิลลิกรัม/กิโลกรัม
การหายใจเข้าไป:	ทำให้ไอ แสบคอ หายใจถี่ หายใจลำบาก
การสัมผัสทางผิวหนัง:	ผิวหนังไหม้อย่างรุนแรง เจ็บปวด แผลพุพอง
การสัมผัสทางดวงตา:	ตาไหม้อย่างรุนแรง และตาบอดได้
การกลืนกิน:	แสบร้อนปาก คอ และหน้าอก ปวดท้อง คลื่นไส้ อาเจียร หดสติ
อาการที่ปรากฏ:	ไอ แสบคอ หายใจถี่ ปวดศีรษะ ปวดบวม น้ำ กล้ามเนื้อหดเกร็ง กล้องเสียงอักเสบ อ่อนเพลีย
ผลกระทบเฉียบพลัน:	กักร่อนดวงตา ผิวหนังและทางเดินหายใจ ทำให้ปวดบวม น้ำ
ผลกระทบเรื้อรัง:	ทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง ทำให้หลอดลมอักเสบ เป็นผลให้มีเสมหะ ไอ หายใจถี่



## หัวข้อที่ 11: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	ทำปฏิกิริยารุนแรงหรือระเบิดกับกรดแก่ Acid compounds ( Aluminium Chloride, Ferric Chloride, Alum) Acid Based cleaning compounds (Brick, Concrete cleaners) Ammonia Compounds (Ammonium chloride, Ammonium Hydroxide , Ammonium salt) จะปล่อยก๊าซ chlorine และก๊าซอื่นๆที่เป็นพิษ ทำปฏิกิริยารุนแรงกับสารอินทรีย์ (เช่น สารละลาย เชื้อเพลิง แอลกอฮอล์ สารฆ่าแมลง และ Glycols) Amines, Organic Polymers ก่อให้เกิด Chlorine, Chlorinated Organic Compounds และสารที่ระเบิดได้ สารรีดิวซ์ (เช่น Sodium Bisulfite, Sodium Thiosulfate) จะให้ความร้อน เสถียรภายใต้อุณหภูมิปกติ
ความเสถียรทางเคมี:	
วัสดุที่เข้ากันไม่ได้:	Hydrogen Peroxide สารรีดิวซ์ โลหะ(ทองแดง นิกเกิล โคบอล และเหล็ก) ห้ามใช้อุปกรณ์ทำด้วย Stainless Steel, Aluminum, Carbon Steel เพราะจะให้ออกซิเจนซึ่งจะทำให้ภาชนะฉีกขาด ก๊าซออกซิเจน และก๊าซคลอรีน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย:	ก๊าซออกซิเจน และก๊าซคลอรีน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตรายเมื่อสัมผัสกับน้ำ :	ไม่มีข้อมูล
ผลิตภัณฑ์จากกาเผาไหม้:	ไม่มีข้อมูล

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษต่อระบบนิเวศ :	ความเป็นพิษต่อปลา Chupea harengus LC <sub>50</sub> : 0.065 มิลลิกรัม/ลิตร/96 ชั่วโมง ความเป็นพิษต่อปลา Crustacea Daphnia magna EC50 : 0.032 มิลลิกรัม/ลิตร/48 ชั่วโมง ความเป็นพิษต่อสาหร่าย Gracilaria tenuistipitata Red algae EC50 : 46 มิลลิกรัม/ลิตร/96 ชั่วโมง
ความคงอยู่นานและความสามารถในการย่อยสลายทางชีวภาพ :	ย่อยสลายทางชีวภาพได้อย่างรวดเร็ว
ศักยภาพและการสะสมทางชีวภาพ :	ไม่สะสมทางชีวภาพ
การเคลื่อนย้ายในดิน :	ไม่มีข้อมูล
ผลกระทบในทางเสียหายนอื่น ๆ :	ไม่มีข้อมูล

## หัวข้อที่ 13: มาตรการการกำจัด

วิธีการกำจัด :	ใช้น้ำทำความสะอาดและทำให้เป็นกลางด้วย โซเดียมซัลไฟต์หรือโซเดียมไฮโอซัลไฟต์ หรือโซเดียมไบซัลไฟต์
บรรจุภัณฑ์ :	ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN Number :	1791
ชื่อที่ถูกต้องในการขนส่ง :	Hypochlorite Solution
ประเภทความเป็นอันตรายสำหรับการขนส่ง :	8
กลุ่มบรรจุภัณฑ์ :	II
การติดฉลาก:	



มลภาวะทางทะเล :	ไม่มีข้อมูล
การขนส่งด้วยภาชนะขนาดใหญ่	L4BN
ข้อควรระวังพิเศษ :	ไม่มีข้อมูล



#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

กฎหมาย/ข้อบังคับของประเทศไทย

พระราชบัญญัติวัดอันตราย พ.ศ. 2535 ประเภทวัดอันตราย: ชนิดที่1  
(กรมโรงงานอุตสาหกรรม กรมประมง สำนักงานคณะกรรมการอาหารและยา )

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

10 สิงหาคม 2562



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอโทรนอย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## Hydrochloric Acid (HCl)

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	กรดไฮโดรคลอริก
การใช้ประโยชน์	ปรับแต่งคุณภาพน้ำ
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนอย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนอย อำเภอ โทรนอย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทตามระบบ GHS :

การกัดกร่อน/การระคายเคืองต่อผิวหนัง      ประเภทย่อย 1  
การทำลายดวงตาอย่างรุนแรงและการระคายเคืองต่อดวงตา      ประเภทย่อย 2A  
การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง      ประเภทย่อย 1  
ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการรับสัมผัส  
ครั้งเดียว (ระบบประสาท ระบบทางเดินหายใจ)      ประเภทย่อย 1  
ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการรับสัมผัส  
ซ้ำ (ตับ อวัยวะรับกลืน ระบบทางเดินหายใจ)      ประเภทย่อย 1  
ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ      ประเภทย่อย 1

องค์ประกอบฉลาก :



คำสัญญาณ :

ระวัง

ข้อความแสดงความเป็นอันตราย :

อันตรายต่อระบบทางเดินหายใจ  
อันตรายต่อผิวหนังอย่างรุนแรงและทำลายดวงตา  
อันตรายต่อสิ่งมีชีวิตในน้ำ  
ทำให้เกิดการแพ้ที่ผิวหนัง

ข้อความแสดงข้อควรระวัง :

ควรได้รับคำแนะนำเฉพาะก่อนการใช้งาน  
หลีกเลี่ยงการสัมผัสหรือหายใจรับสาร  
สวมใส่หน้ากากป้องกันก๊าซ ชุดป้องกันสารเคมี ถุงมือกันสารเคมี แวนครอบตา รองเท้า  
บริเวณใช้งาน ควรมีระบบระบายอากาศที่ดี  
ห้ามปล่อยสารออกสู่สิ่งแวดล้อมหรือแหล่งน้ำ  
ห้ามใช้งานหากยังไม่ได้อ่านหรือเข้าใจข้อควรระวังด้านความปลอดภัย

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท:

ไม่มีข้อมูล

### หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Hydrochloric Acid	7647-01-0	35 %
Water	7732-18-5	65 %



#### หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :	ให้ย้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์ หากหายใจไม่สะดวกให้ใช้อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที
เมื่อสัมผัสกับผิวหนัง :	ถอดเสื้อผ้าที่ปนเปื้อนออก ล้างออกด้วยน้ำปริมาณมาก อย่างน้อย 20 นาที
เมื่อสัมผัสดวงตา :	ล้างด้วยน้ำปริมาณมาก ถอดคอนแทคเลนส์ออก เปิดเปลือกตาให้กว้างให้น้ำไหลผ่าน
เมื่อกลืนกิน :	บ้วนปาก ห้ามทำให้อาเจียน นำส่งแพทย์ทันที

#### หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :	ให้ใช้สารดับเพลิงให้เหมาะสมกับเพลิงไหม้ที่เกิดบริเวณรอบๆ
อันตรายที่เกิดจากสารเคมีที่ไหม้ไฟ :	เมื่อสัมผัสโลหะจะให้แก๊สไฮโดรเจน ซึ่งอาจจะระเบิดได้
การป้องกันสำหรับเจ้าหน้าที่ดับเพลิง :	สวมชุดผจญเพลิง ชุดป้องกันสารเคมี สวมหน้ากากป้องกันการหายใจชนิดมีถังอัดอากาศ (SCBA) ฉีดน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ ห้ามฉีดน้ำไปยังภาชนะโดยตรง
NFPA :	HMIS rating :



ความไวไฟ	0
สุขภาพ	3
การเกิดปฏิกิริยาเคมี	1
ข้อมูลพิเศษ	ออกซิไดซ์

#### หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อระวังส่วนบุคคล :	อพยพคนออกจากบริเวณที่สารหกตรศ ควรอยู่ในทิศทางเหนือลม ห้ามสัมผัสสารเคมีโดยตรง ห้ามสูดดมเอาไอสารเข้าไป ให้กั้นแยกพื้นที่อันตรายและควบคุมบุคคลที่มีอุปกรณ์ป้องกันผ่านเข้าออกได้เท่านั้น จัดให้มีการระบายอากาศอย่างเพียงพอ การเข้าพื้นที่ต้องเข้าไปในทิศทางเหนือลม ห้ามสัมผัสวัตถุปนเปื้อน
อุปกรณ์ป้องกันอันตราย :	สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจ และถุงมือป้องกันสารเคมี
ข้อควรระวังด้านสิ่งแวดล้อม :	กั้นบริเวณเพื่อป้องกันไม่ให้แพร่กระจายสู่ดิน น้ำ หรือสิ่งแวดล้อม
ขั้นตอนปฏิบัติงานฉุกเฉิน :	สวมชุดป้องกันสารเคมี อุปกรณ์ป้องกันระบบหายใจชนิดแบบมีไส้กรองสารเคมี ประเภทกรอง ไอกรด ให้ระบายอากาศในบริเวณที่เกิดเหตุ ใช้อุปกรณ์ดักสารเคมีปนเปื้อนที่เป็นพลาสติก จัดเตรียมถุงและถังพลาสติก (แบบมีฝาปิด) นำสารเคมีปนเปื้อนใส่ถุงพลาสติกปิดรัดถุงแล้วใส่ลงถังพลาสติกปิดฝาแล้วใช้เทปผ้าพันปิดที่ ขอบฝาถังติดป้ายที่ถึง "สารเคมีปนเปื้อนจากอุบัติเหตุ" นำไปกำจัดตามข้อกำหนด

#### หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

ข้อควรระวังในการขนถ่ายเคลื่อนย้าย ใช้กันอย่างปลอดภัย :	ภาชนะประเภทบรรจุภัณฑ์ที่ขนย้ายต้องแข็งแรง ปิดสนิท มีฉลากกำกับ จัดระบบระบายอากาศที่เพียงพอในบริเวณใช้งาน ป้องกันละอองไอของกรดในบริเวณทำงาน หลีกเลี่ยงการสูดดม และการสัมผัสโดยตรง
การจัดเก็บ :	ปิดภาชนะให้สนิท เก็บในบริเวณที่ระบายอากาศได้ดี เก็บในที่แห้ง ห่างจากสารที่ อาจเกิดปฏิกิริยา เก็บให้ห่างจากความร้อน ความชื้น สารออกซิไดซ์ โลหะ แอลกอฮอล์ กรด โซดาไฟด์ ซัลไฟด์ ภาชนะบรรจุเป็นวัสดุทนการกัดกร่อน ห้ามรับประทานอาหาร เครื่องดื่ม ในบริเวณพื้นที่ใช้สาร
ข้อควรระวังด้านสิ่งแวดล้อม :	ห้ามให้สารปนเปื้อนสิ่งแวดล้อม



## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

PEL-C 5 mg/m<sup>3</sup> (NIOSH 2010/OSHA 2010)

PEL-TWA 2 mg/m<sup>3</sup>

TVL-STEL 0.5 mg/kg (ACGIH 2010)

การควบคุมทางวิศวกรรมที่เหมาะสม:

จัดให้มีการระบายอากาศที่เพียงพอ

ติดตั้งระบบดูดอากาศเฉพาะที่

ออกแบบให้เป็นระบบปิด ป้องกันไอสารเคมี

อุปกรณ์ป้องกันภัยส่วนบุคคล:

ป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี)

การป้องกันระบบหายใจ สวมหน้ากากป้องกันไอสารเคมี (หน้ากากกันก๊าซคลอรีน)

แว่นตานิรภัยหรือแว่นครอบตา

ชุดกันสารเคมี

กระบังหน้า

ข้อควรปฏิบัติ:

เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี

ล้างมือและหน้าหลังจากทำงานกับสาร

ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะที่ปรากฏ :

ของเหลวใส ไม่มีสี

กลิ่น :

กลิ่นฉุน

ระดับค่าขีดจำกัดของกลิ่น :

ไม่มีข้อมูล

ค่าความเป็นกรด-ด่าง (pH) :

<0

จุดหลอมเหลว/จุดเยือกแข็ง :

-20 ถึง -30 °C

อุณหภูมิจุดเริ่มเดือดและช่วงอุณหภูมิเดือด :

63.8 °C ที่ 101.3 kPa

จุดวาบไฟ :

ไม่ติดไฟ

อัตราการระเหย:

<1

ความสามารถในการลุกติดไฟได้:

ไม่ติดไฟ

ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟ หรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (% , v/v):

ขีดล่าง ไม่มีข้อมูล

ขีดบน ไม่มีข้อมูล

ความดันไอ :

100 มม.ปรอท (13.3 kPa) ที่อุณหภูมิ 20 °C

ความหนาแน่นไอ (อากาศ=1) :

1.27

ความหนาแน่นสัมพัทธ์ (น้ำ=1) :

1.18 ที่อุณหภูมิ 30 °C

ความสามารถในการละลายได้:

ละลายน้ำได้ดี

สัมประสิทธิ์การละลายของสารในชั้นของ n-octanol ต่อ น้ำ (Log K<sub>ow</sub>) ไม่มีข้อมูล

อุณหภูมิที่ติดไฟได้เอง:

ไม่ติดไฟ

อุณหภูมิของการสลายตัว:

ไม่มีข้อมูล

ความหนืด:

1.9 cP ที่อุณหภูมิ 20 °C (0.0148 mP)

## หัวข้อที่ 10: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน:

LD<sub>50</sub> (กระต่าย ทางปาก): 900 มิลลิกรัม/กิโลกรัม

LD<sub>50</sub> (หนูพุก ทางหายใจ): 8,300 มิลลิกรัม/ลูกบาศก์เมตร

การหายใจเข้าไป:

ระคายเคืองจมูก คอ ปอด ไอ เจ็บคอ หายใจถี่ แผลไหม้ของเยื่อเมือกทำให้ปอดบวม

สารนี้ทำให้เนื้อเยื่อและบริเวณทางเดินหายใจส่วนบน ถูกทำลายอย่างรุนแรง

การสัมผัสทางผิวหนัง:

เป็นแผลไหม้ อาจเป็นอันตรายหากถูกดูดซึมทางผิวหนัง

การสัมผัสทางดวงตา:

ระคายเคืองดวงตา ดวงตาไหม้อย่างรุนแรง

การกลืนกิน:

แสบร้อนปาก คอ และหน้าอก ปวดท้อง คลื่นไส้ อาเจียน ท้องเสีย

อาการที่ปรากฏ:

คลื่นไส้ อาเจียน ปวดศีรษะ ง่วงซึม ผิวหนังอักเสบ

ผลกระทบเฉียบพลัน:

ไม่มีข้อมูล

ผลกระทบเรื้อรัง:

ไม่มีข้อมูล



## หัวข้อที่ 11: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	ทำปฏิกิริยารุนแรงและก่อให้เกิดระเบิด กับ Acetylene, Ether, Fluorine compounds, Turpentine, Alcohols, Ammonia ต่างแก่ (เช่น Sodium Hydroxide, Potassium Hydroxide)
ความเสถียรทางเคมี :	เสถียรภายใต้อุณหภูมิและความดันปกติ ของการใช้และการเก็บ
ความเป็นไปได้ในการเกิดปฏิกิริยาอันตราย :	ความร้อน ความชื้น แสงแดด พื้นที่ที่มีประกายไฟ
สภาวะที่ควรหลีกเลี่ยง :	โลหะ เมื่อสัมผัสแล้วจะให้แก๊สไฮโดรเจน ที่อาจจะระเบิดได้ วัตถุออกซิไดซ์ วัตถุรีดิวซ์ ต่าง
วัสดุที่เข้ากันไม่ได้ :	ไฮโดรเจนคลอไรด์, คลอรีน, แก๊สไฮโดรเจน
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตรายเมื่อสัมผัสน้ำ :	ไม่มีข้อมูล
ผลิตภัณฑ์จากการเผาไหม้ :	ไม่มีข้อมูล
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	ไม่มีข้อมูล

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษต่อระบบนิเวศ :	ความเป็นพิษต่อปลา Mosquito fish $LC_{50}$ : 282 มิลลิกรัม/ลิตร/96 ชั่วโมง ความเป็นพิษต่อ Crustacea Daphnia magna $EC_{50}$ : 0.492 มิลลิกรัม/ลิตร/48 ชั่วโมง
ความคงอยู่นานและความสามารถในการย่อยสลายทางชีวภาพ :	สารนี้ไม่สามารถย่อยสลายทางชีวภาพ
ศักยภาพและการสะสมทางชีวภาพ :	ไม่สะสมทางชีวภาพ
การเคลื่อนย้ายในดิน :	ไม่มีข้อมูล
ผลกระทบในทางเสียหายนอื่น ๆ:	สารนี้เป็นพิษมากต่อสิ่งมีชีวิตในน้ำ

## หัวข้อที่ 13: มาตรการการกำจัด

วิธีการกำจัด :	ใช้น้ำทำความสะอาดและทำให้เป็นกลางด้วย โซเดียมคาร์บอเนต หรือปูนขาว
บรรจุภัณฑ์ :	ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป

## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

หมายเลข UN Number :	1789
ชื่อที่ถูกต้องในการขนส่ง :	Hydrochloric Acid
ประเภทความเป็นอันตรายสำหรับการขนส่ง :	8
กลุ่มบรรจุภัณฑ์ :	II
การติดฉลาก:	



มลภาวะทางทะเล :	ไม่มีข้อมูล
การขนส่งด้วยภาชนะขนาดใหญ่	แท้จริงมาตรฐาน L4BN
ข้อควรระวังพิเศษ :	ไม่มีข้อมูล

## หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

กฎหมาย/ข้อบังคับของประเทศไทย	พระราชบัญญัติวัตถุอันตราย พ.ศ. 2535 ประเภทวัตถุอันตราย: ชนิดที่ 3 (กรมโรงงานอุตสาหกรรม กรมประมง สำนักงานคณะกรรมการอาหารและยา) ประกาศกระทรวงอุตสาหกรรมเรื่องการขนส่งวัตถุอันตรายทางบก พ.ศ. 2546 ประกาศกรมการขนส่งทางบก เรื่องการติดป้ายอักษรภาพและเครื่องหมายของรถบรรทุกวัตถุอันตราย พ.ศ. 2543
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จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

2 มิถุนายน 2563



# ข้อมูลความปลอดภัยสารเคมี

Safety Data Sheet (SDS)



ฝ่ายเคมี

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนน้อย)

อาคาร ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนน้อย อำเภอโทรนน้อย จังหวัดนนทบุรี ประเทศไทย 11150

หมายเลขโทรศัพท์ 02-436-8789 ถึง 6710 <http://pb.egat.co.th/>

## 50% Sulfuric acid ( $H_2SO_4$ )

### หัวข้อที่ 1: ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิตและหรือจำหน่าย

ชื่อผลิตภัณฑ์ :	50% Sulfuric acid
การใช้ประโยชน์	ปรับสภาพความเป็นกรด-ด่าง
ชื่อผู้ผลิต/ผู้จำหน่าย:	ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (สำนักงานโทรนน้อย) ตึก ท.0019 ชั้น 5 เลขที่ 81 หมู่ 11 ถนน บางกรวย-โทรนน้อย อำเภอ โทรนน้อย จังหวัด นนทบุรี รหัสไปรษณีย์ 11150 หมายเลขโทรศัพท์ 02-4368789 ต่อ 6710
หมายเลขโทรศัพท์ฉุกเฉิน :	หมายเลขโทรศัพท์ 02-4368789 ต่อ 6731 หรือติดต่อสายด่วนหมายเลข 1650

### หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

การจำแนกประเภทตามระบบ GHS :

ความเป็นอันตรายต่อสุขภาพ :

ความเป็นพิษเฉียบพลัน  
ทางปาก กลุ่มที่ 5- ระวัง  
ทางการหายใจ กลุ่มที่ 2-อันตราย  
การกัดกร่อน/ระคายเคืองต่อดวงตา กลุ่มที่ 1-อันตราย  
การกัดกร่อน/ระคายเคืองต่อผิวหนัง กลุ่มที่ 1-อันตราย  
การก่อมะเร็ง กลุ่มที่ 1-อันตราย  
ความเป็นพิษต่ออวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการ  
สัมผัสครั้งเดียว กลุ่มที่ 1-อันตราย  
ความเป็นพิษต่ออวัยวะเป้าหมายเฉพาะเจาะจงจากการรับ  
ซ้ำ กลุ่มที่ 1-อันตราย  
ความเป็นอันตรายต่อสิ่งแวดล้อมทางน้ำ กลุ่มที่ 3

ความเป็นอันตรายต่อสิ่งแวดล้อม :

องค์ประกอบฉลาก :



คำสัญญาณ :

ข้อความแสดงความเป็นอันตราย :

อันตราย  
อาจเป็นอันตรายเมื่อกลืนกิน  
เป็นอันตรายถึงตายได้ ถ้าหายใจเข้าไป (ละออง)  
ทำให้ผิวหนังไหม้อย่างรุนแรงและทำลายดวงตาอย่างรุนแรง  
อาจก่อให้เกิดมะเร็ง (การหายใจ)  
อันตรายต่อสิ่งมีชีวิตในน้ำ



## หัวข้อที่ 2 : ข้อมูลระบุความเป็นอันตราย

ข้อความแสดงข้อควรระวัง :

ห้ามหายใจละอองไอของสารเข้าไป

สวมชุดและอุปกรณ์คุ้มครองความปลอดภัยส่วนบุคคล

กรดซัลฟิวริกเมื่อเกิดกร่อนโลหะจะทำให้ก๊าซไฮโดรเจนที่เป็นสารไวไฟ

เก็บให้ห่างจากสารที่เข้ากันไม่ได้

รหัสแสดงความเสี่ยง (Risk-Phrases) :

R35 เกิดแผลไหม้รุนแรงได้

รหัสแสดงความปลอดภัย (Safety-Phrases) :

S1/2 เก็บในสถานที่ปิดสนิท และพ้นจากเด็ก

S26 กรณีที่สารเข้าตาให้ล้างออกทันทีด้วยน้ำปริมาณมากและพบแพทย์

S30 ห้ามเติมน้ำลงในสารนี้

S45 กรณีเกิดอุบัติเหตุ หรือ รู้สึกไม่สบายให้พบแพทย์ทันที (นำฉลากของสารไปด้วย)

## หัวข้อที่ 3: ส่วนประกอบและข้อมูลเกี่ยวกับส่วนผสม

องค์ประกอบของสาร	CAS NUMBER	% W/W
Sulfuric acid	7664-93-9	50.0
Water	7789-20-0	50.0

## หัวข้อที่ 4: วิธีการปฐมพยาบาล

เมื่อสูดดม :

ให้เคลื่อนย้ายไปที่ที่มีอากาศบริสุทธิ์ แล้วรีบนำส่งแพทย์

เมื่อสัมผัสกับผิวหนัง :

ถอดเสื้อผ้าที่ปนเปื้อนออก ขำระล้างผิวหนังด้วยน้ำไหลผ่านปริมาณมากๆ  
รีบนำส่งแพทย์

เมื่อสัมผัสดวงตา :

ล้างตาทันทีด้วยน้ำปริมาณมาก ๆ รีบนำส่งแพทย์

เมื่อกลืนกิน :

ใช้น้ำบ้วนปาก ห้ามให้อาเจียน รีบนำส่งแพทย์

## หัวข้อที่ 5: มาตรการผจญเพลิง

สารดับเพลิงที่เหมาะสม :

เมื่อเพลิงไหม้ไม่ควรใช้น้ำดับไฟโดยตรง ให้ใช้น้ำฉีดเป็นฝอยหรือใช้คาร์บอนไดออกไซด์หรือผงเคมีแห้ง

คาร์บอนไดออกไซด์ใช้พ่นลงไปที่ไฟ

ซัลเฟอร์ไดออกไซด์ที่เป็นก๊าซพิษ

อันตรายที่เกิดจากสารเคมีที่ไหม้ไฟ :

สวมอุปกรณ์คุ้มครองความปลอดภัยที่เหมาะสม

การป้องกันสำหรับเจ้าหน้าที่ดับเพลิง :

HMIS rating:

NFPA :



ความไวไฟ	0
สุขภาพ	4
การเกิดปฏิกิริยาเคมี	1
ข้อมูลพิเศษ	ทำปฏิกิริยาอย่างรุนแรงกับน้ำ

## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล

ข้อระวังส่วนบุคคล :

ห้ามสูดดมไอระเหย ละอองไอ และไม่ควรสัมผัสกับสาร

อุปกรณ์ป้องกันอันตราย :

สวมชุดป้องกันที่ครอบตา หน้ากาก หมวกนิรภัยพร้อมกระบังหน้า ถุงมือ และรองเท้านิรภัยที่ป้องกันกรดซัลฟิวริก

ข้อควรระวังด้านสิ่งแวดล้อม :

กั้นบริเวณเพื่อป้องกันไม่ให้แพร่กระจายสู่ดิน น้ำ หรือสิ่งแวดล้อม



## หัวข้อที่ 6: มาตรการการจัดการเมื่อเกิดเหตุรั่วไหล (ต่อ)

ขั้นตอนปฏิบัติงานฉุกเฉิน :

สวมอุปกรณ์ป้องกันอันตรายที่ทนต่อการกัดกร่อนกรดซัลฟิวริก เมื่อเกิดเหตุฉุกเฉิน และถ้าไม่ทราบความเข้มข้นของสารให้ใช้ SCBA  
ควบคุมหรือจำกัดบริเวณที่สารหกรั่วไหล / กั้นบริเวณเพื่อป้องกันคนไม่ให้ได้รับอันตราย และอพยพคนออกจากบริเวณที่เกิดเหตุไปในทิศทางเหนือลม  
ทำให้เป็นกลางโดยใช้สารเคมีประเภทต่าง เช่น ปูนขาว หินปูน เป็นต้น  
นำไปบำบัดหรือฝังกลบตามกฎหมาย/พื้นฟูสภาพและตรวจติดตามสิ่งแวดล้อม

วิธีการและวัสดุ สำหรับกักเก็บและทำความสะอาด (Cleaning up) :

กักเก็บกรดซัลฟิวริกที่หกรั่วไหล หรือสารเคมีที่บำบัดแล้วในภาชนะที่ปิดมิดชิด และวัสดุของภาชนะทนต่อการกัดกร่อนของกรดซัลฟิวริกหรือสารเคมีที่ได้จากการบำบัดได้

## หัวข้อที่ 7: ข้อปฏิบัติในการใช้และการเก็บรักษา

การใช้งาน :

ให้สวมชุดป้องกัน หน้ากาก แวนตา รองเท้า และถุงมือชนิดที่ทนต่อการกัดกร่อน ของกรดซัลฟิวริกได้

ให้ทำการล้างมือทุกครั้งที่มีการสัมผัสกรดซัลฟิวริก

การจัดเก็บ :

เก็บในบริเวณที่เย็น แห้ง และมีการระบายอากาศเพียงพอ เก็บห่างจากความร้อน ความชื้น และสารที่เข้ากันไม่ได้

เก็บในภาชนะบรรจุที่ปิดมิดชิด ป้องกันการเสียหายทางกายภาพ

## หัวข้อที่ 8: การควบคุมการรับสัมผัสและการป้องกันภัยส่วนบุคคล

ACGIH(TLV)	1 mg/m <sup>3</sup> (TWA), 3mg/m <sup>3</sup> (STEL)
OSHA(PEL)	1 mg/m <sup>3</sup> (TWA)
NIOSH	1 mg/m <sup>3</sup> (TWA), 3mg/m <sup>3</sup> (IDLH)
LD <sub>50</sub>	2,140 mg/kg (oral rat)

## หัวข้อที่ 9: คุณสมบัติทางเคมีและกายภาพ

ลักษณะที่ปรากฏ :	ของเหลว ลักษณะคล้ายน้ำมัน ไม่มีสีจนถึงสีน้ำตาลอ่อน
กลิ่น :	ไม่มีกลิ่น
น้ำหนักโมเลกุล :	98.5
ค่าความเป็นกรด-ด่าง (pH) :	1
จุดหลอมเหลว/จุดเยือกแข็ง :	-35 °C
อุณหภูมิจุดเริ่มเดือดและช่วงอุณหภูมิเดือด :	27°C -340°C
จุดวาบไฟ :	ไม่มีข้อมูล
อุณหภูมิที่สูงติดไฟได้ :	ไม่มีข้อมูล
ขีดจำกัดการระเบิด :	ขีดจำกัดล่าง (LEL)= ไม่มีข้อมูล ขีดจำกัดบน (UEL) =ไม่มีข้อมูล
ความหนาแน่นสัมพัทธ์ :	1.83/27 °C
ความสามารถในการละลาย :	ละลายน้ำได้ดี
ความดันไอ :	0.001 มม.ปรอท ที่อุณหภูมิ 20 °C
แรงดันไอ :	54.53 dynes/cm
ความหนืด :	28 cP ที่อุณหภูมิ 25 °C
สัมประสิทธิ์การแพร่กระจายในน้ำ :	1.97 x 10 <sup>-5</sup> cm <sup>2</sup> /sec



## หัวข้อที่ 10: ความเสถียรและความไวต่อการเกิดปฏิกิริยา

การเกิดปฏิกิริยา :	ไม่มีข้อมูล
ความเสถียรทางเคมี :	มีความเสถียรภายใต้สภาพแวดล้อมปกติ
ความเป็นไปได้ในการเกิดปฏิกิริยาอันตราย :	ไม่เกิดปฏิกิริยา polymerization ที่อันตราย
สถานะที่ควรหลีกเลี่ยง :	หลีกเลี่ยงการสัมผัสกับความร้อน
วัสดุที่เข้ากันไม่ได้ :	ไม่มีข้อมูล
ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย :	Hydrogen Chloride สารประกอบคลอรีน Oxide ของ aluminium

## หัวข้อที่ 11: ข้อมูลด้านพิษวิทยา

ความเป็นพิษเฉียบพลัน:	ไม่มีผลกระทบต่อสุขภาพ ถ้าการใช้งานได้ปฏิบัติตามเอกสารข้อมูล ความปลอดภัยและฉลาก
การกัดกร่อนผิวหนังและการระคายเคือง ผิวหนัง :	อาจเกิดการระคายเคือง การได้รับการสัมผัสซ้ำ อาจทำให้ผิวหนัง
การทำลายดวงตาอย่างรุนแรง/ระคายเคืองดวงตา :	อาจระคายเคืองต่อดวงตา
อาการแพ้ต่อระบบทางเดินหายใจและผิวหนัง :	การหายใจเอาไอ ฝุ่น หรือละอองของสารเข้าไป อาจทำให้เกิดการระคาย เคืองต่อทางเดินหายใจ
การก่อให้เกิดการกลายพันธุ์ของเซลล์สืบพันธุ์ :	ไม่มีข้อมูล
การก่อมะเร็ง :	ไม่อยู่ในบัญชีสารก่อมะเร็งของ NTP, IARC หรือ OSHA
ความเป็นพิษต่อระบบสืบพันธุ์ :	ไม่มีข้อมูล
ความเป็นพิษต่ออวัยวะเป้าหมาย-จากการสัมผัสครั้งเดียว :	ไม่มีข้อมูล
ความเป็นพิษต่ออวัยวะเป้าหมาย-จากการรับสัมผัสซ้ำ :	ไม่มีข้อมูล
ความเป็นอันตรายจากการสำลัก :	ไม่มีข้อมูล

## หัวข้อที่ 12: ข้อมูลเชิงนิเวศน์

ความเป็นพิษต่อระบบนิเวศ :	หลีกเลี่ยงการปนเปื้อนทางเดินน้ำ
ความคงอยู่นานและความสามารถในการย่อยสลายทาง	ไม่ย่อยสลายทางชีวภาพ
ศักยภาพและการสะสมทางชีวภาพ :	ไม่มีข้อมูล
การเคลื่อนย้ายในดิน :	ไม่มีข้อมูล
ผลกระทบในทางเสียหายนอื่น ๆ:	ไม่ทิ้งหรือปล่อยให้ไหลลงสู่ท่อระบายน้ำ

## หัวข้อที่ 13: มาตรการการกำจัด

วิธีการกำจัด :	ติดต่อขอคำแนะนำและรายละเอียดจากหน่วยงานที่ได้รับการรับรองแล้ว ปฏิบัติตามกฎหมายและข้อกำหนดของรัฐ รัฐบาลและท้องถิ่น
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## หัวข้อที่ 14: ข้อมูลสำหรับการขนส่ง

ไม่ได้ถูกจำแนกให้เป็นสินค้าอันตราย ภายใต้ ADG Code, IMDG Code และ IATA สำหรับการขนส่งทางถนน ทางรถไฟ ทางทะเล และทางอากาศ

หมายเลข UN Number :	2967 (SULPHAMIC ACID)
ชื่อที่ถูกต้องในการขนส่ง :	ไม่มีข้อมูล
ประเภทความเป็นอันตรายสำหรับการขนส่ง :	ไม่มีความเกี่ยวข้อง
กลุ่มบรรจุภัณฑ์ :	ไม่มีความเกี่ยวข้อง
มลภาวะทางทะเล :	ไม่มีมลภาวะทางทะเล
การขนส่งด้วยภาชนะขนาดใหญ่ ตาม Annex II MARPOL 73/78 and the IBC Code	ไม่มีความเกี่ยวข้อง
ข้อควรระวังพิเศษ :	ไม่มีความเกี่ยวข้อง



#### หัวข้อที่ 15: ข้อมูลเกี่ยวกับกฎข้อบังคับ

ตามข้อมูลที่มีอยู่ สารเคมีนี้ไม่ได้ถูกจำแนกให้เป็นวัตถุอันตราย

#### หัวข้อที่ 16: ข้อมูลอื่น

จัดทำโดย :

ฝ่ายเคมี การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

เริ่มใช้เมื่อ :

2 มิถุนายน 2563



ADITYA BIRLA

# Safety Data Sheet

## SODIUM HYDROXIDE 50%

Update: 29<sup>th</sup> January 2022

### 1. Identification

#### Product Identifiers

Product name:

SODIUM HYDROXIDE 50%

Indication in other

CAS#:1310-73-2

EC/EINECS: 215-185-5

RTECS#: 011-002-00-6

UN#: 1824

EC Annex 1 Index #: 011-002-00-6

#### Manufacturer Info:

Aditya Birla Chemicals (Thailand) Co., Ltd (Chlor Alkali Division)

3 Soi G-2, Prakomsongkroed Rd, Tambol HuayPong Amphur Muang Rayong, Rayong 21150

- Tel. +66-3868-7356-9
- Fax +66-3868-5074
- Emergency contact number: +66-3868-7354 (Thailand)

### 2. Hazards Identification

#### GHS Classification of the substance or mixture

Acute toxicity (Oral)	Category 4
Acute toxicity (Dermal)	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity - single exposure (respiratory system )	Category 3
Hazardous to the aquatic environment (aquatic acute)	Category 3

#### Label elements



Signal word DANGER

#### Hazard statement(s)

- H302 harmful if swallowed
- H312 harmful in contact with skin
- H314 Causes severe skin burns and eye damage
- H318 Causes serious eye damage
- H335 May cause respiratory irritation
- H402 Harmful to aquatic life.

#### Precautionary statement(s)

- Wear protective gloves, respiratory and eye protection/face protection.
- P404+P233 Store in well-ventilated place. Keep container tightly closed.
- P273 Avoid release to the environment.
- P363 Wash contaminated clothing before reuse
- P305+P351 If in eyes, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
- P331 Do not induce vomiting
- P302+P361+P353 If on skin, Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Other hazards which do not result in classification – none

### 3. Composition/Information on Ingredients

#### Substances

Formula:

NaOH 50%

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# Safety Data Sheet SODIUM HYDROXIDE 50%

Update: 20<sup>th</sup> January 2022

Molecular Weight: 40 g/mol

Component	CAS No	Wt. %
Sodium Hydroxide	1310-73-2	50
Water	7732-18-5	50

## 4. First Aid Measures

<b>Inhalation</b>	Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Skin contact</b>	Take off clothing and Wash plenty of water for at least 20 minutes. Get medical attention immediately.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, keeping eyelids open.
<b>Ingestion</b>	Gargle, Don't vomit. Get medical attention immediately.

## Most important symptoms and effects, both acute and delayed:

**If inhaled** : Cause severe irritation of mucous membranes of the nose throat, coughing and feeling of suffocation.

**Skin contact:** Cause serious burns, blistering and tissue destruction

**Eye contact:** Cause severe eye damage. Symptoms may include stinging, tearing, redness. Direct contact of the eyes will produce serious eye burns even blindness.

**If swallowed** : Ingestion of liquid sodium hydroxide may result in severe irritation or ulceration of the mouth, throat and digestive tract which may be displayed by nausea, pain, vomiting, and in severe cases, collapse, shock and death.

**Indication of any immediate medical attention and special treatment needed:** Health Monitoring, chest x-ray, vision.

## 5. Fire Fighting Measures

### Suitable extinguishing media

Use extinguishing agent suitable for type of surrounding fire.

### Unsuitable extinguishing media

None

### Special protective equipment and precautions for fire-fighters

Wear full chemical resistant clothing with self-contained breathing apparatus for firefighting Use water to keep fire-exposed containers cool and continue until well after fire is out. If it is necessary to stop the flow of gas, use water spray to direct escaping gas away from men effecting the shut-off.

## 6. Accidental Release Measure

### Personal precautions

- In event of leak or spill, keep upwind
- Evacuate personnel to safe areas.
- Avoid inhalation of vapors, gas
- Ensure adequate ventilation.
- Don't touch the substance.

### Protective equipment

Wear face shield. Wear impervious protective clothing, including boots, gloves.

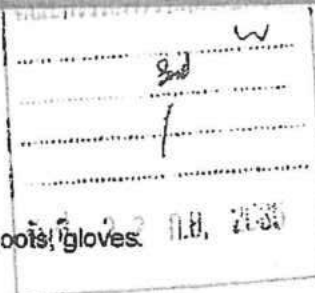
### Environmental precautions

Do NOT let this chemical enter the environment.

### Methods and materials for containment and cleaning up

Wear chemical protection suit

Use appropriate cleaning agent





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## Safety Data Sheet SODIUM HYDROXIDE 50%

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### 7. Handling and Storage

#### Precautions for safe handling

- Avoid contact with skin and eyes.
- Provide adequate ventilation during use.

#### Conditions for safe storage, including any Incompatibilities

- Store in corrosion proof storage

### 8. Exposure Controls/Personal Protection

#### Control parameters

IDLH	10 mg/m <sup>3</sup>	(NIOSH 2012)
REL - C	2mg/m <sup>3</sup> (5 min)	(NIOSH 2012)
PEL - TWA	2mg/m <sup>3</sup>	(OSHA 2012)
TLV - C	2mg/m <sup>3</sup>	(ACGIH 2012)

#### Appropriate engineering controls

- Ensure ventilation is adequate.

#### Personal protective equipment:

Hand Protection (Gloves for chemical protection)	Respiratory Protection (Toxic gas masks)	Eye Protection (Chemical protective goggles)
Body Protection (Chemical suit)	Face Protection (Face Shield)	

#### Work / Hygienic Practices:

- Wash contaminated clothing prior to reuse.
- Always wash hands before smoking, eating, drinking or using the toilet.
- Do not eat, drink, or smoke during work

### 9. Physical and Chemical Properties

1.) Appearance	Clear liquid, No color
2.) Odor	Not Applicable
3.) Odor Threshold	Data unavailable
4.) pH	>14
5.) Melting point/freezing point	10 °C
6.) Boiling point	143°C
7.) Flash point	Not Applicable
8.) Evaporation rate	Data unavailable
9.) Flammability (solid, gas)	Data unavailable
10.) Upper/lower flammability or explosive limits	Data unavailable
11.) Vapour pressure	1 mmHg (1.2 k Pa)@20°C
12.) Vapour density (Air =1)	1.2-1.5



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## SODIUM HYDROXIDE 50%

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13.) Relative density	1.529 (15°C)
14.) Water solubility	Soluble
15.) Partition coefficient: n-octanol/water log Pow	Data unavailable
16.) Auto ignition temperature	Not Applicable
17.) Decomposition temperature	Data unavailable
18.) Viscosity	79 cP @ 20°C

### 10. Stability and Reactivity

#### Reactivity

- Reacts with strong acid (Hydrochloric, Sulfuric and Nitric acid).
- Reacts with metal cause hydrogen combustible and explosion.
- Reacts with Ammonium salts cause Ammonia.
- Reacts Sodium Hydrochloride cause Chlorine gas

**Chemical stability** Stable under normal ambient handling conditions.

**Possibility of hazardous reactions** Hazardous polymerization will not occur.

**Conditions to avoid** Moisture

#### Incompatible materials

Oxidising Agent, organic substance and metals.

#### Hazardous decomposition products

No data available

### 11. Toxicological Information

**Inhalation** : Irritation of respiratory tract, Cough, Dry/Sore throat, Shortness of breath, Wheezing and Labored breathing.

**Skin contact:** Redness, Burning sensation, Skin burns.

**Eye contact:** Causes watering of the eyes, Redness, Pain, and Burns.

**Ingestion:** Burns the gastric/intestinal mucosa, vomit, diarrhea and shock

#### Immediate effects

- Corrosive to the eyes, the skin and the respiratory tract.
- Corrosive on ingestion, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, feeling of suffocation.

#### Numerical measures of toxicity

##### Acute toxicity

LD<sub>50</sub> Dermal - rat 1,350 ppm

### 12. Ecological Information

#### Eco toxicity

**Fish** : Oncorhynchus mykiss (rainbow trout) LC<sub>50</sub>

**Crustacea:** Daphnia magna EC<sub>50</sub> :

#### Persistence and degradability

#### Bio-accumulative potential

#### Mobility in soil

#### Other adverse effects

45.4 mg/l - 96 h

40.38 mg/l - 48 h

Rapid degradability

not bio-accumulative

No data available

No data available

No data available

No data available

No data available

No data available



### 13. Disposal Considerations

#### Waste treatment methods



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## Safety Data Sheet SODIUM HYDROXIDE 50%

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Waste treatment should be managed in an appropriate and approved waste facility. Dispose of all contained and contaminated spill residue in accordance with local/regional/national/international regulations.

**Contaminated packaging**

Dispose of as unused product

**14. Transport Information**

<b>UN number</b>	1824
<b>UN proper shipping name</b>	SODIUM HYDROXIDE
<b>Transport hazard class (es)</b>	8
<b>Packaging group</b>	II
<b>ADR</b>	
• UN Number:	1824
• UN Proper Shipping Name:	SODIUM HYDROXIDE
• Transport Hazard Class (es)	
o Class:	8
• Packing Group:	II
• Environmental hazards:	no
• Special precautions for user:	No data available

**RID**

• UN Number:	1824
• UN Proper Shipping Name	SODIUM HYDROXIDE
• Transport Hazard Class (es)	
o Class:	8
• Packing Group:	II
• Environmental hazards:	no
• Special precautions for user:	No data available

**IMDG**

• UN Number:	1824
• UN Proper Shipping Name:	SODIUM HYDROXIDE
• Transport Hazard Class (es)	
o Class:	8
o EmS No.:	F-A,S-B
• Packing Group:	II

**IATA**

• UN Number:	1824
• Proper Shipping Name:	Sodium hydroxide
• Transport Hazard Class (es):	
o Class:	8
• Packing Group:	II
• Transport in bulk IBC Code:	IBC02

**15. Regulatory Information****Thailand Regulations:**

- Hazardous substances: List 2.1 type 1
- Hazardous Substances: (Ministry of Labor)
- Quantities of dangerous concentrations of chemicals (Ministry of Labor)

**International Laws and Regulations:**

CLP: Annex VI (CLP Regulation)





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## Safety Data Sheet SODIUM HYDROXIDE 50%



Update: 29<sup>th</sup> January 2022

NFPA: 704



GHS:



### 16. Other Information

1. The National Institute for Occupational Safety and Health(NIOSH):NIOSH Pocket Guide to Chemical Hazards<http://www.cdc.gov/niosh/npg/npgdcas.html>
2. United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG)
3. European chemical Substances Information System (ECB): ESIS, Annex VI  
<http://ecb.jrc.ec.europa.eu/esis/>  
<http://ecb.jrc.ec.europa.eu/classification-labelling/clp/ghs/search.php>
4. International Programme on Chemical Safety (IPCS): Chemical Safety Information from Intergovernmental Organizations (INCHEM) <http://www.inchem.org/>
5. United States National Library of Medicine: ChemIDplus Lite (ID PLUS)  
<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM>
6. New Jersey Department of Health (DOH)  
<http://web.doh.state.nj.us/rtkhsfs/qsearch.aspx>
7. International Uniform Chemical Information Database (IUCRID)  
<http://ecb.jrc.ec.europa.eu/esis/index.php?PGM=dat>
8. Hazardous Substances Data Bank (HSDB)  
<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>
9. NTP Study Reports Abstract for TR-392-Chlorinated Water (CAS Nos. 7782-50-5 and 7681-52-9)  
National Toxicology Program, Department of Health and Human Services, 1992  
<http://ntp.niehs.nih.gov/>
10. CRC Handbook of Chemistry and Physics 91st edition 2010-2011



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ADITYA BIRLA CHEMICALS (THAILAND) LTD. (CHLOR ALKALI DIVISION)  
Eastern Industrial Estate (Bang-Pu-Phut) 3 Sol G-2, Penhasongkro Road, Bang, Tambon Hinayong,  
Amphur Sotang, Rayong, Rayong - 21150, Thailand Tel: (6638) 67355-8, 685753-4



**CERTIFICATE OF ANALYSIS**  
**PRODUCT : SODIUM HYDROXIDE SOLUTION**

CUSTOMER		LABORATORY	
ชื่อผู้รับบริการ (Client) :	PRODUCTION	วันที่รับตัวอย่าง (Date):	05/09/2022
ที่อยู่ผู้รับบริการ (Address) :	ABCT	เวลาที่รับตัวอย่าง (Time):	08.00
หมายเลขโทรศัพท์ (Telephone) :	(014) 67356-9	วันที่ทดสอบ (Tested Date):	05/09/2022
จุดเก็บตัวอย่าง (Sampling point):	TANKFARM	วันที่ออกใบรายงานผล (Report Date):	05/09/2022
ผู้เก็บตัวอย่าง (Sampling by) :	TANKFARM OPERATOR	เลขที่ใบรายงานผล (Certificate No.):	290/22
	IN 500 ml. PLASTIC BOTTLE	จำนวนใบ (Page):	1
ถังตัวอย่าง (Tank No.):	1803B	สภาพตัวอย่างเมื่อรับ (Appearance):	CLEAR LIQUID
เบ้าที่วิเคราะห์ (Sample No.):	31/09		

S.NO.	Characteristics	Unit	Specification	Test method	Result
*1	SPECIFIC GRAVITY AT 30°C	-	1.514-1.523	WIM/CAU/PROD/001/A	1.517
2	SODIUM HYDROXIDE (NaOH)	% BY WT	49.50-50.50	TIS 150-2562 class 7.3	50.04
*3	SODIUM CHLORIDE (NaCl)	% BY WT	MAX 0.03	WIM/CAU/PROD/001/B	0.0016
*4	SODIUM CARBONATE (Na <sub>2</sub> CO <sub>3</sub> )	% BY WT	MAX 0.20	TIS 150-2562 WIM/CAU/PROD/001/B	0.005
*5	SODIUM CHLORATE (NaClO <sub>3</sub> )	PPM	MAX 100	TIS 150-2562 WIM/CAU/PROD/001/D	30
*6	IRON (Fe)	% BY WT	MAX 0.001	ASTM E291-15 WIM/CAU/PROD/001/G	0.00020
*7	PERRIC OXIDE (Fe <sub>2</sub> O <sub>3</sub> )	% BY WT	MAX 0.002	ASTM E291-15 WIM/CAU/PROD/001/G	0.00023
*8	HEAVY METALS	mg/kg	MAX 5.0	ICP (WIM/CAU/PROD/001/L)	1.24
*9	ARSENIC (As)	mg/kg	MAX 0.5	ICP (WIM/CAU/PROD/001/L)	<0.001
*10	MERCURY (Hg)	mg/kg	MAX 0.05	ICP (WIM/CAU/PROD/001/L)	<0.001
*11	LEAD (Pb)	mg/kg	MAX 0.5	ICP (WIM/CAU/PROD/001/L)	<0.001

☒ ON SPEC

☐ OFF SPEC

Manufacturing Date : 05/09/2022

Expiry Date : 05/09/2023

Verified by

Approved by

SAMAIPOORN K.

BAMORN P.

( SAMAIPOORN K. )

( BAMORN P. )

Anal. Chief chemist/Supervisor/Senior chemist/Chemist

Manager/Asst. Chief chemist/Supervisor/Senior chemist/Chemist

Remark : 1. Reported test result refer to submitted sample only.

2. This report shall not be reproduced except in full with our prior approval of laboratory.

3. The reported results meet the specification after include the uncertainty

4. \* This is not covered under the scope of ISO/IEC 17025

FORM 11-110-023/01/01/01/01/01



LOT NO : 31/09  
MFG : 05/09/22  
EXP : 05/09/23

NISON INTER CO., LTD.

photon



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## เอกสารข้อมูลความปลอดภัย โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งสุดท้าย วันที่ : 26 มกราคม 2565

### 1. ข้อมูลเกี่ยวกับสารเคมีและบริษัทผู้ผลิต

#### ตัวป่งมีผลิตภัณฑ์

ชื่อผลิตภัณฑ์ : โซดาไฟ, SODIUM HYDROXIDE 50% /

การป่งมีตัวป่งอื่น ๆ : CAS# 1310-73-2 EC/EINECS: 215-185-5 RTECS# 011-002-00-6

UN/#: 1824 EC Index #: 011-002-00-6

ข้อแนะนำในการใช้สารเคมีและข้อห้ามต่างๆในการใช้ : เป็นต่างแก่

#### รายละเอียดผู้ผลิต :

บริษัท อติดา เบอรัล เคมีคัลส์ (ประเทศไทย) จำกัด (คลอ อัสคาลี ดีวีซี) /

เลขที่ 3 ซ. จี-2 ถนนส่งเสริมเกษตรราษฎร์ ตำบล ห้วยโป่ง อำเภอเมืองระยอง จังหวัดระยอง 21150

- โทรศัพท์ : +66-3868-7358-9
- โทรสาร : +66-3868-5074
- หมายเลขติดต่อฉุกเฉิน : +66-3868-7354 (ประเทศไทย)

### 2. การป่งชี้ความเป็นอันตราย

#### การจำแนกประเภทสารเคมีหรือสารผสมตามระบบ GHS

ความเป็นพิษเฉียบพลัน (ทางปาก)	ประเภทย่อย 4
ความเป็นพิษเฉียบพลัน (ทางผิวหนัง)	ประเภทย่อย 4
การกัดกร่อน/การระคายเคืองต่อผิวหนัง	ประเภทย่อย 1
การทำลายดวงตาอย่างรุนแรง/การระคายเคืองต่อดวงตา	ประเภทย่อย 1
ความเป็นพิษต่อระบบหรืออวัยวะเป้าหมายเฉพาะจะจากการรับสัมผัสครั้งเดียว	
ระบบทางเดินหายใจ	ประเภทย่อย 3
ความเป็นอันตรายเฉียบพลันต่อสิ่งแวดล้อมในน้ำ	ประเภทย่อย 3

#### องค์ประกอบของฉลาก:



#### คำสัญญาอันตราย

#### ข้อความแสดงความเป็นอันตราย

H302 harmful if swallowed  
 H312 harmful if contact with skin  
 H314 เป็นอันตรายเมื่อสัมผัสผิวหนัง  
 H318 ทำให้ผิวหนังไหม้อย่างรุนแรงและทำลายดวงตา  
 H335 ทำอันตรายต่อระบบทางเดินหายใจ  
 H402 Harmful to aquatic life



หน้า 1 / 8



อติดา



ADITYA BIRLA



## เอกสารข้อมูลความปลอดภัย โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 28 มกราคม 2555

•

- H401 เป็นอันตรายต่อสิ่งมีชีวิตในน้ำ

### ข้อควรระวัง

- สวมถุงมือป้องกัน/ชุดป้องกัน/อุปกรณ์ป้องกันดวงตา/อุปกรณ์ป้องกันหน้า
- P404+P233 จัดเก็บในที่ที่มีการระบายอากาศได้ดีปิดภาชนะบรรจุให้แน่น จัดเก็บในสถานที่ที่ปิดล็อกได้
- P273 หลีกเลี่ยงการรั่วไหลสู่สิ่งแวดล้อม
- P363 แยกเสื้อผ้าที่เปื้อนออกจากเสื้อผ้าที่สะอาดก่อนนำกลับมาใช้ใหม่
- P305+P351 หากเข้าตา ล้างด้วยน้ำนาน 20 นาที ให้ถอดคอนแทคเลนส์ออก
- P331 ถ้ากลืนกิน ให้ล้างปาก ห้ามทำให้อาเจียน
- P302+P361+P353 ถ้าสัมผัสผิวหนังถอดเสื้อผ้าที่เปื้อนทั้งหมดออกทันที ล้างด้วยน้ำปริมาณมากนาน 20 นาที

ความเป็นอันตรายอื่นที่ไม่ได้ผลในการจำแนกประเภท : ไม่มีข้อมูล

### 3. องค์ประกอบและข้อมูลเกี่ยวกับส่วนผสม

#### เอกลักษณ์ของสารเคมี :

ชื่อทางเคมี : Sodium Hydroxide  
 ชื่อสามัญ : Sodium Hydroxide  
 ชื่อพ้อง : Caustic soda  
 สูตรโมเลกุล : NaOH  
 มวลโมเลกุล : 40 กรัม/โมล

#### ข้อมูลเกี่ยวกับส่วนผสม :

สาร	หมายเลข CAS	ความเข้มข้น
โซเดียมไฮดรอกไซด์	1310-73-2	50%
น้ำ	7732-18-5	50%

สิ่งเจือปนและสารปรุงแต่งให้เสถียร : ไม่มี

### 4. มาตรการปฐมพยาบาล

#### วิธีการปฐมพยาบาล

การหายใจเข้าไป

หากหายใจเอาละอองสารเข้าสู่ร่างกาย ให้ย้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์หากหายใจไม่สะดวกให้ใช้  
 อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที

การสัมผัสทางผิวหนัง

ถอดเสื้อผ้าที่เปื้อนออกทันทีล้างออกด้วยน้ำปริมาณมาก อย่างน้อย 20 นาที

การสัมผัสทางดวงตา

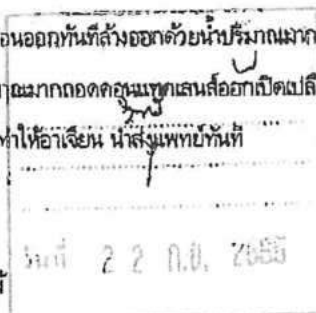
ล้างด้วยน้ำปริมาณมากถอดคอนแทคเลนส์ออกเปิดเปลือกตาให้กว้างให้น้ำไหลผ่าน

การกลืนกิน

บ้วนปาก ห้ามทำให้อาเจียน นำส่งแพทย์ทันที

#### อาการ/ผลกระทบที่สำคัญ:

- การหายใจ : ไอแสบคอ หายใจถี่
- ผิวหนัง : ผิวหนังแดง แผลพุพอง ผิวหนังไหม้



หน้า 2 / 8



ช.อ.อ.อ.







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## เอกสารข้อมูลความปลอดภัย โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 28 มกราคม 2565

IDLH:	10	mg/m <sup>3</sup>	(NIOSH 2012)
REL-C:	2	mg/m <sup>3</sup> (15 นาที)	(NIOSH 2012)
PEL-TWA:	2	mg/m <sup>3</sup>	(OSHA 2012)
TLV-C:	2	mg/m <sup>3</sup>	(ACGIH 2012)

การควบคุมทางวิศวกรรมที่เหมาะสม :

- จัดให้มีระบบระบายอากาศที่เพียงพอ

อุปกรณ์ป้องกันส่วนบุคคล :

การป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี)	หน้ากากป้องกันไอสารเคมี เมื่อต้องปฏิบัติงานกับโซดาไฟที่มีอุณหภูมิสูง (สารนี้จะระเหยให้อิโอดีที่มีความเป็นด่าง)	แว่นตาป้องกัน หรือแว่นครอบตา
การป้องกันตัว (ชุดกันสารเคมี)	การป้องกันหน้า (กระบังหน้า)	

ข้อควรปฏิบัติ:

- เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี
- ล้างมือและหน้าหลังจากการทำงานกับสาร
- ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน

9. คุณสมบัติทางกายภาพและทางเคมี	
1.) ลักษณะทั่วไป	ของเหลวใส ไม่มีสี
2.) กลิ่น	ไม่มีกลิ่น
3.) ระดับค่าจำกัดของกลิ่น	ไม่มีข้อมูล
4.) ค่าความเป็นกรดด่าง	มากกว่า 14
5.) จุดหลอมเหลว/จุดเยือกแข็ง	10°C
6.) จุดเดือดเริ่มต้นและช่วงของการเดือด	143°C
7.) จุดวาบไฟ	ไม่ติดไฟ
8.) อัตราการระเหย	ไม่มีข้อมูล
9.) ความสามารถในการลุกติดไฟได้	ไม่มีข้อมูล
10.) ค่าขีดจำกัดสูงสุดและค่าสุดของความเสี่ยง หรือค่าขีดจำกัดสูงสุดและค่าสุดของการระเบิด(% , v/v) ซึ่งถ้า : ไม่มีข้อมูลขีดบน : ไม่มีข้อมูล	
11.) ความดันไอ	1.1 mmHg (1.2 hPa) ที่อุณหภูมิ 20 °C





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เอกสารข้อมูลความปลอดภัย  
โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 28 มกราคม 2555

12.) ความหนาแน่นไอ (อากาศ = 1)	1.2-1.5
13.) ความหนาแน่นสัมพัทธ์ (น้ำ = 1)	1.529 ที่อุณหภูมิ 15°C
14.) ความสามารถในการละลายได้	ละลายน้ำได้ดี
15.) ค่าสัมประสิทธิ์การละลายของสารในชั้นของ octanol/น้ำ (Log K <sub>ow</sub> )	ไม่มีข้อมูล
16.) อุณหภูมิที่จุดติดไฟได้เอง	ไม่ติดไฟ
17.) อุณหภูมิของการสลายตัว	ไม่มีข้อมูล
18.) ความหนืด	79 cP ที่อุณหภูมิ 20°C

## 10. ความเสถียรและความไวต่อปฏิกิริยา

## การเกิดปฏิกิริยา:

- ทำปฏิกิริยากับกรดแก่ (Hydrochloric, Sulfuric, Nitric) ทำปฏิกิริยากับโลหะ (Aluminum, Lead, Tin, Zinc) ทำให้เกิดก๊าซไฮโดรเจนที่ไวไฟ และระเบิดได้ทำปฏิกิริยากับ Ammonium salts ทำให้เกิด Ammonia ซึ่งทำให้เกิดอันตรายจากเพลิงไหม้ ทำปฏิกิริยากับสารโซเดียมไฮโปคลอไรต์เกิดก๊าซคลอรีนซึ่งเป็นพิษ

## ความเสถียรทางเคมี :

- เสถียรภายใต้อุณหภูมิปกติ

วัสดุที่เข้ากันได้ : สารไดออกไซด์อย่างแรง สารออกไซด์ โลหะ

ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย : ไม่มีข้อมูล

## 11. ข้อมูลด้านพิษวิทยา

## ค่าประมาณการความเป็นพิษเฉียบพลัน :

LD<sub>50</sub> (Dermal, Rat): 1,350 มิลลิกรัม/ กิโลกรัม

## ข้อมูลเพิ่มเติมทางพิษวิทยา :

การหายใจเข้าไป	ระคายเคืองจมูก คอ และปอดทำให้ไอ แสบคอ หายใจถี่ หายใจลำบาก
การสัมผัสทางผิวหนัง	กัดกร่อนผิวหนัง ผิวหนังเป็นผื่นแดง ผิวหนังไหม้
การสัมผัสทางดวงตา	กัดกร่อนดวงตา ตามแดงตามัว ตาไหม้ และตาบอดได้
การกลืนกิน	แสบคอและหน้าอก ปวดท้องท้องร่วงคลื่นไส้อาเจียน อ่อนเพลีย ช็อกหรือหมดสติ หรือเสียชีวิต
อาการที่ปรากฏ	รู้สึกแสบร้อนไอหายใจมีเสียงหลอดลมตอมนอนอึกแสบหายใจถี่ ปวดหัวคลื่นไส้และอาเจียน
ผลกระทบเฉียบพลัน	กัดกร่อนผิวหนัง ดวงตาและทางเดินหายใจ กัดกร่อนเนื้อเยื่อผิวหนัง ทำให้ปวดแสบ หายใจลำบาก
ผลกระทบเรื้อรัง	ทำให้ผิวหนังอักเสบ ทำให้หลอดลมอักเสบ ทำลายปอดอย่างถาวร

## 12. ข้อมูลด้านนิเวศวิทยา

## ความเป็นพิษต่อระบบนิเวศ :

ความเป็นพิษต่อปลา *Oncorhynchus mykiss* LC<sub>50</sub>: 45.4 มิลลิกรัม/ ลิตร/96 ชั่วโมงความเป็นพิษต่อ Crustacea *Daphnia magna* EC<sub>50</sub>: 40.38 มิลลิกรัม/ ลิตร/48 ชั่วโมง 22 JUL 2005

## การตกค้างยาวนานและความสามารถในการย่อยสลายทางชีวภาพ :

ถูกสะเทินได้ในสภาวะที่เป็นกรดจากกระบวนการย่อยสลายทางชีวภาพ





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## เอกสารข้อมูลความปลอดภัย โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งสุดท้าย วันที่ : 28 มกราคม 2555

ศักยภาพในการสะสมทางชีวภาพ: ไม่สะสมทางชีวภาพ

การเคลื่อนย้ายในดิน : ไม่มีข้อมูล

ผลกระทบในทางเฉื่อยหายอื่นๆ : ไม่มีข้อมูล

## 13. ข้อพิจารณาในการกำจัด

การจัดการ : ให้ปฏิบัติตามกฎหมาย เพื่อให้มีผลกระทบต่อสิ่งแวดล้อมน้อยที่สุด

บรรจุภัณฑ์ : ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป

## 14. ข้อมูลเกี่ยวกับการขนส่ง

หมายเลขสหประชาชาติ (UN number): 1824  
 ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : SODIUM HYDROXIDE, SOLUTION  
 ประเภทความเป็นอันตรายสำหรับการขนส่ง : 8  
 กลุ่มการบรรจุ (ถ้ามี): II

## ADR

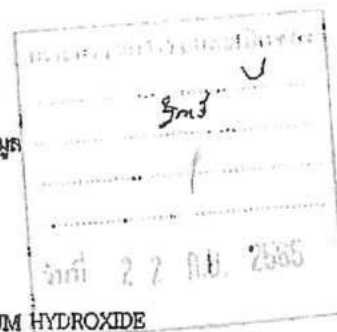
- หมายเลขสหประชาชาติ (UN number): 1824
- ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : SODIUM HYDROXIDE
- ประเภทความเป็นอันตรายสำหรับการขนส่ง :
  - ประเภท: 8
- กลุ่มการบรรจุ (ถ้ามี): II
- ความเป็นอันตรายต่อสิ่งแวดล้อม: no
- ข้อควรระวังพิเศษ : ไม่มีข้อมูล

## RID

- หมายเลขสหประชาชาติ (UN number): 1824
- ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : SODIUM HYDROXIDE
- ประเภทความเป็นอันตรายสำหรับการขนส่ง :
  - ประเภท: 8
- กลุ่มการบรรจุ (ถ้ามี): II
- ความเป็นอันตรายต่อสิ่งแวดล้อม: no
- ข้อควรระวังพิเศษ : ไม่มีข้อมูล

## IMDG

- หมายเลขสหประชาชาติ (UN number): 1824
- ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : SODIUM HYDROXIDE
- ประเภทความเป็นอันตรายสำหรับการขนส่ง :





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เอกสารข้อมูลความปลอดภัย  
โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 28 มกราคม 2565

- ประเภท: 8
- EmS No.: F-A,S-B
- กลุ่มการบรรจุ (ถ้ามี): II
- IATA
  - หมายเลขสหประชาชาติ (UN number): 1824
  - ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : Sodium hydroxide
  - ประเภทความเป็นอันตรายสำหรับการขนส่ง :
    - ประเภท: 8
  - กลุ่มการบรรจุ (ถ้ามี): II
  - การขนส่งด้วยภาชนะขนาดใหญ่: IBC Code: IBC02

15. ข้อมูลเกี่ยวกับกฎข้อบังคับ

กฎหมาย/ข้อบังคับของประเทศไทย

- วัตถุอันตราย: บัญชี 2.1 และ ชนิดที่ 4 ของวัตถุอันตราย
- สารอันตราย (กรมแรงงาน)
- ความเข้มข้นสารอันตราย (กรมแรงงาน)

กฎหมาย/ข้อบังคับของนานาชาติ

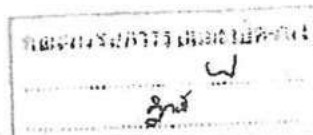
- CLP: สารเคมีอันตรายที่ระบุใน Annex VI

การติดฉลาก

- NFPA:704



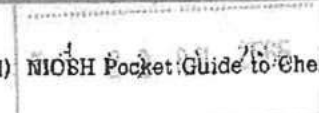
- GHS:



16. ข้อมูลอื่น ๆ

แหล่งข้อมูลและเอกสารที่ใช้ทำเอกสารข้อมูลความปลอดภัย :

1. The National Institute for Occupational Safety and Health (NIOSH) NIOSH Pocket Guide to Chemical Hazards <http://www.cdc.gov/niosh/npg/npgdcas.html>
2. United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG)
3. European chemical Substances Information System (ECB): ESIS, Annex VI



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เอกสารข้อมูลความปลอดภัย  
โซเดียมไฮดรอกไซด์ 50 %



ปรับปรุงครั้งล่าสุด วันที่ : 26 มกราคม 2555

<http://ecb.jrc.ec.europa.eu/esis/>

<http://ecb.jrc.ec.europa.eu/classification-labelling/clp/ghs/search.php>

4. International Programme on Chemical Safety (IPCS): Chemical Safety Information from Intergovernmental Organizations (INCHEM) <http://www.inchem.org/>

5. United States National Library of Medicine: ChemIDplus Lite (ID PLUS)

<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM>

6. New Jersey Department of Health (DOH)

<http://web.doh.state.nj.us/risk/sfs/qsearch.aspx>

7. International Uniform Chemical Information Database (IUCLID)

<http://ecb.jrc.ec.europa.eu/esis/index.php?PGM=dat>

8. Hazardous Substances Data Bank (HSDB)

<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>

9. NTP Study Reports Abstract for TR-392-Chlorinated Water (CAS Nos. 7782-50-5 and 7681-52-9)

National Toxicology Program, Department of Health and Human Services, 1992

<http://ntp.niehs.nih.gov/>

10. CRC Handbook of Chemistry and Physics 91st edition 2010-2011







# CHEMEX INDUSTRY CO.,LTD

## SAFETY DATA SHEET

### HYDROCHLORIC ACID 35%

#### **1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** HYDROCHLORIC ACID 35 %

**Manufacturer / Supplier Identification**

**Company :** CHEMEX INDUSTRY CO.,LTD.

**Plant :** 85 Moo 1 Rama 2 Rd.,Bangthorad,Maug,Samutsakorn 74000 Thailand.

Tel : (6634)-432692-3 Fax : (6634)-432694

**Head Office :** 239 Sirintorn Rd.,Bangbamru Bangplud,Bangkok 10700

Tel: (662)-881-9150-5 Fax : (662)-881-9152,(662)-881-9154

#### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

CAS NO. : 7647-01-0

BASE CHEMICAL NAME : HYDROCHLORIC ACID

CHEMICAL FORMULA : HCl

SYNONYMS : MURIATIC ACID; HYDROGEN CHLORIDE, AQUEOUS

MOLECULAR WEIGHT : 36.46

Composition	CAS Number	%by weight
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Hydrochloric Acid	7647-01-0	35
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Water	7732-18-5	65
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# CHEMEX INDUSTRY CO.,LTD

### **3. HAZARDS IDENTIFICATION**

POISON! DANGER! CORROSIVE. LIQUID AND MIST CAUSE SEVERE BURNS TO ALL BODY TISSUE. MAY BE FATAL IF SWALLOWED OR INHALED. INHALATION MAY CAUSE LUNG DAMAGE.

Health Rating: 3 - Severe (Poison)

Flammability Rating: 0 - None

Reactivity Rating: 2 - Moderate

Contact Rating: 3 - Severe (Corrosive)

Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES

Storage Color Code: White (Corrosive)

#### **Potential Health Effects**

##### **Inhalation:**

Corrosive! Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death.

##### **Ingestion:**

Corrosive! Swallowing hydrochloric acid can cause immediate pain and burns of the mouth, throat, esophagus and gastrointestinal tract. May cause nausea, vomiting, and diarrhea. Swallowing may be fatal.

##### **Skin Contact:**

Corrosive! Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and discolor skin.

##### **Eye Contact:**

Corrosive! Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.

##### **Chronic Exposure:**

Long-term exposure to concentrated vapors may cause erosion of teeth. Long term exposures seldom occur due to the corrosive properties of the acid.

##### **Aggravation of Pre-existing Conditions:**

Persons with pre-existing skin disorders or eye disease may be more susceptible to the effects of this substance.





# CHEMEX INDUSTRY CO.,LTD

## 4. FIRST AID MEASURES:

### **Inhalation:**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

### **Ingestion:**

DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### **Skin Contact:**

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

### **Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

## 5. FIRE FIGHTING MEASURES AND EXPLOSION HAZARD

### **Fire:**

Extreme heat or contact with metals can release flammable hydrogen gas.

### **Explosion:**

Not considered to be an explosion hazard.

### **Fire Extinguishing Media:**

If involved in a fire, use water spray. Neutralize with soda ash or slaked lime.

### **Special Information:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Structural firefighter's protective clothing is ineffective for fires involving hydrochloric acid. Stay away from ends of tanks. Cool tanks with water spray until well after fire is out.

## 6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Neutralize with alkaline material (soda ash, lime), then absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities.





# CHEMEX INDUSTRY CO.,LTD

## **7. HANDLING AND STORAGE**

Store in a cool, dry, ventilated storage area with acid resistant floors and good drainage. Keep out of direct sunlight and away from heat, water, and incompatible materials. Do not wash out container and use it for other purposes. When diluting, the acid should always be added slowly to water and in small amounts. Never use hot water and never add water to the acid. Water added to acid can cause uncontrolled boiling and splashing. When opening metal containers, use non-sparking tools because of the possibility of hydrogen gas being present. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Airborne Exposure Limits:**

-OSHA Permissible Exposure Limit (PEL):

5 ppm Ceiling

-ACGIH Threshold Limit Value (TLV):

5 ppm Ceiling

### **Ventilation System:**

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

### **Personal Respirators (NIOSH Approved):**

If the exposure limit is exceeded, a full facepiece respirator with an acid gas cartridge may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.

**WARNING:** Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

### **Skin Protection:**

Rubber or neoprene gloves and additional protection including impervious boots, apron, or coveralls, as needed in areas of unusual exposure to prevent skin contact.

### **Eye Protection:**

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.





# CHEMEX INDUSTRY CO.,LTD

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

Colorless, fuming liquid.

**Odor:**

Pungent odor of hydrogen chloride.

**Solubility:**

Infinite in water with slight evolution of heat.

**Density:**

1.17

**% Volatiles by volume @ 21C (70F):**

100

**Boiling Point:**

53C (127F) Azeotrope (20.2%) boils at 109C (228F)

**Melting Point:**

-74C (-101F)

**Vapor Density (Air=1):**

No information found.

**Vapor Pressure (mm Hg):**

190 @ 25C (77F)

**Evaporation Rate (BuAc=1):**

No information found.

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under ordinary conditions of use and storage. Containers may burst when heated.

**Hazardous Decomposition Products:**

When heated to decomposition, emits toxic hydrogen chloride fumes and will react with water or steam to produce heat and toxic and corrosive fumes. Thermal oxidative decomposition produces toxic chlorine fumes and explosive hydrogen gas.

**Hazardous Polymerization:**

Will not occur.

**Incompatibilities:**

A strong mineral acid, concentrated hydrochloric acid is incompatible with many substances and highly reactive with strong bases, metals, metal oxides, hydroxides, amines, carbonates and other alkaline materials. Incompatible with materials such as cyanides, sulfides, sulfites, and formaldehyde.

**Conditions to Avoid:**

Heat, direct sunlight.





# CHEMEX INDUSTRY CO.,LTD

## **11. TOXICOLOGICAL INFORMATION**

### **ACUTE TOXICITY**

#### **INHALATION**

Hydrogen chloride gas, mist and vapor can cause irritation of respiratory tract, with burning, choking, coughing, headaches and rapid heartbeat. Levels of 10 to 35 ppm can cause irritation of throat and 50-100 ppm is nearly unbearable for 1 hour. Inflammation, destruction of nasal passages and breathing difficulties can occur with higher concentrations and may be delayed in onset. 1000-2000 ppm can be fatal.

#### **ANIMAL TOXICOLOGY**

Inhalation LC50: 3124 ppm for 1Hour (rat)

Inhalation LC50: 1108 ppm for 1Hour (mouse)

#### **CHRONIC TOXICITY**

Exposures of 100 ppm for 6 hours a day for 50 days caused only slight unrest and irritation to the eyes and nose of rabbits, guinea pigs and pigeons. The hemoglobin content of the blood was also slightly diminished. Monkeys receiving twenty exposures of 33 ppm for 6 hours did not display any adverse effects. Higher exposures (unspecified) have caused weight loss which paralleled the severity of exposure. Baboons exposed to 500, 5000, or 10,000 ppm for 15 minutes did not have significant alterations in any pulmonary function parameters 3 days or 3 months after exposure. In humans, long term overexposures have been associated with erosion of the teeth.

#### **CARCINOGENICITY**

No standard carcinogenicity studies for hydrogen chloride were identified. Two studies on rats were conducted to determine if hydrogen chloride increased the formation of nasal tumors or increased the carcinogenic potential of formaldehyde. In both studies the rats were exposed to 10 ppm hydrogen chloride, 6 hours per day, 5 days a week.

One study lasted 84 weeks while the other lasted the animals' lifetime. Hydrogen chloride did not cause an increase in nasal tumors and did not increase the carcinogenicity of formaldehyde.

Hydrogen chloride is not listed on the IARC, NTP or OSHA carcinogen lists.

#### **DEVELOPMENTAL TOXICITY**

No studies were identified relative to hydrogen chloride and reproductive toxicity.

## **12. ECOLOGICAL INFORMATION**

### **Environmental Fate:**





# CHEMEX INDUSTRY CO.,LTD

When released into the soil, this material is not expected to biodegrade. When released into the soil, this material may leach into groundwater.

**Environmental Toxicity:**

This material is expected to be toxic to aquatic life.

## **13. DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## **14. TRANSPORT INFORMATION**

**Domestic (Land, D.O.T.)**

**Proper Shipping Name:** HYDROCHLORIC ACID

**Hazard Class:** 8

**UN/NA:** UN1789

**Packing Group:** II

**Information reported for product/size:** 475LB

**International (Water, I.M.O.)**

**Proper Shipping Name:** HYDROCHLORIC ACID

**Hazard Class:** 8

**UN/NA:** UN1789

**Packing Group:** II

**Information reported for product/size:** 475LB

## **15. REGULATORY INFORMATION**

**U S FEDERAL REGULATIONS**

**REPORTABLE QUANTITY (RQ)**

Reportable Quantity (RQ) is 5000 lbs.

**TOXIC SUBSTANCES CONTROL ACT**

Listed on TSCA Inventory

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III**

Components identified with an asterisk (\*) in Section 2 are subject to the reporting requirements of Section 313 of Title

III of the 1986 Superfund Amendments and Reauthorization Act (SARA) and 40 CFR Part 372.

**SARA HAZARD CATEGORIES (40 CFR 370.2)**

**HEALTH:** Immediate Health





# CHEMEX INDUSTRY CO.,LTD

## **INTERNATIONAL REGULATIONS**

### **CANADA**

#### **WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) CLASSIFICATION**

WHMIS Classifications applicable to this product:

E (Corrosive Material) based on assignment to TDG Class 8

### **CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)**

All components of this product are on the Domestic Substances List (DSL).

### **HAZARDOUS PRODUCTS ACT**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products

Regulations (CPR).

### **EUROPE**

EINECS No.: 231-595-7

### **STATE REGULATIONS**


#### **CALIFORNIA PROPOSITION 65**

Hydrochloric acid does not appear on the California Proposition 65 list.

## **16. OTHER INFORMATION**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.



	เอกสารข้อมูลความปลอดภัย Safety Data Sheet	SD-QC-15(00)
	กรดไฮโดรคลอริก	เริ่มใช้เอกสาร 1 เมษายน 2561

## 1. ข้อมูลเกี่ยวกับสารเคมี และบริษัทผู้ผลิต และ /หรือจำหน่าย (Identification)

### ตัวบ่งชี้ผลิตภัณฑ์

ชื่อผลิตภัณฑ์ : กรดไฮโดรคลอริก

การบ่งชี้ด้วยวิธีอื่นๆ : CAS#: 7647-01-0 EC/EINECS: 231-595-7 RTECS No.: MW4025000

UN/#: 1789 EC Annex 1 Index No. : 017-002-00-2

รายละเอียดผู้ผลิต : บริษัท เคมีภัณฑ์อุตสาหกรรม จำกัด

สำนักงานใหญ่ - 239 ถนนสีรินธร บางพลัด กรุงเทพฯ 10700 โรงงาน - 85 หมู่ 1 ถ.พระราม 2 ด.บางโหนด

โทร.02-8818150-2 แฟกซ์ 02-8819152

อ.เมือง จ.สมุทรสาคร 74000

โทร.034-432692-3 แฟกซ์ 034-432694

## 2. การบ่งชี้ความเป็นอันตราย (Hazards Identification)

การจำแนกประเภทสารเดี่ยวหรือสารผสมตามระบบ GHS:

○ ความเป็นพิษเฉียบพลัน (ทางปาก)	ประเภทย่อย 4
○ การทำลายดวงตาอย่างรุนแรงและการระคายเคืองต่อดวงตา	ประเภทย่อย 2A
○ การทำให้ไวต่อการกระตุ้นอาการแพ้ต่อผิวหนัง	ประเภทย่อย 1
○ ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการรับสัมผัสครั้งเดียว (ระบบประสาท ระบบทางเดินหายใจ)	ประเภทย่อย 1
○ ความเป็นพิษต่อระบบอวัยวะเป้าหมายอย่างเฉพาะเจาะจงจากการรับสัมผัสซ้ำ (ตับ อวัยวะรับกลิ่น ระบบทางเดินหายใจ)	ประเภทย่อย 1


องค์ประกอบของฉลาก:



คำสัญญาณ

อันตราย



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#### ข้อความแสดงความเป็นอันตราย

<input type="radio"/> อันตรายต่อระบบทางเดินหายใจ
<input type="radio"/> อันตรายต่อผิวหนังอย่างรุนแรงและทำลายดวงตา
<input type="radio"/> อันตรายต่อสิ่งมีชีวิตในน้ำ
<input type="radio"/> ทำให้เกิดการแพ้ที่ผิวหนัง

#### ข้อควรระวัง

<input type="radio"/> ควรได้รับคำแนะนำเฉพาะก่อนการใช้งาน
<input type="radio"/> หลีกเลี่ยงการสัมผัสหรือหายใจรับสาร
<input type="radio"/> สวมใส่หน้ากากป้องกันก๊าซ ชุดป้องกันสารเคมี ถุงมือกันสารเคมี แวนครอบตา รองเท้า
<input type="radio"/> บริเวณใช้งาน ควรมีระบบระบายอากาศที่ดี
<input type="radio"/> ห้ามปล่อยสารออกสู่สิ่งแวดล้อมหรือ แหล่งน้ำ
<input type="radio"/> ห้ามใช้งานหากยังไม่ได้อ่านหรือเข้าใจข้อควรระวังด้านความปลอดภัย

ความเป็นอันตรายอื่นที่ไม่มีผลในการจำแนกประเภท : ไม่มีข้อมูล

### 3. องค์ประกอบและข้อมูลเกี่ยวกับส่วนผสม (Composition/Information on Ingredients)

#### เอกลักษณ์ของสารเคมี :


ชื่อทางเคมี : กรดไฮโดรคลอริก  
ชื่อสามัญ : Hydrochloric Acid  
ชื่อพ้อง : กรดเกลือ กรดไฮโดรคลอริก Muriatic Acid  
สูตรโมเลกุล : HCl  
มวลโมเลกุล : 36.500 กรัม/โมล

#### ข้อมูลเกี่ยวกับส่วนผสม :

สาร	หมายเลข CAS	ความเข้มข้น
Hydrochloric Acid	7647-01-0	35 %
Water	7732-18-5	65 %

สิ่งเจือปนและสารปรุงแต่งให้เสถียร : ไม่มี



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#### 4. มาตรการปฐมพยาบาล (First Aid Measures)

##### วิธีการปฐมพยาบาล

การหายใจเข้าไป	ให้ย้ายผู้ป่วยไปยังบริเวณที่มีอากาศบริสุทธิ์ หากหายใจไม่สะดวกให้ใช้อุปกรณ์ช่วยหายใจ นำส่งแพทย์ทันที
การสัมผัสทางผิวหนัง	ถอดเสื้อผ้าที่เปื้อนออกทันที ล้างออกด้วยน้ำปริมาณมาก จะล้างผ่านผิวหนังส่วนที่โดนสารเคมีอย่างน้อยประมาณ 20 นาที ถ้ามีการระคายเคืองมาก รีบนำส่งแพทย์
การสัมผัสทางดวงตา	ล้างด้วยน้ำปริมาณมาก โดยลืมตาให้กว้าง ให้น้ำไหลผ่านอย่างน้อย 20 นาที ห้ามใช้น้ำยาล้างตา อาจใช้สารละลายน้ำเกลือ (Normal Saline Solution) ระงับอย่าให้น้ำล้างตาไหลเข้าดวงตาข้างที่ไม่ได้สัมผัสสาร แล้วรีบนำส่งแพทย์ทันที
การกลืนกิน	ห้ามทำให้ผู้ป่วยอาเจียน ควรให้ดื่มนมหรือน้ำสะอาด ในปริมาณมาก ๆ เพื่อเจือจางสาร

##### อาการ/ผลกระทบที่สำคัญ :

- การหายใจ : ระคายเคืองจมูกอย่างรุนแรง แสบคอ หายใจไม่ออก
- ผิวหนัง : ระคายเคืองผิวหนังอย่างรุนแรง เป็นแผลเป็นได้
- การกลืนกิน : โหม้ปากและทางเดินอาหาร กลืนลำบาก คลื่นไส้ อาเจียน ท้องเสีย อาจเสียชีวิตได้
- ดวงตา : ระคายเคือง แดง โหม้ อาจทำให้ตาบอดได้

ข้อควรพิจารณาทางการแพทย์ที่ต้องทำทันทีและการดูแลรักษาเฉพาะที่สำคัญที่ควรดำเนินการ : ผิวหนังบวม แดง จมูกและเหงือกมีเลือดออก โรคกระเพาะอักเสบ หลอดลมอักเสบเรื้อรัง

#### 5. มาตรการผจญเพลิง (Fire Fighting Measures)

สารดับเพลิงที่เหมาะสม : ให้ใช้สารดับเพลิงให้เหมาะสมกับเพลิงไหม้ที่เกิดบริเวณรอบๆ


สารดับเพลิงที่ไม่เหมาะสม : -

ความเป็นอันตรายที่เกิดจากสารเคมี : เมื่อสัมผัสโลหะจะให้แก๊สไฮโดรเจน ซึ่งอาจระเบิดได้

อุปกรณ์ป้องกันพิเศษและข้อควรระวังสำหรับนักผจญเพลิง :

- สวมชุดผจญเพลิง ชุดป้องกันสารเคมี สวมหน้ากากป้องกันการหายใจชนิดมีถังอัดอากาศ (SCBA)



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- ถิ่นน้ำเป็นละอองฝอยเพื่อหล่อเย็นภาชนะบรรจุ ห้ามถื่นน้ำไปยังภาชนะโดยตรง

#### 6. มาตรการจัดการเมื่อมีการหกและรั่วไหลของสาร (Accidental Release Measure)

##### ข้อควรระวังส่วนบุคคล :

- อพยพคนออกจากบริเวณที่สารหกตก ควรอยู่ในทิศทางเหนือลม
- ห้ามสัมผัสสารเคมีโดยตรง
- ห้ามหายใจเอาไอสารเข้าไป
- ให้กั้นแยกพื้นที่อันตรายและควบคุมบุคคลที่มีอุปกรณ์ป้องกันผ่านเข้าออกได้เท่านั้น
- จัดให้มีการระบายอากาศอย่างเพียงพอ
- การเข้าพื้นที่ต้องเข้าในทิศทางเหนือลม
- ห้ามสัมผัสวัตถุปนเปื้อน

##### อุปกรณ์ป้องกันภัยส่วนบุคคล :

- สวมชุดป้องกันสารเคมี อุปกรณ์ช่วยหายใจ รองเท้า และถุงมือป้องกันสารเคมี

##### ข้อควรระวังด้านสิ่งแวดล้อม :

- ป้องกันไม่ให้สารไหลลงแหล่งน้ำสาธารณะ เพราะสารนี้มีผลกระทบต่อสิ่งมีชีวิตในน้ำ ซึ่งส่งผลเป็นอันตรายเนื่องจากเปลี่ยนแปลงค่า pH ของน้ำ

##### วิธีการ และวัสดุสำหรับกักเก็บ และทำความสะอาด :


- สวมชุดป้องกันสารเคมี อุปกรณ์ป้องกันระบบหายใจชนิดแบบมีไส้กรองสารเคมี ประเภทกรองไอกรด
- ให้ระบายอากาศในบริเวณที่เกิดเหตุ
- ใช้อุปกรณ์ดักสารเคมีปนเปื้อนที่เป็นพลาสติก
- จัดเตรียมถุงและถังพลาสติก (แบบมีฝาปิด)
- นำสารเคมีปนเปื้อนใส่ถุงพลาสติกปิดรัดถุงแล้วใส่ลงถังพลาสติกปิดฝาแล้วใช้เทปผ้าพันปิดที่ขอบฝาดัง
- ติดป้ายที่ถัง “สารเคมีปนเปื้อนจากอุบัติเหตุ” นำไปกำจัดตามข้อกำหนด

#### 7. การขนถ่ายเคลื่อนย้าย ใช้งาน และการจัดเก็บ (Handling and Storage)

##### ข้อควรระวังในการขนถ่าย เคลื่อนย้าย ใช้งานอย่างปลอดภัย :

- ภาชนะประเภทบรรจุภัณฑ์ที่ขนย้ายต้องแข็งแรง ปิดสนิท มีฉลากกำกับ
- จัดระบบระบายอากาศที่เพียงพอในบริเวณใช้งาน
- ป้องกันละอองไอของกรดในบริเวณทำงาน
- หลีกเลี่ยงการสูดดม และการสัมผัสโดยตรง



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**สถานการณ์เก็บรักษาอย่างปลอดภัย :**

- ปิดภาชนะให้สนิท เก็บในบริเวณที่ระบายอากาศได้ดี เก็บในที่แห้ง ห่างจากสารที่อาจเกิดปฏิกิริยา
- เก็บให้ห่างจากความร้อน ความชื้น สารออกซิไดซ์ โลหะ แอลกอฮอล์ กรด โซดาไฟ โซลไฟด์
- ภาชนะบรรจุเป็นวัสดุทนการกัดกร่อน
- ห้ามรับประทานอาหาร เครื่องดื่ม ในบริเวณพื้นที่ใช้สาร

**ข้อควรระวังด้านสิ่งแวดล้อม :** ห้ามให้สารปนเปื้อนสิ่งแวดล้อม

**8. การควบคุมการรับสัมผัสและการป้องกันส่วนบุคคล (Exposure Controls/Personal Protection)**

**ค่าต่างๆที่ใช้ควบคุมการรับสัมผัส :**

IDLH	50	ppm	(NIOSH 2012)
REL-C:	5	ppm	(NIOSH 2012)
PEL-C:	5	ppm	(OSHA 2012)
TLV-Ceiling:	2	ppm	(ACGIH 2012)

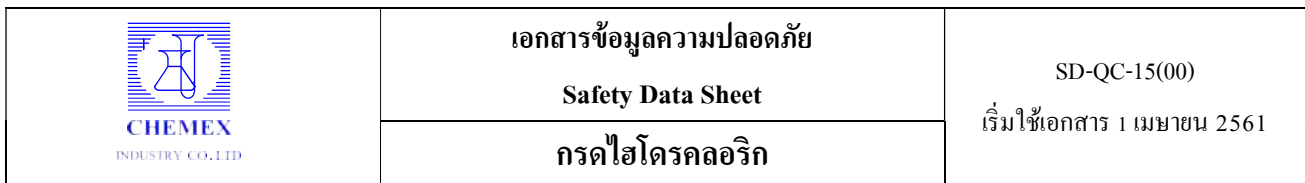
**การควบคุมทางวิศวกรรมที่เหมาะสม :**

- จัดให้มีการระบายอากาศที่เพียงพอ
- ติดตั้งระบบดูดอากาศเฉพาะที่
- ออกแบบให้เป็นระบบปิด ป้องกันไอสารเคมี

**อุปกรณ์ป้องกันภัยส่วนบุคคล :**

		
การป้องกันมือ (ถุงมือสำหรับป้องกันสารเคมี)	การป้องกันระบบหายใจ (หน้ากากกรองสารเคมีประเภท ป้องกันไอกรด)	การป้องกันดวงตา (แว่นครอบตา)
		
ชุดกันสารเคมี	กระบังหน้า	






- เปลี่ยนเสื้อผ้าที่เปื้อนสารเคมี
- ล้างมือและหน้าหลังจากการทำงานกับสาร ก่อนกินอาหาร สูบบุหรี่หรือใช้ห้องน้ำ
- ห้ามกินอาหาร ดื่มเครื่องดื่ม หรือสูบบุหรี่ในสถานที่ทำงาน

1.) ลักษณะทั่วไป	ของเหลวใสไม่มีสี
2.) กลิ่น	กลิ่นฉุน
3.) ระดับค่าขีดจำกัดของกลิ่น	ไม่มีข้อมูล
4.) ค่าความเป็นกรดต่าง	< 0
5.) จุดหลอมเหลว/จุดเยือกแข็ง	-20 ถึง -30 °C
6.) จุดเดือดเริ่มต้นและช่วงของการเดือด	63.8 °C ที่ 101.3kPa
7.) จุดวาบไฟ	ไม่ติดไฟ
8.) อัตราการระเหย	< 1
9.) ความสามารถในการลุกติดไฟได้	ไม่ติดไฟ
10.) ค่าขีดจำกัดสูงสุดและต่ำสุดของความไวไฟ หรือค่าขีดจำกัดสูงสุดและต่ำสุดของการระเบิด (% , v/v) ขีดล่าง : ไม่มีข้อมูล ขีดบน : ไม่มีข้อมูล	
11.) ความดันไอ	100 mmHg (13.3 kPa) ที่อุณหภูมิ 20 °C
12.) ความหนาแน่นไอ (อากาศ = 1)	1.27
13.) ความหนาแน่นสัมพัทธ์ (น้ำ = 1)	1.18 ที่อุณหภูมิ 30 °C
14.) ความสามารถในการละลายได้	ละลายในน้ำได้ดี
15.) ค่าสัมประสิทธิ์การละลายของสารใน ชั้นของ n-octanol ต่อน้ำ (Log K <sub>ow</sub> )	ไม่มีข้อมูล
16.) อุณหภูมิที่ลุกติดไฟได้เอง	ไม่ติดไฟ
17.) อุณหภูมิของการสลายตัว	ไม่มีข้อมูล
18.) ความหนืด	1.9 cP ที่อุณหภูมิ 20°C (0.0148 mP)



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#### 10. ความเสถียรและความไวต่อปฏิกิริยา (Stability and Reactivity)

##### การเกิดปฏิกิริยา :

- ทำปฏิกิริยารุนแรงและก่อให้เกิดระเบิด กับ Acetylene, Ether, Fluorine compounds, Terpentine, Alcohols, Ammonia ต่างแก่ (เช่น Sodium Hydroxide, Potassium Hydroxide )

##### ความเสถียรทางเคมี :

- เสถียรภายใต้อุณหภูมิ และความดันปกติ ของการใช้และการเก็บ

##### ความเป็นไปได้ในการเกิดปฏิกิริยาอันตราย :

- ความร้อน ความชื้น แสงแดด พื้นที่ที่มีประกายไฟ

##### สภาวะที่ควรหลีกเลี่ยง :

- โลหะ เมื่อสัมผัสแล้วจะให้แก๊สไฮโดรเจน ที่อาจจะระเบิดได้
- วัตถุออกซิไดซ์ วัตถุรีดิวซ์ ต่าง

##### วัสดุที่เข้ากันไม่ได้ :

- ไฮโดรเจนคลอไรด์, คลอรีน, แก๊สไฮโดรเจน

ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตรายเมื่อสัมผัสน้ำ : ไม่มีข้อมูล

ผลิตภัณฑ์จากการเผาไหม้ : ไม่มีข้อมูล

ผลิตภัณฑ์จากการสลายตัวที่เป็นอันตราย : ไม่มีข้อมูล

#### 11. ข้อมูลด้านพิษวิทยา (Toxicological Information)


##### ค่าประมาณการความเป็นพิษเฉียบพลัน :

กระด่ำย(ทางปาก)	LD <sub>50</sub> (Rabbit)	900	มิลลิกรัม/กิโลกรัม
หนูพุก (ทางการหายใจ)	LC <sub>50</sub> (Rat)	8,300	มิลลิกรัม/ลูกบาศก์เมตร

##### ข้อมูลเพิ่มเติมทางพิษวิทยา : ไม่เป็นสารก่อมะเร็ง

การหายใจเข้าไป	ระคายเคืองจมูก คอ ปอด ไอ เจ็บคอ หายใจถี่ แผลไหม้ของเยื่อเมือก ทำให้ปอดบวม สารนี้ทำให้เนื้อเยื่อและบริเวณทางเดินหายใจส่วนบน ถูกทำลายอย่างรุนแรง
การสัมผัสทางผิวหนัง	เป็นแผลไหม้ อาจเป็นอันตรายหากถูกดูดซึมทางผิวหนัง
การสัมผัสทางดวงตา	ระคายเคืองดวงตา ดวงตาไหม้อย่างรุนแรง
การกลืนกิน	เกิดอาการปวดท้อง



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อาการที่ปรากฏ	คลื่นไส้ อาเจียน ปวดศีรษะ ง่วงซึม ผิวหนังอักเสบ
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## 12. ข้อมูลด้านนิเวศวิทยา (Ecological Information)

ความเป็นพิษต่อระบบนิเวศน์ :

ความเป็นพิษต่อปลา Mosquito fish  $LC_{50}$  : 282 มิลลิกรัม/ ลิตร/ 96 ชั่วโมง

ความเป็นพิษต่อ Crustacea Daphnia magna  $EC_{50}$  : 0.492 มิลลิกรัม/ ลิตร/ 48 ชั่วโมง

การตกค้างยาวนาน และความสามารถในการย่อยสลายทางชีวภาพ : สารนี้ไม่สามารถย่อยสลายทางชีวภาพ

ศักยภาพในการสะสมทางชีวภาพ: ไม่สะสมทางชีวภาพ

การเคลื่อนย้ายในดิน : ไม่มีข้อมูล

ผลกระทบในทางเสียหายอื่นๆ : สารนี้เป็นพิษมากต่อสิ่งมีชีวิตในน้ำ

## 13. ข้อพิจารณาในการกำจัด (Disposal Considerations)

การกำจัดสาร : ใช้น้ำทำความสะอาด และทำให้เป็นกลางด้วย โซเดียมคาร์บอเนต หรือปูนขาว

บรรจุภัณฑ์ : ภาชนะบรรจุที่ทำความสะอาดแล้วให้กำจัดแบบขยะทั่วไป

## 14. ข้อมูลเกี่ยวกับการขนส่ง (Transport Information)

หมายเลขสหประชาชาติ (UN number): 1789

ชื่อที่ถูกต้องในการขนส่งของสหประชาชาติ : Hydrochloric Acid

ประเภทความเป็นอันตรายสำหรับการขนส่ง : 8

กลุ่มการบรรจุ (ถ้ามี) : II

การติดฉลาก :




มลภาวะทางทะเล : ไม่มีข้อมูล

การขนส่งด้วยภาชนะขนาดใหญ่: แท็งก์มาตรฐาน L4BN

ข้อควรระวังพิเศษ : ไม่มีข้อมูล



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#### 15. ข้อมูลเกี่ยวกับกฎข้อบังคับ (Regulatory Information)

กฎหมาย/ข้อบังคับของประเทศไทย :

- พระราชบัญญัติวัตถุอันตราย พ.ศ. 2535

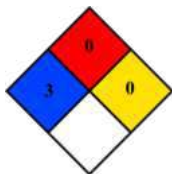
กระทรวงอุตสาหกรรม กำหนดประเภทวัตถุอันตราย: ชนิดที่ 3 (กรมโรงงานอุตสาหกรรม กรมประมง)

ประกาศกระทรวงอุตสาหกรรมเรื่องการขนส่งวัตถุอันตรายทางบก พ.ศ. 2546

ประกาศกรมการขนส่งทางบก เรื่องการติดป้ายอักษรภาพและเครื่องหมายของรถบรรทุกวัตถุอันตราย พ.ศ.2543

การติดฉลาก :

- NFPA:



Health Hazard : 3

Fire Hazard : 0

Reactivity Hazard : 1

- GHS:




#### 16. ข้อมูลอื่น ๆ (Other Information)

วันที่จัดทำเอกสารข้อมูลความปลอดภัย : 14 กุมภาพันธ์ 2556

แหล่งข้อมูลและเอกสารที่ใช้ทำเอกสารข้อมูลความปลอดภัย :

1. The National Institute for Occupational Safety and Health(NIOSH):NIOSH Pocket Guide to Chemical Hazards <http://www.cdc.gov/niosh/npg/npgdcas.html>
2. United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG)  
[http://www.unece.org/trans/danger/publi/unrec/rev14/English/05E\\_Index.pdf](http://www.unece.org/trans/danger/publi/unrec/rev14/English/05E_Index.pdf)



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	<b>กรดไฮโดรคลอริก</b>	







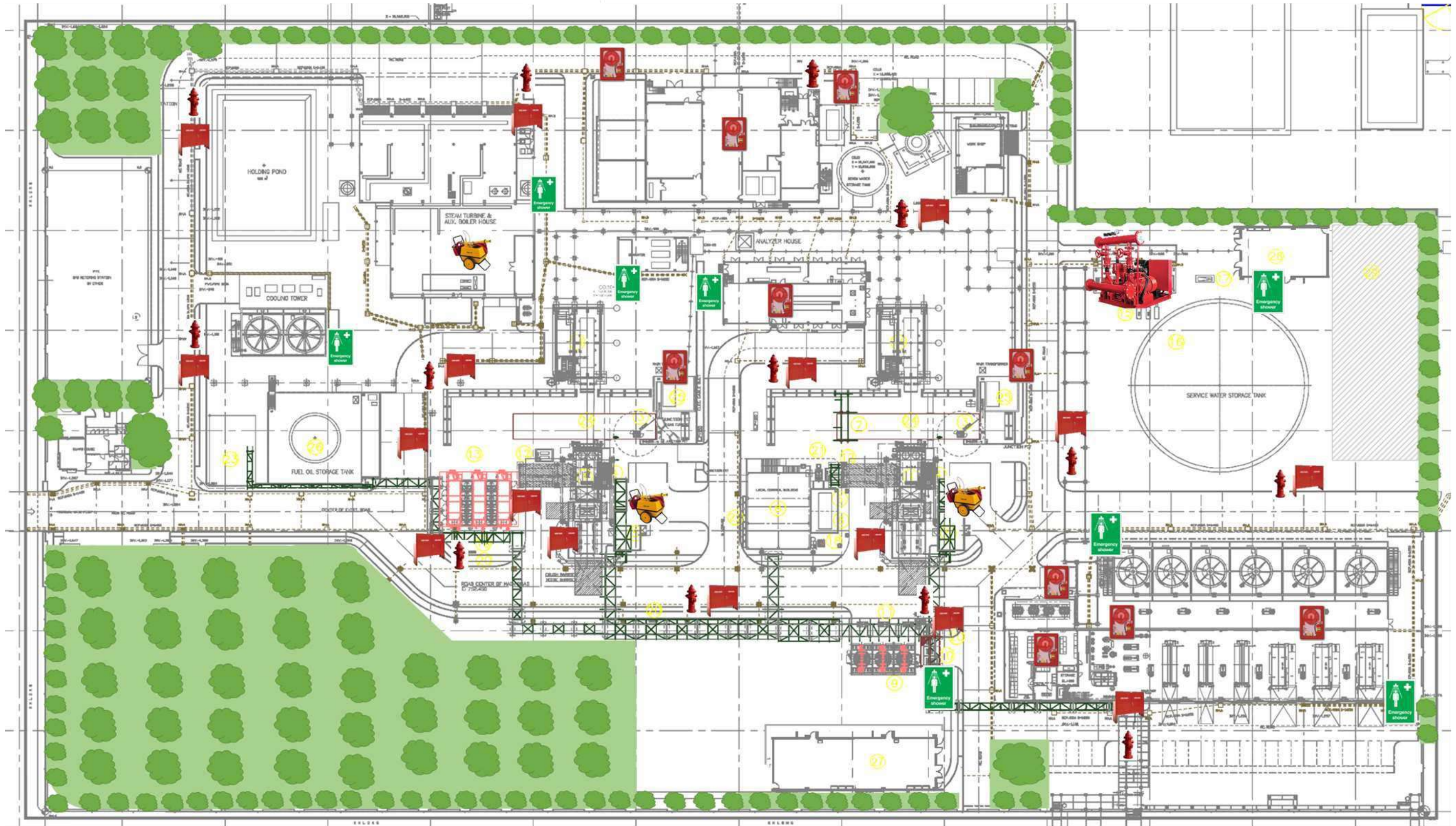
## ภาคผนวกที่ 22

Lay Out แสดงตำแหน่งติดตั้งอุปกรณ์ฉุกเฉิน





# แผนผังอุปกรณ์ฉุกเฉิน



-  Fire Hose House
-  Fire Hydrant
-  Fire Hose Cabinet
-  Mobile Foam
-  Fire Pump
-  Emergency Shower





## ภาคผนวกที่ 23

เอกสารแจ้งการมีบุคลากรเฉพาะรับผิดชอบ  
การเก็บรักษาวัตถุอันตราย





วันที่ DCAP.1337 / 2563

ลงวันที่ 21 ธ.ค. 2563

ที่ อก ๐๓๐๖.๕/ ๓๓๖๔

กองบริหารจัดการวัตถุอันตราย  
กรมโรงงานอุตสาหกรรม  
ถนนพระรามที่ ๖ เขตราชเทวี  
กรุงเทพมหานคร ๑๐๕๐๐

๑๖ ธันวาคม ๒๕๖๓

เรื่อง การแจ้งมีบุคลากรเฉพาะรับผิดชอบการเก็บรักษาวัตถุอันตรายที่กรมโรงงานอุตสาหกรรมรับผิดชอบ

เรียน ผู้ประกอบการวัตถุอันตราย บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
(ทะเบียนโรงงานเลขที่ [REDACTED])

อ้างถึง แบบการแจ้งมีบุคลากรเฉพาะรับผิดชอบการเก็บรักษาวัตถุอันตราย (บฉ.๑) ลงวันที่ ๓ กันยายน ๒๕๖๓

ตามที่อ้างถึง บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด ได้ยื่นแบบ บฉ.๑ เลขรับที่ ๓๙๐๕ ลงวันที่ ๗ ธันวาคม ๒๕๖๓ แจ้งมีบุคลากรเฉพาะรับผิดชอบความปลอดภัยการเก็บรักษาวัตถุอันตรายที่กรมโรงงานอุตสาหกรรมรับผิดชอบ ความละเอียดแจ้งแล้ว นั้น

กองบริหารจัดการวัตถุอันตราย กรมโรงงานอุตสาหกรรม รับแจ้งการมีบุคลากรเฉพาะประจำสถานที่เก็บรักษาวัตถุอันตราย โดยมีรายละเอียด ดังนี้

ลำดับที่	รายชื่อบุคลากรเฉพาะ	เลขที่ทะเบียนตามแบบ บฉ.๓	ที่อยู่สถานที่เก็บรักษาวัตถุอันตราย
๑	นายอรรถวุฒิ [REDACTED]	บฉ๖๒ [REDACTED]	เลขที่ ๒๒๒ หมู่ที่ ๑ ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ ๑๐๕๔๐

ในการนี้ ผู้ประกอบการวัตถุอันตรายและบุคลากรเฉพาะฯ ต้องปฏิบัติตามกฎหมายที่เกี่ยวข้องอย่างเคร่งครัด ดังนี้

๑. ประกาศกระทรวงอุตสาหกรรม เรื่อง การกำหนดให้สถานประกอบการวัตถุอันตรายมีบุคลากรเฉพาะรับผิดชอบความปลอดภัยการเก็บรักษาวัตถุอันตรายที่กรมโรงงานอุตสาหกรรมรับผิดชอบ พ.ศ. ๒๕๕๑

๒. ประกาศกระทรวงอุตสาหกรรม เรื่อง การเก็บรักษาวัตถุอันตรายที่กรมโรงงานอุตสาหกรรมรับผิดชอบ พ.ศ. ๒๕๕๑

๓. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง หลักเกณฑ์และวิธีการแจ้งมีบุคลากรเฉพาะการจดทะเบียนบุคลากรเฉพาะรับผิดชอบความปลอดภัยการเก็บรักษาวัตถุอันตรายที่กรมโรงงานอุตสาหกรรมรับผิดชอบและการรายงานความปลอดภัยการเก็บรักษาวัตถุอันตราย พ.ศ. ๒๕๕๑

๔. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง คู่มือการเก็บรักษาสารเคมีและวัตถุอันตราย พ.ศ. ๒๕๕๐

การไม่ปฏิบัติ...



การไม่ปฏิบัติตามประกาศฯ ข้างต้น เป็นความผิดตามมาตรา ๗๑ ต้องระวางโทษจำคุกไม่เกินหกเดือน หรือปรับไม่เกินห้าหมื่นบาท หรือทั้งจำทั้งปรับ และมาตรา ๗๒ ต้องระวางโทษจำคุกไม่เกินหนึ่งปี หรือปรับไม่เกินหนึ่งแสนบาท หรือทั้งจำทั้งปรับ ตามพระราชบัญญัติวัดอุณหัตถาย พ.ศ. ๒๕๓๕ แล้วแต่กรณีขึ้นกับชนิดของวัดอุณหัตถาย

ทั้งนี้ ได้จัดส่งรหัสผู้ใช้ (Login) และรหัสผ่าน (Password) สำหรับการจัดส่งรายงานความปลอดภัย การเก็บรักษาวัดอุณหัตถายประจำปี (บฉ.๔) ให้ท่านทางไปรษณีย์อิเล็กทรอนิกส์ jiraporn.m@dcap.co.th แล้ว

อนึ่ง ท่านต้องปฏิบัติตามอนุบัญญัติที่เกี่ยวข้องอื่น ๆ ด้วยและหากท่านเป็นผู้ประกอบการวัดอุณหัตถายชนิดที่ ๒ และชนิดที่ ๓ ต้องยื่นขอแก้ไขเปลี่ยนแปลงบุคลากรเฉพาะที่ปรากฏอยู่ในใบอนุญาตหรือใบแจ้งการดำเนินการเกี่ยวกับวัดอุณหัตถายชนิดที่ ๒ ด้วย

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ



นักวิทยาศาสตร์เชี่ยวชาญ

รักษาราชการแทนผู้อำนวยการกองบริหารจัดการวัดอุณหัตถาย

กลุ่มพัฒนามาตรฐานการกำกับวัดอุณหัตถาย

โทร. ๐ ๒๒๐๒ ๔๒๔๘

โทรสาร ๐ ๒๒๐๒ ๔๒๓๐





## ภาคผนวกที่ 24

แนวทางการจัดการสารเคมี






 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง แนวทางการจัดการสารเคมี</p>		
รหัสเอกสาร IP-DCP-18	แก้ไขครั้งที่ 0	วันที่บังคับใช้ 24 ตุลาคม 2560	หน้า 1 / 8

## เอกสารควบคุม

### ขั้นตอนการดำเนินงาน


#### เรื่อง

#### แนวทางการจัดการสารเคมี

<p>จัดทำโดย  ชื่อ-สกุล (ไม่ปรากฏนามสกุล) ตำแหน่ง พนักงานบริหารระบบคุณภาพความปลอดภัย สิ่งแวดล้อมและอาชีวอนามัย</p>	<p style="text-align: center;">วันที่แจกจ่าย <b>24</b> / <b>10</b> / <b>2560</b></p>
<p>ตรวจสอบโดย  ชื่อ-สกุล ตำแหน่ง ผู้แทนฝ่ายบริหารระบบคุณภาพความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม</p>	
<p>อนุมัติโดย  ชื่อ-สกุล ตำแหน่ง รองผู้จัดการใหญ่อาวุโส รักษาการผู้จัดการใหญ่</p>	<p style="text-align: center;">วันที่มีผลบังคับใช้ <b>24</b> / <b>10</b> / <b>2560</b></p>


จำนวนหน้าทั้งหมด 8 หน้า ลำเนาหมายเลข



 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง แนวทางการจัดการสารเคมี</p>		
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ตารางการแจกจ่ายเอกสารควบคุม			
ประเภท	สำเนาหมายเลข	ชื่อ/ตำแหน่ง/แหล่งข้อมูล	หมายเลขเครื่อง/สถานที่
เอกสารต้นฉบับ	-	เจ้าหน้าที่ควบคุมระบบเอกสารและข้อมูล	สำนักงาน DCAP
Hard Copy	สำเนาหมายเลข 1	คกบผ.	สำนักงาน คกบผ.
Electronic Copy	Copy Files 1	พนักงานบริหารทั่วไป	Server DCAP (ISO) /Central Control Room
Electronic Copy	Copy Files 2	พนักงานบริหารทั่วไป (คกบผ.)	Server DCAP (DCAP-EGAT-Data) /Central Control Room




 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง แนวทางการจัดการสารเคมี</p>		
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 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> ขั้นตอนการดำเนินงาน เรื่อง แนวทางการจัดการสารเคมี</p>		
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### 1. วัตถุประสงค์

เพื่อเป็นแนวทางในการควบคุมการรับเข้า จัดเก็บ นำไปใช้ และการกำจัดสารเคมีที่เสื่อมสภาพ เพื่อให้ปลอดภัยและลดผลกระทบต่อสิ่งแวดล้อม และเป็นไปตามกฎหมาย

### 2. ขอบเขต


ขั้นตอนการดำเนินงานนี้ ใช้เป็นแนวทางในการจัดการสารเคมี ภายในบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (District Cooling System and Power Plant Co., Ltd. DCAP)

### 3. คำจำกัดความ

SDS (Safety Data Sheet)	หมายถึง	แบบแจ้งรายละเอียดเกี่ยวกับคุณสมบัติ และแนวทางในป้องกัน และลดผลกระทบจากสารเคมี
DCAP	หมายถึง	บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (District Cooling System and Power Plant Co., Ltd.)
สารเคมี	หมายถึง	สารประกอบหรือสารผสม ซึ่งอยู่ในสถานะของแข็ง ของเหลว หรือก๊าซ ที่มีลักษณะอย่างใดอย่างหนึ่ง หรือหลายอย่าง ดังต่อไปนี้

- |  |                       |
|--|-----------------------|
| - วัตถุระเบิด                            | - ก๊าซ                |
| - ของเหลวไวไฟ                            | - ของแข็งไวไฟ         |
| - สารพิษและสารติดเชื้อ                   | - วัตถุถุกัมมันตรังสี |
| - สารกัดกร่อน                            | - สารอันตรายเบ็ดเตล็ด |
| - สารออกซิไดซ์และสารอินทรีย์เปอร์ออกไซด์ |                       |




 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;"><b>ขั้นตอนการดำเนินงาน</b> <b>เรื่อง แนวทางการจัดการสารเคมี</b></p>		
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#### 4. ขั้นตอนการดำเนินงาน

- 4.1 การจัดซื้อสารเคมี พนักงานที่ดูแลการจัดซื้อ ต้องตรวจสอบข้อมูลของสารเคมี ก่อนดำเนินการจัดซื้อตามที่ระบุไว้ในบัญชีรายชื่อสารเคมีของบริษัทฯ โดยให้ตรวจสอบกับเจ้าหน้าที่ความปลอดภัยหรือเจ้าหน้าที่เคมี เพื่อให้มั่นใจว่าสารเคมีดังกล่าวมี SDS หรือไม่ หากพบว่ายังไม่มีให้ดำเนินการขอ SDS ของสารเคมีจากผู้ขาย
- 4.2 การตรวจรับสารเคมี พนักงานผู้รับผิดชอบตรวจรับ ต้องตรวจสอบและพิจารณาความเรียบร้อยของบรรจุภัณฑ์ เมื่อผู้ขายนำสารเคมีมาส่ง โดยตรวจสอบคุณลักษณะและสภาพภาชนะที่บรรจุ ต้องอยู่ในสภาพดี ไม่แตกหัก บวม หรือฉีกขาด มีสลากระบุชื่อและชนิดของสารเคมีอย่างชัดเจน และต้องตรวจสอบวันหมดอายุของสารเคมีว่ายังอยู่ในช่วงอายุการใช้งาน
  - 4.2.1 กรณีสารเคมีประเภทกรด-ด่าง ให้ปฏิบัติตามคู่มือการปฏิบัติงาน เรื่อง การตรวจรับ และการเติมกรด 35%HCl และ 50%NaOH ลงใน Storage Tank (WI 001, QP-DCAP-17)
  - 4.2.2 กรณีสารเคมีที่รับจากส่วนกลาง ฝ่ายเคมี ของ กฟผ. ให้ปฏิบัติตามคู่มือการปฏิบัติงาน เรื่อง การตรวจรับสารเคมีที่รับจากส่วนกลางฝ่ายเคมี (WI 004, QP-DCAP-17)
- 4.3 การเคลื่อนย้ายสารเคมี พนักงานที่เคลื่อนย้ายสารเคมี ต้องเคลื่อนย้ายสารเคมีด้วยความระมัดระวัง และใช้ภาชนะที่เหมาะสมในการเคลื่อนย้าย ทั้งนี้เพื่อป้องกันความเสียหายต่อภาชนะบรรจุสารเคมี และต้องสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคล เบื้องต้นได้แก่ ถุงมือกันสารเคมี ชุดกันสารเคมี แว่นตานิรภัย รองเท้านิรภัย และอุปกรณ์ป้องกันทางเดินหายใจ
- 4.4 การจัดเก็บสารเคมี ผู้รับผิดชอบในการจัดเก็บสารเคมี จะต้องคำนึงถึงหลักในการจัดเก็บสารเคมี เพื่อให้เกิดความปลอดภัยต่อผู้ปฏิบัติงาน ทรัพย์สินและสิ่งแวดล้อม ดังนี้
  - 4.4.1 ความเหมาะสมของสถานที่จัดเก็บ เช่น อุณหภูมิ ความชื้น ประกายไฟ การถ่ายเทและการระบายอากาศ เป็นต้น โดยทั้งนี้ให้เป็นไปตามที่ระบุไว้ใน SDS หรือกฎหมายหรือข้อกำหนดต่าง ๆ
  - 4.4.2 แยกสารเคมีที่อาจเกิดปฏิกิริยากัน หรือเชื่อต่อการเกิดปฏิกิริยาที่รุนแรง เช่น ควรแยกสารเคมีที่เป็นตัว Reducing agent กับสารเคมีที่เป็นตัว Oxidizing agent ออกจากกันอย่างเด็ดขาด เป็นต้น
  - 4.4.3 ศึกษาข้อมูลสารเคมีแต่ละชนิดจาก SDS เพื่อประกอบการตัดสินใจในการจัดเก็บสารเคมี
  - 4.4.4 ต้องมีป้ายแสดงประเภทของสารเคมี เช่น ไวไฟ เป็นพิษ ออกซิไดซ์ กัดกร่อน เป็นต้น
  - 4.4.5 ต้องมีการชี้บ่ง แสดงกำกับชื่อสารเคมีที่ภาชนะอย่างชัดเจน



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- 4.4.6 ต้องมีภาชนะรองรับอีกชั้น เพื่อป้องกันโอกาสการหกรั่วไหล สำหรับสารเคมีที่มีการเปิดใช้
- 4.4.7 ต้องไม่วางสารเคมีบนพื้นโดยตรง โดยต้องรองพื้นด้วยวัสดุที่ไม่เกิดการซึมสู่พื้นดินของสารเคมีที่หกรั่วไหล และทนทานต่อความร้อน
- 4.4.8 ต้องมีเอกสาร SDS อยู่บริเวณจุดที่สะดวกต่อการเรียกใช้ และสามารถอ่านหรือค้นหาได้อย่างสะดวก
- 4.5 การใช้งานสารเคมี ผู้ปฏิบัติงานควรคำนึงถึงหลักปฏิบัติ ดังนี้
  - 4.5.1 ผู้ปฏิบัติงานเกี่ยวกับสารเคมีต้องได้รับการอบรมความรู้ถึงคุณสมบัติ อันตราย ความปลอดภัยเกี่ยวกับการเคมีก่อนปฏิบัติงาน
  - 4.5.2 เมื่อต้องปฏิบัติงานกับสารเคมี ให้ศึกษาข้อมูลสารเคมีที่ต้องใช้จาก SDS อย่างถี่ถ้วนก่อนทุกชนิด
  - 4.5.3 ต้องสวมใส่เครื่องป้องกันส่วนบุคคล (PPE) ให้เหมาะสมต่อสภาพการแพร่กระจายและฤทธิ์ของสารเคมีประเภทนั้น หรือตามคำแนะนำของเจ้าหน้าที่ความปลอดภัย
  - 4.1.1 ควรเบิกสารเคมี เพื่อนำมาใช้งานในจำนวนที่จำเป็นเท่านั้น
  - 4.1.2 ในกรณีที่มีการแบ่งถ่ายภาชนะบรรจุ ขนาดเล็ก เพื่อแบ่งใช้งาน หัวหน้างานที่เกี่ยวข้องจะต้องคัดเลือกภาชนะที่เหมาะสมกับสารเคมีแต่ละประเภท พร้อมกับติดป้ายฉลากตามแบบที่กำหนด ทั้งนี้ให้ตั้งฉลากเก่าออกให้หมด เพื่อป้องกันการสับสน
- 4.6 สารเคมีที่ใช้งานหมดแล้ว หรือหมดอายุการใช้งาน
  - 4.6.1 เมื่อใช้งานสารเคมี หมดแล้ว ให้พนักงานเก็บรวบรวมภาชนะบรรจุสารเคมี ส่งกลับไปจัดเก็บในบริเวณที่จัดไว้ เพื่อดำเนินการจัดการตามขั้นตอนการดำเนินงาน เรื่อง การจัดการขยะ (EP-DCP-02) ต่อไป
  - 4.6.2 กรณีสารเคมีเสื่อมสภาพหรือหมดอายุการใช้งาน ให้จัดทำป้ายบ่งชี้ให้ชัดเจนว่าเป็นสารเคมีที่เสื่อมสภาพแล้ว โดยระบุชื่อให้ชัดเจน และนำไปจัดเก็บในบริเวณที่จัดไว้ เพื่อดำเนินการจัดการตามขั้นตอนการดำเนินงาน เรื่อง การจัดการขยะ (EP-DCP-02) ต่อไป
- 4.7 กรณีที่เกิดการหกรั่วไหลของสารเคมี ให้พนักงานที่พบเห็นเหตุการณ์ ปฏิบัติดังนี้
  - 4.7.1 กรณีเป็นผง ให้รวบรวมนำใส่ถุงแยกไว้ต่างหาก จัดทำป้ายบ่งชี้ให้ชัดเจนว่าเป็นสารเคมีที่ใช้ไม่ได้แล้ว โดยระบุชื่อให้ชัดเจน และส่งไปจัดเก็บในสถานที่จัดเก็บขยะอันตราย





บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

# เอกสารควบคุม

## ขั้นตอนการดำเนินงาน

### เรื่อง แนวทางการจัดการสารเคมี

รหัสเอกสาร IP-DCP-18

แก้ไขครั้งที่ 0

วันที่บังคับใช้ 24 ตุลาคม 2560

หน้า 7 / 8

- 4.7.2 กรณีที่เป็นของเหลว ให้ใช้วัสดุดูดซับ หรือทำความสะอาดบริเวณที่หกรั่วไหลของสารเคมีนั้น ๆ ตามความเหมาะสม ทั้งนี้วัสดุดูดซับที่ใช้แล้วนั้นต้องใส่ถุงแยกไว้ ทำป้ายระบุให้ชัดเจน และส่งไปจัดเก็บในสถานที่จัดเก็บขยะอันตราย
- 4.7.3 กรณีที่มีการรั่วไหลในปริมาณที่มาก เช่น ประมาณ 50 ลิตรขึ้นไป จะต้องปฏิบัติตามแผนฉุกเฉินที่กำหนดไว้ในวิธีการปฏิบัติงาน เรื่อง แนวทางการป้องกันและระงับเหตุฉุกเฉินกรณีสารเคมีหกรั่วไหล (II-DCP-03)

## 5. เอกสารสนับสนุน

- 5.1 ขั้นตอนการดำเนินงาน เรื่อง การจัดการขยะ (EP-DCP-02)
- 5.2 ประกาศกรมโรงงานอุตสาหกรรมเรื่อง คู่มือการเก็บรักษาสารเคมีและวัตถุอันตราย พ.ศ. 2550
- 5.3 วิธีการปฏิบัติงาน เรื่อง แนวทางการป้องกันและระงับเหตุฉุกเฉินกรณีสารเคมีหกรั่วไหล (II-DCP-03)
- 5.4 คู่มือการปฏิบัติงาน เรื่อง การตรวจรับและการเติมกรด 35% HCl และ 50% NaOH ลงใน Storage Tank (WI 001, QP-DCAP-17)
- 5.5 คู่มือการปฏิบัติงาน เรื่อง การตรวจรับสารเคมีที่รับจากส่วนกลางฝ่ายเคมี (WI 004, QP-DCAP-17)

## 6. เอกสารบันทึกคุณภาพ

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## 7. แผนผังการดำเนินงาน

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 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>วิธีการปฏิบัติงาน เรื่อง ความปลอดภัยในการทำงานเกี่ยวกับสารเคมี <b>เอกสารควบคุม</b></p>		
รหัสเอกสาร SI-DCP-02	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 1 มิถุนายน 2563	หน้า 2 / 7

ตารางการแจกจ่ายเอกสารควบคุม			
ประเภท	สำเนาหมายเลข	ชื่อ/ตำแหน่ง/แหล่งข้อมูล	หมายเลขเครื่อง/สถานที่
เอกสารต้นฉบับ	-	เจ้าหน้าที่ควบคุมระบบเอกสารและข้อมูล	สำนักงาน DCAP
Hard Copy	สำเนาหมายเลข 1	คกบผ.	สำนักงาน คกบผ.
Electronic Copy	Copy Files 1	พนักงานบริหารทั่วไป	Server DCAP (ISO) /Central Control Room
Electronic Copy	Copy Files 2	คกบผ.	สำนักงาน คกบผ.



 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>วิธีการปฏิบัติงาน เรื่อง ความปลอดภัยในการทำงานเกี่ยวกับสารเคมี <b>เอกสารควบคุม</b></p>		
รหัสเอกสาร SI-DCP-02	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 1 มิถุนายน 2563	หน้า 3 / 7

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 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>วิธีการปฏิบัติงาน เรื่อง ความปลอดภัยในการทำงานเกี่ยวกับสารเคมี <b>เอกสารควบคุม</b></p>		
รหัสเอกสาร SI-DCP-02	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 1 มิถุนายน 2563	หน้า 4 / 7

## 1. วัตถุประสงค์

เพื่อใช้เป็นแนวทางในการปฏิบัติงานที่เกี่ยวข้องกับสารเคมี เพื่อป้องกันอุบัติเหตุอันจะก่อให้เกิดความเสียหายแก่ชีวิตของผู้ปฏิบัติงาน และทรัพย์สินภายใน บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

## 2. ขอบเขต

ใช้เป็นวิธีปฏิบัติงานที่ต้องเกี่ยวข้องกับสารเคมี ภายในโรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (District Cooling System and Power Plant Co., Ltd.)

## 3. คำจำกัดความ

บริษัทฯ หมายถึง บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด หรือ District Cooling System ข้อมูลสารเคมีอันตราย (Safety Data Sheet (SDS) หมายถึง เอกสารที่แสดงข้อมูลของสารเคมีหรือเคมีภัณฑ์เกี่ยวกับลักษณะความเป็นอันตราย พิษ วิธีใช้ การเก็บรักษา การขนส่ง การกำจัดและการจัดการอื่นๆ เพื่อให้การดำเนินการเกี่ยวกับสารเคมีนั้นเป็นไปอย่างถูกต้องและปลอดภัย

## 4. วิธีการปฏิบัติงาน

- 4.1 ผู้ปฏิบัติงานเกี่ยวกับสารเคมีต้องได้รับการฝึกอบรม และศึกษาขั้นตอนการปฏิบัติงานให้เข้าใจ ก่อนการปฏิบัติงาน ศึกษาฉลากที่ภาชนะ และข้อมูลสารเคมีอันตราย(Safety Data Sheet: SDS) ทุกครั้งก่อนการปฏิบัติงานหรือก่อนการใช้สารเคมี
- 4.2 ผู้ปฏิบัติงานเกี่ยวกับสารเคมี ต้องสวมใส่อุปกรณ์ป้องกันอันตรายส่วนบุคคลทุกครั้งในขณะที่ปฏิบัติงานเกี่ยวกับสารเคมี พร้อมทั้งปฏิบัติตามคำเตือน ข้อแนะนำในการใช้สารเคมี และกฎความปลอดภัยที่เกี่ยวข้อง
- 4.3 ปฏิบัติตามวิธีการทำงานเกี่ยวกับสารเคมี ที่กำหนด ดังนี้
  - การเติมสารเคมี 35%HCl และ 50%NaOH ลงใน Storage Tank
  - การจัดการขยะปนเปื้อนสารเคมี
  - Internal & External Backwash Cleaning Cation Resin in Cation Exchanger
  - การเก็บตัวอย่าง Solution ใน Steam Absorption Chiller
  - การระวังป้องกันสารเคมีหกรั่วไหลและการบำบัดในกรณีหกรั่วไหล





บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

District Cooling System and Power Plant Co., Ltd.

## วิธีการปฏิบัติงาน

เรื่อง ความปลอดภัยในการทำงานเกี่ยวกับสารเคมี

**เอกสารควบคุม**

รหัสเอกสาร SI-DCP-02

แก้ไขครั้งที่ 1

วันที่บังคับใช้ 1 มิถุนายน 2563

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- การเปลี่ยน Activated Carbon ใหม่ในอุปกรณ์ Carbon Filter 1A,1B
- การเปลี่ยน Strong Base Anion Resin ในอุปกรณ์ Anion Exchanger 1A,1B
- การทำ External Alkaline Brine Cleaning ของ Strong Base Anion Resin
- การเติม Lithium Molybdate Inhibitor เข้าสู่ HITACHI's Steam Absorption Chiller Model HAU-W-2800S
- การทำ Backwash & Air blow ใน Cation Exchanger 1A,1B
- การวัดค่าความเป็น กรด-ด่าง ( pH ) ของน้ำ
- การวัดค่าความนำไฟฟ้า ( Conductivity ) ของน้ำ
- การวัดค่าความขุ่น ( Turbidity ) ของน้ำ
- การวัดค่าความเป็นด่าง ( Alkalinity ) ของน้ำ
- การวัดค่าความกระด้างทั้งหมด ค่าแคลเซียม และ ค่าแมกนีเซียม ของน้ำ
- การเติมสารเคมีแบบ Shock Dose ในระบบน้ำหล่อเย็น TG Chiller, Steam Turbine (HRC) และ Gas Turbine Auxiliary Cooling
- การขนย้ายและการจัดเก็บสารเคมีในอาคาร Warehouse B
- แนวทางการป้องกันและระงับเหตุฉุกเฉินกรณีสารเคมีหกรั่วไหล

4.4 หัวหน้างาน ต้องควบคุมงานต้อง ตรวจสอบ หรือสังเกตการปฏิบัติงานให้เป็นไปตามวิธีการปฏิบัติงานที่กำหนด

4.5 ห้ามผู้ปฏิบัติงาน รับประทานอาหาร หรือดื่มน้ำขณะปฏิบัติงานเกี่ยวกับสารเคมี

4.6 กรณีที่สัมผัสสารเคมีควรรีบล้างออกทันที โดยรีบไปที่อาบน้ำฉุกเฉิน (Safety Shower) หรือที่ล้างตาฉุกเฉิน (Eye Wash) ที่ทางบริษัทจัดไว้ และรีบนำส่งโรงพยาบาลทันที

4.7 กรณีพบเหตุการณ์สารเคมีหกรั่วไหล ให้รีบปฏิบัติตามแนวทางการป้องกันและระงับเหตุฉุกเฉิน กรณีสารเคมีหกรั่วไหล พร้อมรายงานการเกิดเหตุต่อผู้บังคับบัญชาทันทีและกำจัดตามวิธีที่ระบุใน SDS



 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>วิธีการปฏิบัติงาน เรื่อง ความปลอดภัยในการทำงานเกี่ยวกับสารเคมี <b>เอกสารควบคุม</b></p>		
รหัสเอกสาร SI-DCP-02	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 1 มิถุนายน 2563	หน้า 6 / 7

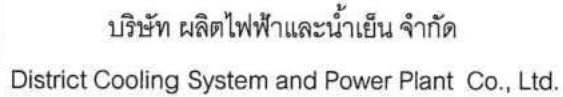
#### 5. เอกสารสนับสนุน

-

#### 6. การจัดเก็บบันทึกคุณภาพ

ลำดับ	ชื่อเอกสาร	รหัส	วิธีการจัดเก็บ	ระยะเวลา	สถานที่จัดเก็บ	ผู้รับผิดชอบ
-	-	-	-	-	-	-





## เอกสารควบคุม

หน้า 7 / 7

[illegible]





## ภาคผนวกที่ 25

เอกสารปฏิบัติต่อข้อร้องเรียน และการสำรวจ  
ความพึงพอใจของลูกค้า




 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>ขั้นตอนการดำเนินงาน เรื่อง การปฏิบัติต่อข้อร้องเรียน และการสำรวจความพึงพอใจของลูกค้า</p> <p style="color: red; font-weight: bold;">เอกสารควบคุม</p>		
รหัสเอกสาร IP-DCP-10	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 3 กรกฎาคม 2563	หน้า 1 / 9

**เอกสารควบคุม**  
**ขั้นตอนการดำเนินงาน**  
**เรื่อง**  
**การปฏิบัติต่อข้อร้องเรียน**  
**และการสำรวจความพึงพอใจของลูกค้า**


จัดทำโดย _____ ชื่อ-สกุล _____ ( ) ตำแหน่ง พนักงานบริหารคุณภาพความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม	วันที่แจกจ่าย <u>- 3 / ก.ค. / 2563</u>
ตรวจสอบโดย _____ ชื่อ-สกุล _____ ตำแหน่ง ผู้จัดการส่วนบริหารองค์กร	
อนุมัติโดย _____ ชื่อ-สกุล _____ ตำแหน่ง ผู้จัดการฝ่ายจัดการธุรกิจ	วันที่มีผลบังคับใช้ <u>- 3 / ก.ค. / 2563</u>



 <p><b>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด</b> District Cooling System and Power Plant Co., Ltd.</p>	<p>ขั้นตอนการดำเนินงาน เรื่อง การปฏิบัติต่อข้อร้องเรียน และการสำรวจความพึงพอใจของลูกค้า</p> <p style="color: red; font-weight: bold;">เอกสารควบคุม</p>		
รหัสเอกสาร IP-DCP-10	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 3 กรกฎาคม 2563	หน้า 2 / 9 <sup>9</sup>

ตารางการแจกจ่ายเอกสารควบคุม			
ประเภท	สำเนาหมายเลข	ชื่อ/ตำแหน่ง/แหล่งข้อมูล	หมายเลขเครื่อง/สถานที่
เอกสารต้นฉบับ	-	เจ้าหน้าที่ควบคุมระบบเอกสารและข้อมูล	สำนักงาน DCAP
Electronic Copy	Copy Files 1	พนักงานบริหารทั่วไป	Server DCAP (ISO) /Central Control Room




 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>ขั้นตอนการดำเนินงาน เรื่อง การปฏิบัติต่อข้อร้องเรียน และการสำรวจความพึงพอใจของลูกค้า</p> <p><b>เอกสารควบคุม</b></p>		
รหัสเอกสาร IP-DCP-10	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 3 กรกฎาคม 2563	หน้า 3 / 9

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 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>ขั้นตอนการดำเนินงาน เรื่อง การปฏิบัติต่อข้อร้องเรียน และการสำรวจความพึงพอใจของลูกค้า</p>		
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## 1. วัตถุประสงค์

- 1.1. เพื่อให้การดำเนินงานเกี่ยวกับการปฏิบัติต่อข้อร้องเรียนของลูกค้า/ผู้มีส่วนได้เสีย/ผู้ได้รับผลกระทบ เป็นไปอย่างมีประสิทธิภาพ และเพื่อให้มั่นใจว่าข้อร้องเรียนในระบบคุณภาพ ความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อมได้รับการจัดการ และแก้ไขอย่างเป็นระบบ
- 1.2. เพื่อสำรวจความพึงพอใจ รวมทั้งความคิดเห็นต่างๆ ของลูกค้า และนำผลสำรวจที่ได้มาใช้เป็นข้อมูลในการกำหนดแนวทางปรับปรุงคุณภาพของผลิตภัณฑ์และบริการ เพื่อให้ลูกค้าเกิดความพึงพอใจสูงสุด


## 2. ขอบเขต

- 2.1 ใช้สำหรับปฏิบัติต่อข้อร้องเรียนของลูกค้า/ผู้มีส่วนได้เสีย/ผู้ได้รับผลกระทบที่เกิดขึ้น ไม่ว่าการร้องเรียนนั้นจะกระทำด้วยวิธีใดก็ตาม และครอบคลุมถึงข้อร้องเรียนในระบบคุณภาพ ความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม เช่น ข้อร้องเรียนผลิตภัณฑ์ไม่เป็นไปตามข้อกำหนด ข้อร้องเรียนปัญหาด้านสิ่งแวดล้อม เป็นต้น
- 2.2 ใช้สำหรับสำรวจความพึงพอใจของลูกค้า ที่รับบริการหรือซื้อผลิตภัณฑ์ต่างๆ ของ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด โดยให้มีการสำรวจความพึงพอใจของลูกค้า ปีละ 1 ครั้ง

## 3. คำจำกัดความ

ลูกค้า	หมายถึง ผู้รับบริการหรือผู้ซื้อผลิตภัณฑ์ต่างๆ ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด
ผลิตภัณฑ์	หมายถึง ไฟฟ้า น้ำเย็น และไอน้ำ
ข้อร้องเรียน	หมายถึง ข้อความที่ลูกค้าหรือผู้ที่ได้รับผลกระทบร้องเรียนด้านสินค้า บริการ รวมทั้งผลกระทบที่เกี่ยวข้องกับระบบคุณภาพ ความปลอดภัย อาชีวอนามัยและสิ่งแวดล้อม เพื่อต้องการให้บริษัทฯ แก้ไขปัญหาหรือผลกระทบที่เกิดขึ้น โดยข้อร้องเรียนจะทำเป็นหนังสือหรือร้องเรียนด้วยวาจาก็ได้ แต่การร้องเรียนด้วยวาจาบริษัทฯ จะต้องมีการบันทึกข้อร้องเรียนนั้นเป็นลายลักษณ์อักษรทุกกรณี ซึ่งข้อร้องเรียนแบ่งเป็น 2 กรณีคือ <ol style="list-style-type: none"> <li>1) <u>ข้อร้องเรียนทั่วไป</u> คือข้อร้องเรียนที่มีผลกระทบอยู่ในระดับต่ำถึงปานกลาง</li> <li>2) <u>ข้อร้องเรียนฉุกเฉิน</u> คือข้อร้องเรียนที่มีผลกระทบอยู่ในระดับสูง และต้องดำเนินการแก้ไขทันที</li> </ol>
ผู้ร้องเรียน	หมายถึง ลูกค้า/ผู้ให้บริการ/ผู้ที่ได้รับผลกระทบ ที่ได้แจ้งข้อร้องเรียนต่อบริษัทฯ



 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>ขั้นตอนการดำเนินงาน เรื่อง การปฏิบัติต่อข้อร้องเรียน และการสำรวจความพึงพอใจของลูกค้า</p>		
รหัสเอกสาร IP-DCP-10	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 3 กรกฎาคม 2563	หน้า 5 / 9

เอกสารควบคุม

#### 4. ขั้นตอนการดำเนินงาน

##### 4.1 การปฏิบัติต่อข้อร้องเรียน

- 4.1.1 ผู้ร้องเรียนแจ้งหรือส่งข้อมูลการร้องเรียนมายัง บริษัทฯ โดยทำเป็นหนังสือ,จดหมายอิเล็กทรอนิกส์, โทรศัพท์ หรือ Application Line เป็นต้น
- 4.1.2 เมื่อบริษัทฯ ได้รับข้อร้องเรียนแล้วให้หน่วยงานที่รับผิดชอบ (ฝ่ายจัดการธุรกิจ หรือฝ่ายวางแผนและควบคุมการผลิต แล้วแต่หัวข้อร้องเรียนในครั้งนั้น) ดำเนินการดังนี้
  - 1) บันทึกข้อมูลลงในแบบรับข้อร้องเรียน (FM-IP-DCP-10-01) พร้อมแนบหนังสือหรือเอกสารการร้องเรียน (ถ้ามี)
  - 2) กรณีเป็นข้อร้องเรียนฉุกเฉิน ให้ตรวจสอบหาสาเหตุเป็นกรณีเร่งด่วน และแจ้งไปยังผู้ร้องเรียนทราบภายใน 24 ชั่วโมง โดยการแจ้งข้อมูลไปยังผู้ร้องเรียนจะแจ้งเป็นหนังสือ, จดหมายอิเล็กทรอนิกส์, โทรศัพท์ หรือ Application Line ก็ได้
  - 3) กรณีเป็นข้อร้องเรียนทั่วไป ให้ตรวจสอบหาสาเหตุ พร้อมแจ้งผู้ร้องเรียนทราบภายใน 7 วันทำการ โดยการแจ้งข้อมูลไปยังผู้ร้องเรียนจะแจ้งเป็นหนังสือ, จดหมายอิเล็กทรอนิกส์, โทรศัพท์ หรือ Application Line ก็ได้
- 4.1.3 ผู้จัดการฝ่ายขึ้นไป (แล้วแต่กรณี) ติดตามการแก้ไขข้อร้องเรียนให้แล้วเสร็จ และรายงานผลการดำเนินงานต่อที่ประชุมฝ่ายบริหารของบริษัทฯ
- 4.1.4 กรณีที่ผลการแก้ไขยังไม่เป็นที่น่าพอใจของผู้ร้องเรียน ให้ดำเนินการตามขั้นตอนการดำเนินงาน (IP-DCP-07) เรื่องการแก้ไขและป้องกัน

##### 4.2 การสำรวจความพึงพอใจของลูกค้า

- 4.2.1 ฝ่ายจัดการธุรกิจ หรือ ผู้ได้รับมอบหมายดำเนินการสำรวจความพึงพอใจของลูกค้า อย่างน้อยปีละ 1 ครั้ง โดยแบบสำรวจความพึงพอใจมีหัวข้อหลักดังนี้
  - 4.2.2.1) ข้อมูลทั่วไปของผู้ตอบแบบสำรวจฯ
  - 4.2.2.2) ความพึงพอใจต่อสินค้าและบริการของ DCAP
- 4.2.2 ฝ่ายจัดการธุรกิจ เมื่อดำเนินการสำรวจความพึงพอใจของลูกค้าแล้วเสร็จ ให้ส่วนวิเคราะห์และพัฒนาธุรกิจ หรือผู้ได้รับมอบหมายนำผลการสำรวจความพึงพอใจมาวิเคราะห์และสรุปผล เพื่อนำเสนอต่อผู้บริหาร DCAP



 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>ขั้นตอนการดำเนินงาน</b> <b>เรื่อง การปฏิบัติต่อข้อร้องเรียน</b> <b>และการสำรวจความพึงพอใจของลูกค้า</b></p>		
<p><b>รหัสเอกสาร IP-DCP-10</b></p>	<p>แก้ไขครั้งที่ 1</p>	<p>วันที่บังคับใช้ 3 กรกฎาคม 2563</p>	<p>หน้า 6 / 9</p>

- 4.2.3 ฝ่ายจัดการธุรกิจ นำผลวิเคราะห์ที่ได้แจ้งให้ผู้เกี่ยวข้องทราบ เพื่อนำไปปรับปรุง แก้ไขการดำเนินงาน
- 4.2.4 กรณีที่ลูกค้ามีข้อร้องเรียนด้านคุณภาพผลิตภัณฑ์ ด้านสิ่งแวดล้อม หรือข้อร้องเรียนอื่นๆ ที่เกี่ยวข้องกับระบบคุณภาพให้ฝ่ายจัดการธุรกิจนำข้อมูลดังกล่าวบันทึกลงในแบบรับข้อร้องเรียน (FM-IP-DCP-10-01) เพื่อดำเนินการตามขั้นตอนข้อ 4.1 ต่อไป
- 4.2.5 ฝ่ายจัดการธุรกิจ หรือผู้ได้รับมอบหมายแจ้งผลหรือรายงานความก้าวหน้าของการแก้ไขปัญหา ให้ลูกค้าทราบ
- 4.2.6 ฝ่ายจัดการธุรกิจ หรือผู้ได้รับมอบหมาย รายงานผลการสำรวจความพึงพอใจของลูกค้า และผลการแก้ไขในที่ประชุมทบทวนโดยฝ่ายบริหาร (IP-DCP-08) ทราบ เพื่อกำหนดแนวทางการปรับปรุงงานต่อไป


## 5. เอกสารสนับสนุน

- 5.1 ขั้นตอนการดำเนินงาน เรื่อง การแก้ไขและป้องกัน (IP-DCP-07)
- 5.2 ขั้นตอนการดำเนินงาน เรื่อง การทบทวนโดยฝ่ายบริหาร (IP-DCP-08)
- 5.3 ตามขั้นตอนการดำเนินงานเรื่องการ ติดต่อสื่อสาร (IP-DCP-14)

## 6. เอกสารบันทึกคุณภาพ

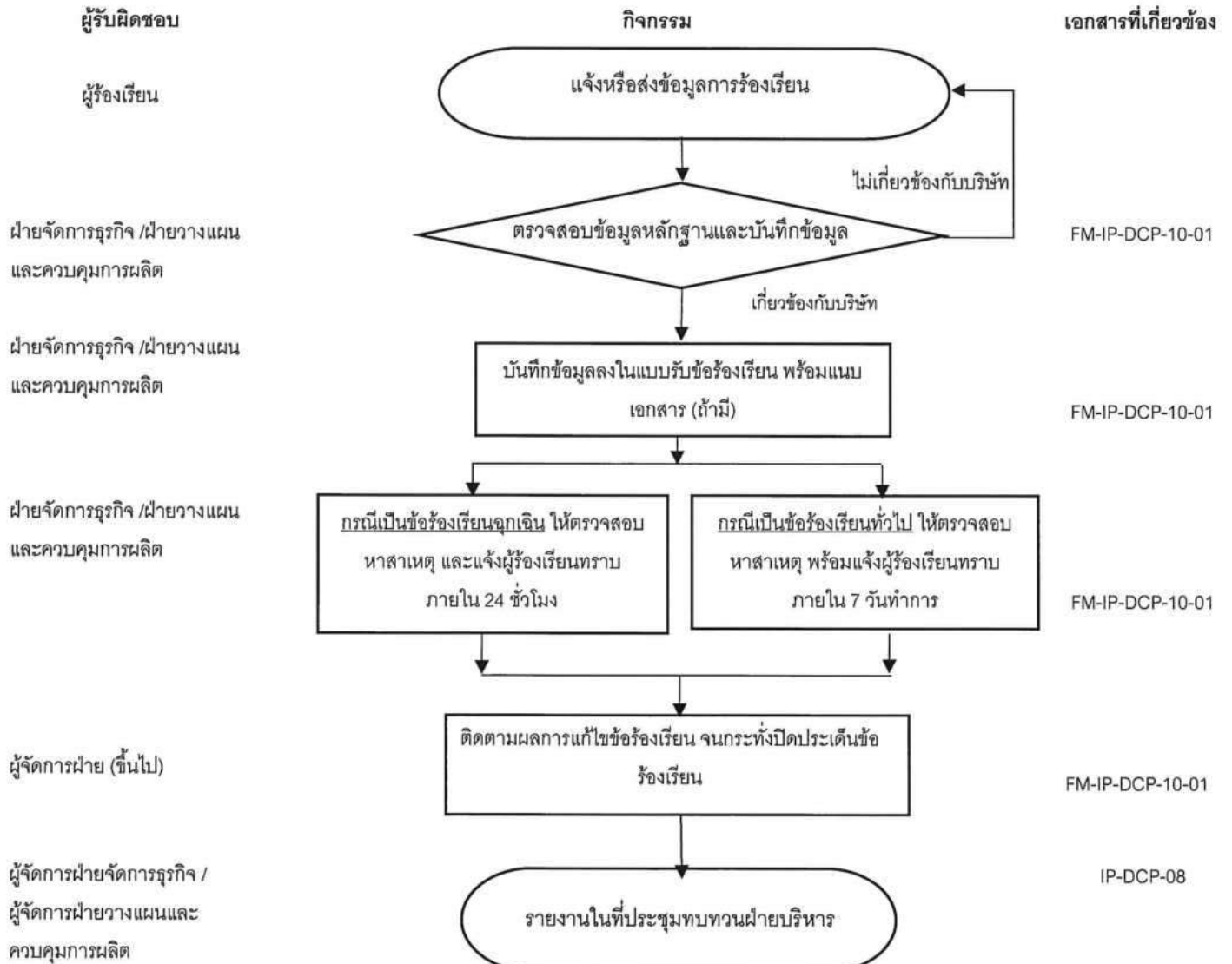
ลำดับ	ชื่อเอกสาร	รหัส	วิธีการจัดเก็บ	ระยะเวลา	สถานที่จัดเก็บ	ผู้รับผิดชอบ
1	แบบรับข้อร้องเรียน	FM-IP-DCP-10-01	เรียงตามลำดับ วันที่	5 ปี	สำนักงาน DCAP	ฝ่ายจัดการธุรกิจ
2	แบบสำรวจความพึง พอใจของลูกค้า	-	เรียงตามลำดับ ปี	5 ปี	สำนักงาน DCAP	ฝ่ายจัดการธุรกิจ




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รหัสเอกสาร IP-DCP-10	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 3 กรกฎาคม 2563	หน้า 7 / 9

## 7. แผนผังการดำเนินงาน

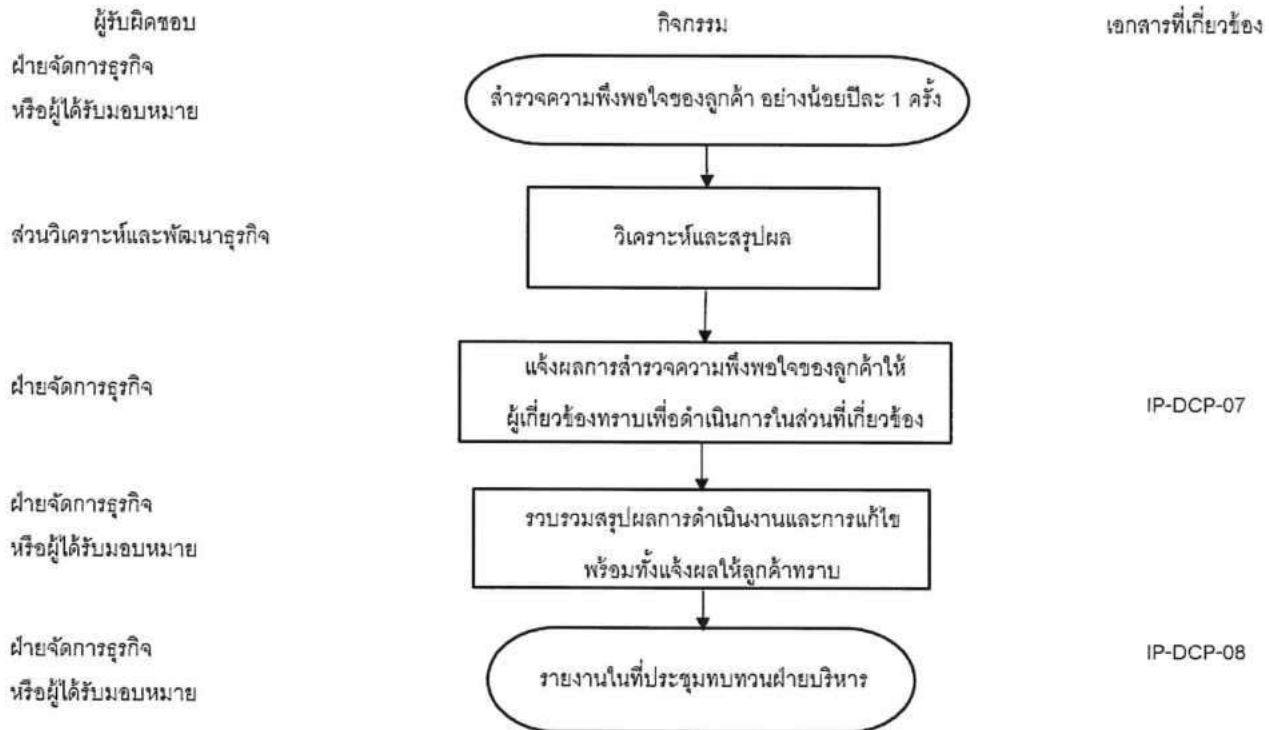
### 7.1 การปฏิบัติต่อข้อร้องเรียน






 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>ขั้นตอนการดำเนินงาน เรื่อง การปฏิบัติต่อข้อร้องเรียน และการสำรวจความพึงพอใจของลูกค้า</p> <p style="color: red; font-weight: bold; font-size: 1.2em;">เอกสารควบคุม</p>		
รหัสเอกสาร IP-DCP-10	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 3 กรกฎาคม 2563	หน้า 8 / 9

## 7.2 การสำรวจความพึงพอใจของลูกค้า





 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p>ขั้นตอนการดำเนินงาน เรื่อง การปฏิบัติต่อข้อร้องเรียน และการสำรวจความพึงพอใจของลูกค้า</p> <p style="color: red; font-weight: bold;">เอกสารควบคุม</p>		
รหัสเอกสาร IP-DCP-10	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 3 กรกฎาคม 2563	หน้า 9 / 9

### ตารางการแก้ไขเอกสารควบคุม

แก้ไขครั้งที่	วันที่มีผลบังคับใช้	หน้า	สาระสำคัญที่แก้ไข
0	2 สิงหาคม 2560	ทุกหน้า	ทบทวนและปรับปรุงเอกสารจาก QP-DCP-10 เป็น IP-DCP-10 และประกาศใช้งานเอกสารใหม่
1	3 กรกฎาคม 2563	หน้า 5-6	<p>1) ปรับปรุง ข้อ 3 นิยาม "ข้อร้องเรียน"</p> <p>1) ปรับปรุงข้อ 4.1 ขั้นตอนการจัดการข้อร้องเรียน ดังนี้</p> <ul style="list-style-type: none"> <li>- เพิ่มช่องทางการรับข้อร้องเรียน</li> <li>- ระบุหน่วยงานที่รับผิดชอบให้ชัดเจน</li> <li>- ระบุระยะเวลาการตรวจสอบสาเหตุและแจ้งข้อมูลให้ผู้ร้องเรียนทราบ</li> </ul> <p>2) ปรับปรุงขั้นตอนการสำรวจความพึงพอใจของลูกค้าดังนี้</p> <ul style="list-style-type: none"> <li>- ข้อ 4.2.1 ยกเลิกการจัดทำแผนการสำรวจความพึงพอใจประจำปี และเพิ่มข้อความ "ดำเนินการสำรวจความพึงพอใจของลูกค้า อย่างน้อยปีละ 1 ครั้ง"</li> <li>- ข้อ 4.2.2 แก้ไขผู้รับผิดชอบในการวิเคราะห์ข้อมูลจากพนักงานวิเคราะห์และวางแผน เป็น ส่วนวิเคราะห์และพัฒนาธุรกิจหรือผู้ได้รับมอบหมาย</li> </ul>

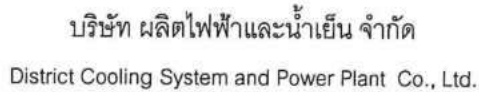




## ภาคผนวกที่ 26

แนวทางการป้องกันและระงับเหตุฉุกเฉิน  
กรณีสารเคมีหกรั่วไหล






เรื่อง แนวทางการป้องกันและระงับเหตุฉุกเฉิน  
กรณีสารเคมีหกรั่วไหล


หน้า 1 / 10



 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;"><b>วิธีการปฏิบัติงาน</b> <b>เรื่อง แนวทางการป้องกันและระงับเหตุฉุกเฉิน</b> <b>กรณีสารเคมีหกรั่วไหล</b></p>		
รหัสเอกสาร II-DCP-03	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 17 มิถุนายน 2565	หน้า 2 / 10

ตารางการแจกจ่ายเอกสารควบคุม			
ประเภท	สำเนาหมายเลข	ชื่อ/ตำแหน่ง/แหล่งข้อมูล	หมายเลขเครื่อง/สถานที่
เอกสารต้นฉบับ	-	เจ้าหน้าที่ควบคุมระบบเอกสารและข้อมูล	สำนักงาน DCAP
Hard Copy	สำเนาหมายเลข 1	คกบผ.	สำนักงาน คกบผ.
Electronic Copy	Copy Files 1	พนักงานบริหารทั่วไป/IT	Server DCAP (ISO) /Central Control Room
Electronic Copy	Copy Files 2	เจ้าหน้าที่ควบคุมระบบเอกสารและข้อมูล (คกบผ.)	สำนักงาน คกบผ.




 <p>บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;"><b>วิธีการปฏิบัติงาน</b> <b>เรื่อง แนวทางการป้องกันและระงับเหตุฉุกเฉิน</b> <b>กรณีสารเคมีหกรั่วไหล</b></p>		
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### 1. วัตถุประสงค์

- 1.1 เพื่อเป็นแนวทางในการรองรับ เตรียมความพร้อมและตอบโต้เหตุฉุกเฉินกรณีสารเคมีหกรั่วไหล
- 1.2 เพื่อเป็นการป้องกันการสูญเสียชีวิต และทรัพย์สินจากเหตุฉุกเฉินกรณีสารเคมีหกรั่วไหล
- 1.3 เพื่อสร้างความมั่นใจในเรื่องความปลอดภัยต่อพนักงานกรณีสารเคมีหกรั่วไหล
- 1.4 เพื่อเป็นแนวทางในการฟื้นฟูสถานที่เกิดเหตุหลังเกิดภาวะฉุกเฉินสารเคมีหกรั่วไหล

### 2. ขอบเขต

แนวทางการป้องกันและระงับเหตุฉุกเฉินกรณีสารเคมีหกรั่วไหลนี้ ครอบคลุมพื้นที่กระบวนการผลิตและจำหน่ายไฟฟ้า ไอน้ำและน้ำเย็น ของ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

### 3. คำจำกัดความ


**DCAP** หมายถึง บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด หรือ District Cooling System and Power Plant Co., Ltd.

**คกบผ.** หมายถึง โครงการธุรกิจเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

**สารเคมี** หมายถึง สารประกอบหรือสารผสม ซึ่งอยู่ในสถานะของแข็ง ของเหลว หรือก๊าซ ที่มีลักษณะอย่างใดอย่างหนึ่ง หรือหลายอย่าง ดังต่อไปนี้

- |  |                       |
|--|-----------------------|
| - วัตถุระเบิด                            | - ก๊าซ                |
| - ของเหลวไวไฟ                            | - ของแข็งไวไฟ         |
| - สารพิษและสารติดเชื้อ                   | - วัตถุถุกัมมันตรังสี |
| - สารกัดกร่อน                            | - สารอันตรายเบ็ดเตล็ด |
| - สารออกซิไดซ์และสารอินทรีย์เปอร์ออกไซด์ |                       |



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#### 4. แนวทางการป้องกันและระงับเหตุฉุกเฉินกรณีสารเคมีหกรั่วไหล

##### 4.1 การเตรียมพร้อมในสถานการณ์ปกติ

ให้หน่วยงานหรือพนักงานที่มีการทำงานเกี่ยวกับสารเคมีและมีโอกาสเกิดภาวะฉุกเฉิน สารเคมีหกรั่วไหล ดำเนินงานดังต่อไปนี้


- 4.1.1 จัดให้พนักงานที่ปฏิบัติงานเกี่ยวกับสารเคมีได้รับการอบรมที่เหมาะสมตามวิธีการทำงาน
- 4.1.2 จัดให้มีอุปกรณ์ป้องกันภัยส่วนบุคคล และวัสดุดูดซับตามชนิดของสารเคมีที่นำมาใช้อย่างเพียงพอและเหมาะสม พร้อมกันตรวจสอบความพร้อมตามระยะเวลาที่กำหนด
- 4.1.3 จัดให้มีการนำข้อมูลความปลอดภัยเกี่ยวกับสารเคมี (MSDS) ติดตั้งในจุดที่เหมาะสมกับการใช้สารเคมีดังกล่าว
- 4.1.4 ให้ปฏิบัติตาม ขั้นตอนการดำเนินงานเรื่อง แนวทางการจัดการสารเคมี (IP-DCP-18)
- 4.1.5 นักเคมี คกผบ. จัดทำแผนพร้อมบันทึกผลการตรวจสอบการรั่วไหลของสารเคมีเป็นประจำทุกเดือน
- 4.1.6 DCAP และ คกผบ. จัดให้มีการฝึกซ้อมเหตุการณ์สารเคมีหกรั่วไหล อย่างน้อยปีละ 1 ครั้ง

##### 4.2 การดำเนินงานขณะเกิดเหตุสารเคมีหกรั่วไหล

###### 4.2.1 ผู้พบเห็นเหตุการณ์ให้ดำเนินการดังต่อไปนี้

- (1) ดำเนินการแจ้งเหตุขอความช่วยเหลือ ดังนี้
  - ในเวลาทำการ ให้แจ้งหัวหน้างานและเจ้าหน้าที่ความปลอดภัย คกผบ. ทราบ เพื่อประเมินสถานการณ์และดำเนินการต่อไป
  - นอกเวลาทำการและวันหยุด ให้แจ้งหัวหน้างานหรือหัวหน้ากะเดินเครื่อง คกผบ. ที่อยู่ในพื้นที่ทราบเพื่อประเมินสถานการณ์และดำเนินการต่อไป
  - กรณีมีผู้บาดเจ็บให้ติดต่อเจ้าหน้าที่ความปลอดภัย คกผบ. หรือผู้จัดการฝ่าย หรือหัวหน้างานที่เกี่ยวข้อง
- (2) ออกจากพื้นที่เกิดเหตุในระยะที่ปลอดภัย โดยต้องอยู่เหนือลมและไม่ควรคิดว่าที่เกิดเหตุไม่มีกลิ่นหรือไอระเหยของสารเคมี



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(3) รายละเอียดการแจ้งเหตุ ให้ระบุเหตุการณ์โดยการสังเกตการณ์จากภายนอกที่พอมองเห็น

- สถานที่และจุดที่เกิดเหตุ
- ประเภทสารเคมีและลักษณะการรั่วไหล
- ปริมาณการหกและผลกระทบโดยรอบที่เกิดเหตุ
- ผู้ได้รับบาดเจ็บ (ถ้ามี)
- ชื่อผู้แจ้งเหตุและหน่วยงาน

4.2.2 ผู้ได้รับแจ้งเหตุ เมื่อได้รับแจ้งให้ดำเนินการ ต่อไปนี้

(1) การตรวจสอบสถานที่เกิดเหตุและประเมินอันตราย

- ไปยังจุดเกิดเหตุ ตรวจสอบพื้นที่และประเมินสถานการณ์ พร้อมกับตรวจสอบข้อมูล MSDS ของสารเคมีที่รั่วไหลและสารเคมีอื่นๆ บริเวณใกล้เคียงกัน

(2) การควบคุมพื้นที่

- กั้นพื้นที่บริเวณสารเคมีรั่วไหล เช่น การใช้เชือกกั้น และติดป้ายเตือนไว้ด้านหน้าจุดเกิดเหตุ เพื่อห้ามไม่ให้ผู้ที่ไม่มีส่วนเกี่ยวข้องเข้าพื้นที่
- แจ้งผู้ที่อยู่ในบริเวณใกล้เคียงและอพยพถ้าจำเป็น


(3) การควบคุมสถานการณ์

- ให้สวมอุปกรณ์ป้องกันอันตรายส่วนบุคคลที่เหมาะสม ก่อนเข้าไปดำเนินการและห้ามสัมผัสสารเคมีใดๆ โดยไม่มีอุปกรณ์ป้องกันอันตรายส่วนบุคคล
- กรณีที่มีการระเหยของสารเคมีไวไฟ ห้ามทำให้เกิดประกายไฟให้เร่งดำเนินการตัดระบบไฟฟ้าและควบคุมแหล่งกำเนิดความร้อน (เช่น บุหรือประกายไฟ เปลวไฟ) ทุกชนิด
- ระบายอากาศบริเวณที่สารเคมีหกรั่วไหล

(4) ค้นหา และช่วยเหลือผู้บาดเจ็บ

- ตรวจสอบบริเวณโดยรอบว่ามีผู้บาดเจ็บหรือไม่ หากมีต้องเร่งช่วยเหลือผู้บาดเจ็บออกจากพื้นที่ (ตามวิธีการใน MSDS) ทั้งนี้ต้องประเมินอันตรายก่อนเข้าดำเนินการ



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(5) หยุดการรั่วไหลและระงับการแพร่กระจาย


- ระงับการรั่วไหลของสารเคมีที่ต้นเหตุ เช่น ปิดวาล์ว ท่อ (หากสามารถทำได้)
- ป้องกันการแพร่กระจายสู่รางน้ำฝนหรือพื้นดิน โดยใช้วัสดุดูดซับสารเคมี ทำเป็นคั่นกันรอบบริเวณสารเคมีที่หกรั่วไหล แล้วจึงทยอยใช้วัสดุดูดซับสารเคมี ดูดซับสารเคมีในบริเวณดังกล่าว
- กรณีที่ไม่สามารถจัดเก็บวัสดุดูดซับสารเคมี ได้ทันทีให้คลุมด้วยผ้าพลาสติก เพื่อลดการแพร่กระจาย หรือป้องกันการชะล้างของน้ำฝน

#### 4.3 การดำเนินงานหลังเกิดเหตุสารเคมีหกรั่วไหล

##### 4.3.1 การทำความสะอาด

- 1) กรณีที่เป็นของเหลว ให้รอจนการดูดซับหรือทำลายฤทธิ์สารเคมีที่หกรั่วไหล ลื่นสุดเสียก่อนจึงค่อยลงมือทำความสะอาด โดยใช้ฟลัตต์กสารดูดซับ ใส่ภาชนะที่จัดเตรียมไว้และปิดให้มิดชิด แล้วทำความสะอาดคราบที่เหลือจนแน่ใจว่าสารเคมีนั้นหมดไป จึงทำความสะอาดและเช็ดให้แห้ง (ห้ามใช้น้ำล้าง ก่อนการดูดซับเพราะจะทำปริมาณของสารเคมีหกรั่วไหลมีมากขึ้น)
- 2) กรณีเป็นของแข็ง ให้ทำความสะอาดด้วยเครื่องดูดฝุ่นหรือกวาด อาจใช้ทราย ขึ้นคลุกแล้วใช้ฟลัตต์กกวาดพื้นด้วยแปรง และทำความสะอาด
- 3) ข้อควรระวังเกี่ยวกับสารเคมีไวไฟ ต้องป้องกันมิให้เกิดประกายไฟขึ้น ในระหว่างการทำทำความสะอาด และจัดให้มีระบบการถ่ายเทของอากาศที่ดี โดยการเปิดประตู เพื่อเจือจางไอระเหยสารเคมี หากจำเป็นต้องใช้พัดลมช่วยระบายอากาศ ต้องเลือกใช้อุปกรณ์ที่ไม่ก่อให้เกิดประกายไฟ
- 4) กรณีสารเคมีไหลลงรางน้ำฝน ให้ปิดกันโดยใช้ทรายและเปิดประตูระบายน้ำ และดูดซับสารด้วยวัสดุดูดซับ
- 5) กรณีสารเคมีหกรั่วไหลลงสู่พื้นดิน ให้ทำการขุดดินบริเวณที่สารเคมีหกรั่วไหล ใส่ภาชนะให้เรียบร้อย แล้วส่งไปจัดเก็บ ณ จุดที่กำหนดและแจ้งผู้รับผิดชอบ เพื่อบรรจุส่งไปกำจัดภายนอกต่อไป



 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b></p> <p style="text-align: center;"><b>วิธีการปฏิบัติงาน</b> <b>เรื่อง แนวทางการป้องกันและระงับเหตุฉุกเฉิน</b> <b>กรณีสารเคมีหกรั่วไหล</b></p>		
รหัสเอกสาร II-DCP-03	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 17 มิถุนายน 2565	หน้า 8 / 10

#### 4.3.2 การกำจัดของเสีย

- 1) ของเสียที่เป็นของแข็ง/เหลว ให้บรรจุในภาชนะที่ปิดมิดชิด พร้อมกับติดฉลาก/ป้ายบ่งชี้ไว้ที่ภาชนะบรรจุให้ชัดเจน ส่งไปจัดเก็บ ณ จุดที่กำหนดและแจ้งผู้รับผิดชอบ เพื่อบรรจุส่งไปกำจัดภายนอกตามกฎหมายต่อไป
- 2) วัสดุดูดซับและวัสดุอื่นๆ ที่ใช้ในการดูดซับสารเคมีหลังจากใช้งานแล้วให้ใส่ภาชนะหรือถุงปิดให้มิดชิด พร้อมกับติดฉลาก/ป้ายบ่งชี้ไว้ที่ภาชนะบรรจุให้ชัดเจน และส่งไปจัดเก็บ ณ จุดที่กำหนดและแจ้งผู้รับผิดชอบเพื่อบรรจุส่งไปกำจัดภายนอกตามกฎหมายต่อไป

#### 4.3.3 การตรวจสอบความเสียหาย และการสอบสวน

การตรวจสอบความเสียหาย และการสอบสวนเพื่อหาสาเหตุ ของเหตุการณ์ที่เกิดขึ้นนั้น โดยโดยผู้จัดการฝ่ายวางแผนและควบคุมการผลิต หรือผู้ได้รับมอบหมาย ร่วมกับเจ้าหน้าที่ คกบผ.

#### 4.3.4 การติดตามและช่วยเหลือผู้ประสบเหตุ

การติดตามและช่วยเหลือผู้ประสบอันตรายจากสารเคมีหกรั่วไหล โดยผู้จัดการฝ่ายจัดการธุรกิจ หรือผู้ได้รับมอบหมาย

#### 4.3.5 การตรวจสอบสภาพทางสิ่งแวดล้อม


การตรวจสอบสภาพทางสิ่งแวดล้อม และบำบัดมลพิษที่ตกค้าง โดยผู้จัดการฝ่ายวางแผนและควบคุมการผลิต หรือผู้ได้รับมอบหมาย ร่วมกับเจ้าหน้าที่ คกบผ.

### 5. เอกสารสนับสนุน

- 5.1 ขั้นตอนการดำเนินงานเรื่อง แนวทางการจัดการสารเคมี (IP-DCP-18)

### 6. แผนผังขั้นตอนการดำเนินงาน




 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: center;"><b>เอกสารควบคุม</b> <b>วิธีการปฏิบัติงาน</b> <b>เรื่อง แนวทางการป้องกันและระงับเหตุฉุกเฉิน</b> <b>กรณีสารเคมีหกรั่วไหล</b></p>		
รหัสเอกสาร II-DCP-03	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 17 มิถุนายน 2565	หน้า 9 / 10

## 7. เอกสารบันทึกคุณภาพ

ลำดับ	ชื่อเอกสาร	รหัส	วิธีการจัดเก็บ	ระยะเวลา	สถานที่จัดเก็บ	ผู้รับผิดชอบ
1	แผนการฝึกซ้อม เหตุการณ์สารเคมีหก รั่วไหล	-	เรียงตามปี	3 ปี	สำนักงาน DCAP	จป./QSHE
2	บันทึกผลการฝึกซ้อม เหตุการณ์สารเคมีหก รั่วไหล	-	เรียงตามปี	3 ปี	สำนักงาน DCAP	จป./QSHE
3	บันทึกผลการตรวจสอบ การรั่วไหลของสารเคมี ประจำเดือน	-	เรียงตามปี	3 ปี	สำนักงาน คกบผ.	นักเคมี



 <p><b>DCAP</b> บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด District Cooling System and Power Plant Co., Ltd.</p>	<p style="text-align: right;"><b>เอกสารควบคุม</b> <b>วิธีการปฏิบัติงาน</b> <b>เรื่อง แนวทางการป้องกันและระงับเหตุฉุกเฉิน</b> <b>กรณีสารเคมีหกรั่วไหล</b></p>		
รหัสเอกสาร II-DCP-03	แก้ไขครั้งที่ 1	วันที่บังคับใช้ 17 มิถุนายน 2565	หน้า 10 / 10

### ตารางการแก้ไขเอกสารควบคุม

แก้ไขครั้งที่	วันที่มีผลบังคับใช้	หน้า	สาระสำคัญที่แก้ไข
0	24 ตุลาคม 2560	ทุกหน้า	<ul style="list-style-type: none"> <li>- เพิ่มการ ขั้นตอนการดำเนินงานเรื่อง แนวทางการจัดการสารเคมี (IP-DCP-18)</li> <li>- เพิ่มให้มีการฝึกซ้อมเหตุการณ์สารเคมีหกรั่วไหล อย่างน้อยปีละ 1 ครั้ง</li> <li>- เพิ่มให้มีบันทึกคุณภาพ</li> <li>- ทบทวนเอกสารและปรับปรุงเอกสารจากเดิม EI-DCP-03 และประกาศใช้งานเอกสารใหม่ เป็น II-DCP-03 เพื่อเป็นการ Integrate เอกสารและเพื่อให้สอดคล้องตาม ข้อกำหนด ISO 14001:2015 ข้อ 8.2 และข้อกำหนด มอก.18001:2554 ข้อ 4.4.7</li> </ul>
1	17 มิถุนายน 2565	ทุกหน้า	<p>ทบทวนเอกสารและปรับปรุงเอกสาร ดังนี้</p> <ul style="list-style-type: none"> <li>- ปรับขอบเขตให้ครอบคลุมพื้นที่โรงไฟฟ้าหน่วยผลิตน้ำเย็นของ DCAP ตามการดำเนินงานในปัจจุบัน</li> <li>- ข้อ 4.1 เพิ่มเติม "นักเคมี คกผบ. จัดทำแผนพร้อมบันทึกผลการตรวจสอบการรั่วไหลของสารเคมีเป็นประจำทุกเดือน"</li> <li>- ปรับปรุงหน้าที่และความรับผิดชอบฯ เพื่อให้สอดคล้องกับคำสั่งของ DCAP ปัจจุบัน</li> </ul>





## ภาคผนวกที่ 27

คู่มือวิธีการปฏิบัติงานเกี่ยวกับการทำงาน  
ระบบฉีดน้ำดับเพลิง





# รองผู้ว่าการธุรกิจผลิตไฟฟ้า คู่มือวิธีปฏิบัติงาน

## WORK INSTRUCTION

### เรื่องขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK (ใช้เฉพาะ คกบผ.)

รหัสเอกสาร : WI- 062 / QP-DCAP-15)

แก้ไขครั้งที่ : 01

วันที่บังคับใช้ : 20 / 10 / 2556

หน้า : 1/12

สำเนาที่ :

จัดทำโดย

(ว่าที่ ร.ต. ประหยัด เถาปัญญา)

ตำแหน่ง ข้าราชการระดับ 7. หมวดเดินเครื่องที่ 3

โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น

บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

วันที่ 20 / 10 / 2556

ทบทวนโดย

(นายพงษ์ศิริ เจริญลาภ)

ตำแหน่ง หัวหน้าหมวดเดินเครื่องที่ 3

โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น

บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

วันที่ 20/10 / 2556

อนุมัติโดย

(นายประจักษ์ เหล่าพรหมสุคนธ์)

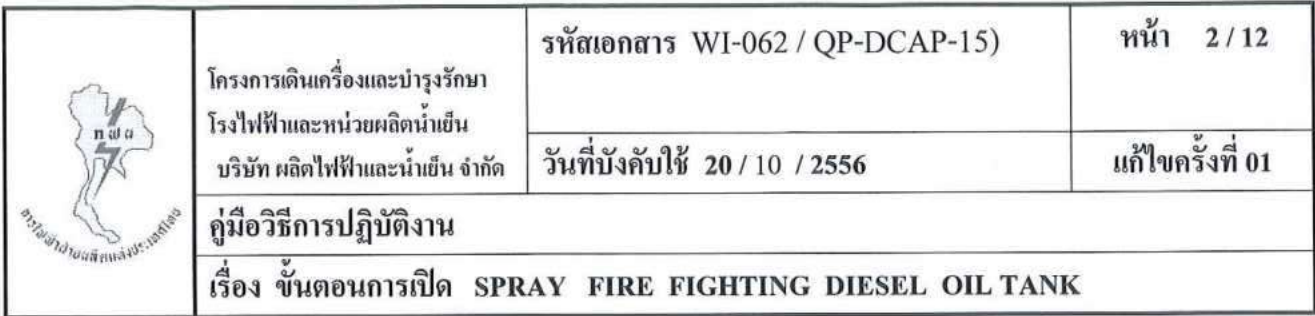
ตำแหน่ง หัวหน้าโครงการเดินเครื่องและบำรุงรักษา

โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น


บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

วันที่ 20 / 10 / 2556



[illegible]



 กรมส่งเสริมการค้าระหว่างประเทศ	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-062 / QP-DCAP-15)	หน้า 3 / 12
		วันที่บังคับใช้ 20 / 10 / 2556	แก้ไขครั้งที่ 01
	คู่มือวิธีการปฏิบัติงาน		
	เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK		

## 1. วัตถุประสงค์

- 1.1 เพื่อให้สามารถนำไปปฏิบัติได้อย่างถูกวิธี และเป็นไปได้อย่างมีประสิทธิภาพ
- 1.2 เพื่อป้องกันมิให้เกิดความผิดพลาด ซึ่งอาจจะมีผลกระทบต่ออุปกรณ์ และ ทรัพย์สิน เสียหายได้

## 2. อุปกรณ์และเครื่องมือ

- 2.1 ประแจ F ไว้สำหรับเปิด , ปิด Valve
- 2.2 อุปกรณ์สื่อสารต่างๆ เช่น Walkie – Talkie , Inter-Com
- 2.3 ไฟส่องสว่าง เช่น ไฟฉาย
- 2.4 อุปกรณ์ป้องกันอันตรายส่วนบุคคล

## 3. วัสดุที่ใช้

## 4. หน้าที่รับผิดชอบ

- 4.1 พนักงานเดินเครื่องด้าน Local HRSG & Steam Turbine ที่ปฏิบัติงานกะ
- 4.2 ผู้จัดการหมวดเดินเครื่อง / วิศวกรประจำกะที่ปฏิบัติงานกะ กำกับดูแลช่วยเหลือให้กระบวนการต่างๆเป็นไปตามแผนการที่กำหนด

## 5. หลักการทำงานของ Deluge Valve


### ระบบ Fire Fighting ของ Diesel Oil Tank มี 2 ระบบ

1. ระบบใช้น้ำในการฉีดดับเพลิงตั้งแต่บนถัง และรอบถัง Oil Tank
2. ระบบใช้น้ำกับโฟมผสมกันโดยฉีดเข้าไปภายในถัง Oil Tank

### ระบบการใช้น้ำดับเพลิงจะทำงานได้ 3 กรณีดังนี้คือ

1. กรณีที่เกิดไฟไหม้ขึ้นที่ Oil Tank อุณหภูมิความร้อนบริเวณนั้นจะไปทำให้หลอดแก้ววัดอุณหภูมิแตก (179° F, 79° C) น้ำที่กด Diaphragm ด้านบนของ Deluge Valve ก็จะถูก Drain ทิ้งที่หลอดแก้ววัดอุณหภูมิ จึงทำให้แรงดันของน้ำด้านล่างของ Deluge Valve สูงกว่าจึงดันให้ Diaphragm ยกตัวขึ้นจึงทำให้น้ำไหลออกไปทางหัว Nozzle Spray ที่อยู่บนถังและรอบๆถัง
2. เปิด Manual Spray Drain Valve ที่ Local จะทำให้น้ำที่กด Diaphragm ด้านบนของ Deluge Valve ถูก Drain ทิ้งจึงทำให้แรงดันของน้ำด้านล่างของ Deluge Valve สูงกว่าจึงดันให้ Diaphragm ยกตัวขึ้นจึงทำให้น้ำไหลออกไปทางหัว Nozzle Spray ที่อยู่บนถังและรอบๆถัง
3. โดยส่งกดปุ่มที่ Box Control ที่ห้อง Control Room CCR ซึ่งจะส่งสัญญาณไปสั่งเปิด Solenoid Drain



 กรมส่งเสริมการค้าระหว่างประเทศ	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-062 / QP-DCAP-15)	หน้า 4 / 12
		วันที่บังคับใช้ 20 / 10 / 2556	แก้ไขครั้งที่ 01
	คู่มือวิธีการปฏิบัติงาน		
	เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK		

Valve ที่อยู่ Local ซึ่งจะทำให้ น้ำที่กัก Diaphragm ด้านบนของ Deluge Valve ถูก Drain ออกไปจึงทำให้ Press. ด้านล่างของ Deluge Valve สูงกว่า จึงไปดัน Diaphragm ของ Deluge Valve ยกตัวขึ้นจึงทำให้น้ำไหลออกไปทางหัว Nozzle Spray ที่อยู่บนถังและรอบๆถัง

### ระบบการใช้โฟม (FOAM) ในการดับเพลิง

1. กรณีที่เกิดไฟไหม้น้ำมันขึ้นที่ Oil Tank เราสามารถใช้โฟมผสมกับน้ำใช้ในการดับเพลิงได้ โดยจะมีถังโฟมขนาด 379 ลิตร ตั้งอยู่ใกล้ๆกับ Deluge Valve ซึ่งระบบโฟมจะถูกฉีดพ่นเข้าไปภายในถัง Oil Tank
2. ระบบการใช้โฟมในการดับเพลิงสามารถใช้ Manual เปิด Valve ได้อย่างเดียวโดยการเปิด Valve 1FPA-BV-0042 , 1FPA-BV-0043 , 1FPA-BV-0044 , 1FPA-BV-0045 ตามลำดับ

## 6. ขั้นตอนการปฏิบัติงาน

### 6.1 ขั้นตอนการสั่งเปิดระบบ Fire Fighting Diesel Oil Tank ที่ Local

1. เปิดฝาครอบของ Manual Spray Drain Valve ที่ Local ออก
2. เปิด Manual Spray Drain Valve โดยดึงคันโยก Valve ลงด้านล่าง เพื่อระบายน้ำที่ไปกัก Diaphragm ด้านบนของ Deluge Valve ถูก Drain ออกไปจึงทำให้ Press. ด้านล่างของ Deluge Valve สูงกว่า จึงไปดัน Diaphragm ของ Deluge Valve ยกตัวขึ้นจึงทำให้น้ำไหลออกไปทางหัว Nozzle Spray ที่อยู่บนถังและรอบๆถัง


### 6.2 ขั้นตอนการสั่งเปิดระบบ Fire Fighting Diesel Oil Tank ที่ Control Room

1. กรณีที่เกิดเพลิงไหม้ที่ Diesel Oil Tank สามารถกดปุ่ม Spray ที่ Box Control ที่อยู่ในห้อง Control Room ซึ่งจะมีสัญญาณไปสั่งเปิด Solenoid Drain Valve ที่อยู่ Local ซึ่งจะให้ น้ำที่กัก Diaphragm ด้านบนของ Deluge Valve ถูก Drain ออกไปจึงทำให้ Press. ด้านล่างของ Deluge Valve สูงกว่า จึงไปดัน Diaphragm ของ Deluge Valve ยกตัวขึ้นจึงทำให้น้ำไหลออกไปทางหัว Nozzle Spray ที่อยู่บนถังและรอบๆถัง

### 6.3 ขั้นตอนการเปิดระบบโฟม (Foam) ใช้งานกรณีเกิดเพลิงไหม้ Diesel Oil Tank เท่านั้น

1. เปิด Valve 1FPA-BV-0042 Water Supply Valve
2. เปิด Valve 1FPA-BV-0043 Bladder Tank Valve
3. เปิด Valve 1FPA-BV-0044 Line Foam Outlet
4. เปิด Valve 1FPA-BV-0045 Foam Water Mixing Valve



	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-062 / QP-DCAP-15)	หน้า 5 / 12
		วันที่บังคับใช้ 20 / 10 / 2556	แก้ไขครั้งที่ 01
	<b>คู่มือวิธีการปฏิบัติงาน</b> <b>เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK</b>		


#### 6.4 ขั้นตอนการนำระบบ Fire Fighting Diesel Oil Tank เข้าใช้งานตามปกติ

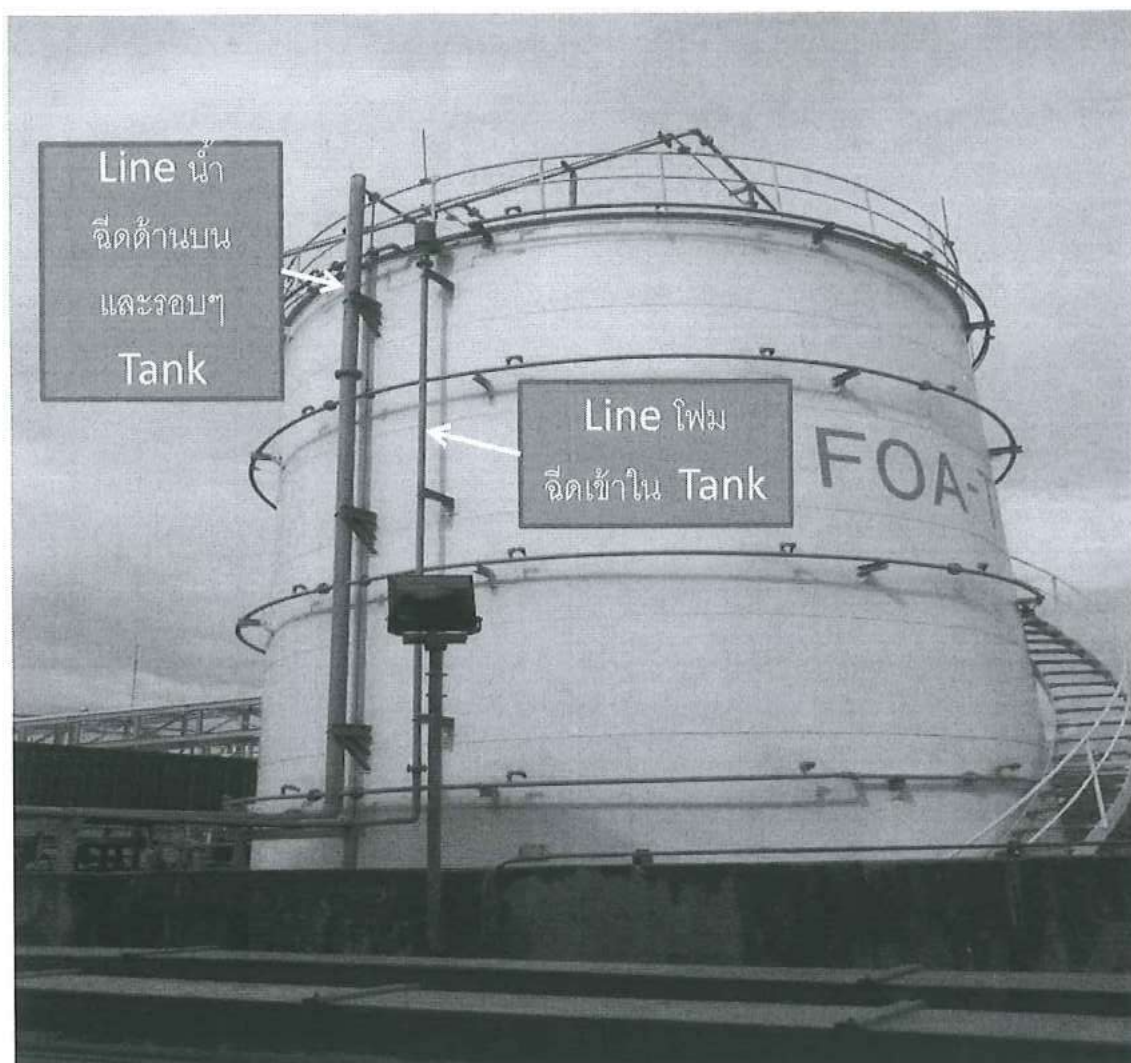
1. ปิด Valve Water Supply 1FPA-BV-0041 และ ปิด Valve Line น้ำที่ไปกดปิด Deluge Valve และ Line น้ำที่ไป Temp Sensor หลอดแก้ว
2. เปิด Manual Drain Valve โดยกดคันโยกลง เพื่อเปิด Drain Press. ใน Line ให้หมด
3. กดปุ่ม Reset สีดำให้สุดเพื่อให้ Deluge Valve ปิด
4. ปิด Manual Drain Valve โดยกดคันโยกขึ้น
5. เปิด Valve Line น้ำที่ไปกดปิด Deluge Valve
6. เปิด Valve Water Supply 1FPA-BV-0041

#### 6.5 ขั้นตอนการนำระบบโฟม (Foam ) Diesel Oil Tank เข้าใช้งานตามปกติ

1. ปิด Valve 1FPA-BV-0043 Bladder Tank Valve
2. ปิด Valve 1FPA-BV-0044 Line Foam Outlet
3. ปิด Valve 1FPA-BV-0045 Foam Water Mixing Valve
4. เปิด Valve 1FPA-BV-0042 Water Supply Valve




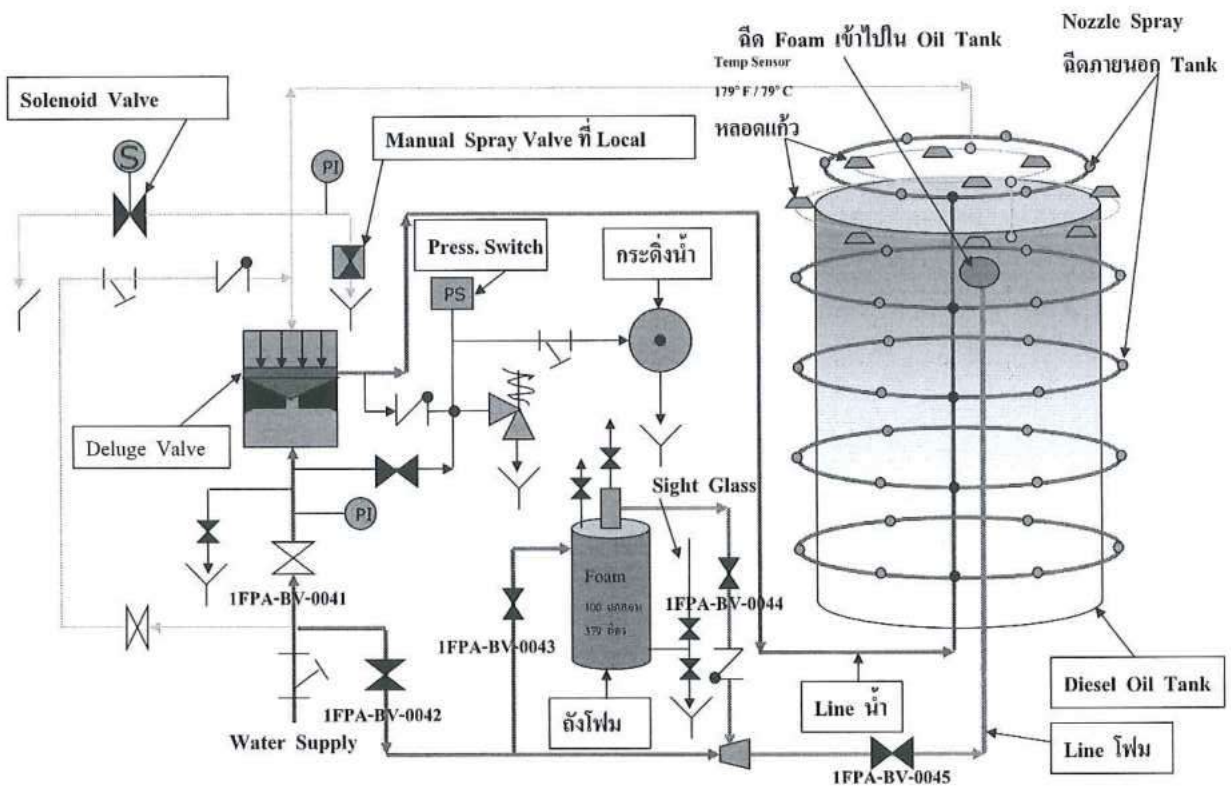
	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-062 / QP-DCAP-15)	หน้า 6 / 12
		วันที่บังคับใช้ 20 / 10 / 2556	แก้ไขครั้งที่ 01
	<b>คู่มือวิธีการปฏิบัติงาน</b> <b>เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK</b>		



รูป DIESEL OIL TANK



	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-062 / QP-DCAP-15)	หน้า 7 / 12
		วันที่บังคับใช้ 20 / 10 / 2556	แก้ไขครั้งที่ 01
	คู่มือวิธีการปฏิบัติงาน เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK		



รูป Diagram ของระบบ Fire Fighting Diesel Oil Tank





## DIESEL OIL TANK WATER SPRAY FIRE PROTECTION CHECKSHEET

DATE 21/05/52

## DISTRICT COOLING SYSTEM AND POWER PLANT

ITEM	DESCRIPTION	STATUS	CHECK	REMARK
1.	PREPARATION			
1.1	Fire Protection Diesel Engine Panel AUTO Select	AUTO	✓	
1.2	ตรวจสอบระดับ Foam ใน Sight Glass	NORMAL	✓	
1.3	Fire Protection Water Pressure	> 140 psi	✓	
1.4	Fire Protection Water Supply Valve	OPEN	✓	
1.5	ตรวจสอบสภาพหัวไปของหัว Nozzle	NORMAL	✓	
2.	WATER SPRAY TEST			
2.1	OPEN Local Manual Drain หรือคัปที่ Remote Fire Protection Panel ที่ CCR	OPEN	✓	
2.2	รูปแบบการกระจายน้ำของหัว Nozzle	NORMAL	✓	
2.3	ทำการทดสอบ 5 นาที	5 minutes	✓	
3.	INSERVICE DELUGE VALVE			
3.1	CLOSE Fire Protection Water Supply Valve	CLOSE	✓	
3.2	CLOSE Drain Valve ได้ Deluge Valve	CLOSE	✓	
3.3	CLOSE Local Manual Drain Valve	CLOSE	✓	
3.4	CLOSE Press. Switch Test Valve	CLOSE		
3.5	OPEN Valve น้ำที่ไปกดด้านบนของ Deluge Valve	OPEN	✓	
3.6	OPEN Fire Protection Water Supply Valve	OPEN	✓	
3.7	Fire Protection Water Pressure	> 140 psi	✓	
3.8	ตรวจสอบสภาพหัวไปของหัว Nozzle	NORMAL	✓	
3.9	STOP Fire Protection Diesel Engine	STOP	✓	
3.10	Select Fire Protection Diesel Engine AUTO mode	AUTO	✓	

CHECKED BY ภูมิ


(นาย ภูมิ จันทร์อุบล)

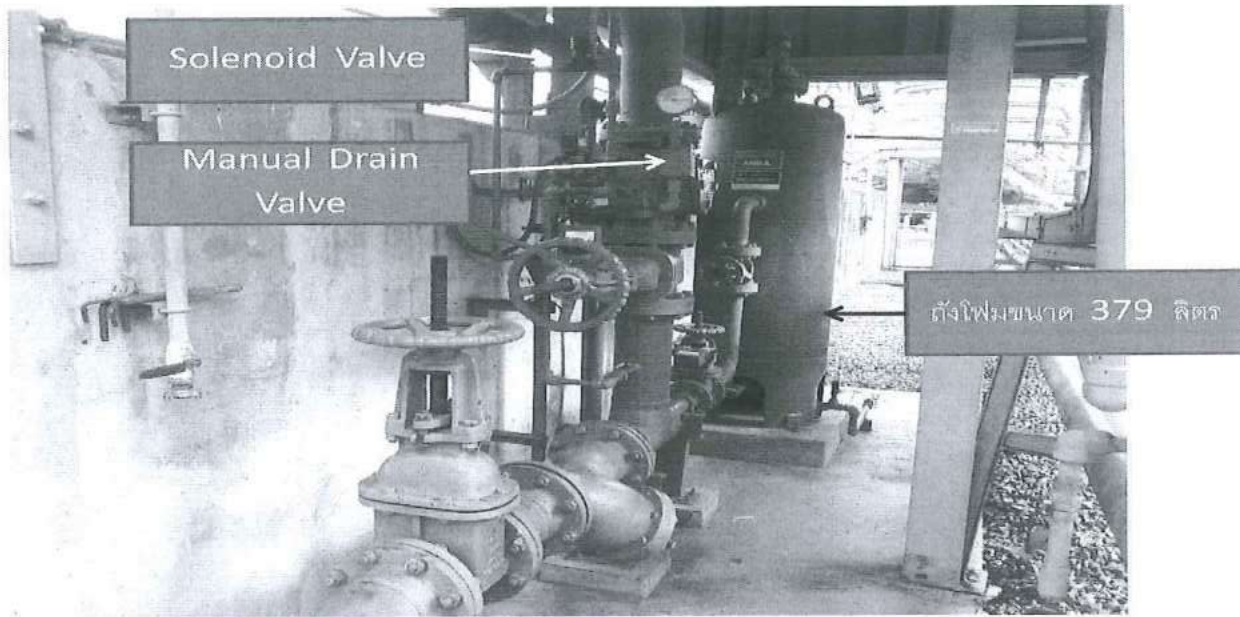
APPROVED BY ภูมิ

(นาย ภูมิ จันทร์อุบล)

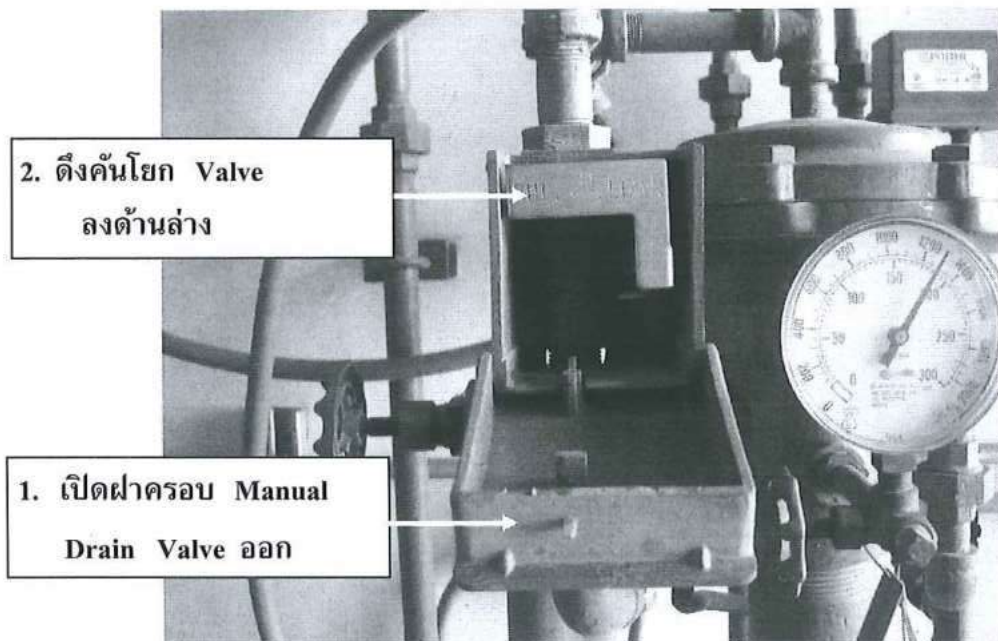
โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็น จำกัด (กกบผ.)	รหัสเอกสาร WI - / QP - DCAP - 15	แก้ไขครั้งที่ 0
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	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-062 / QP-DCAP-15)	หน้า 8 / 12
		วันที่บังคับใช้ 20 / 10 / 2556	แก้ไขครั้งที่ 01
	คู่มือวิธีการปฏิบัติงาน เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK		




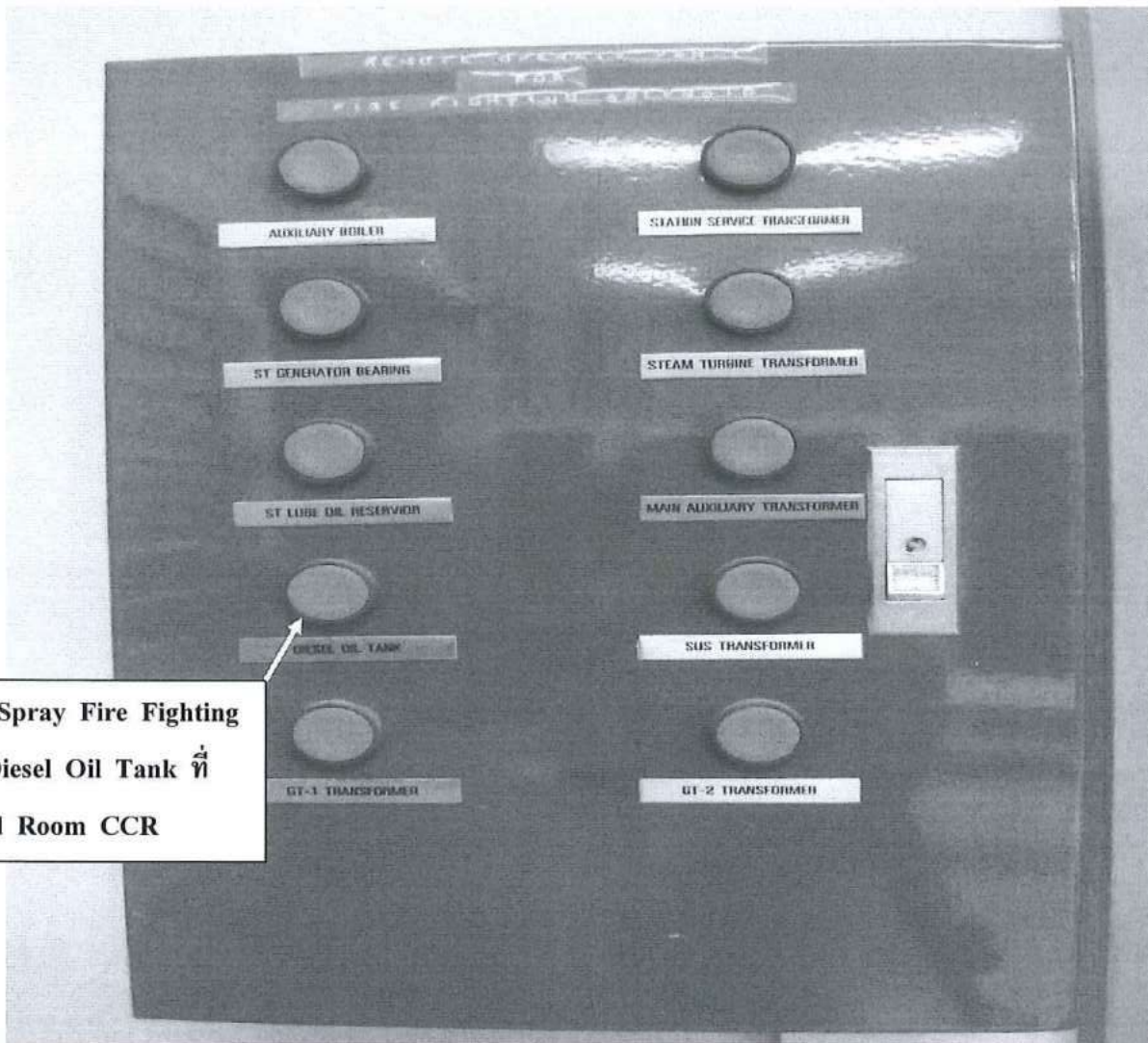
รูป Deluge Valve และ Tank Foam ระบบ Fire Fighting Diesel Oil Tank



ขั้นตอนการสั่งเปิดระบบ Fire Fighting Diesel Oil Tank ที่ Local



	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-062 / QP-DCAP-15)	หน้า 9 / 12
		วันที่บังคับใช้ 20 / 10 / 2556	แก้ไขครั้งที่ 01
	คู่มือวิธีการปฏิบัติงาน		
	เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK		



1. กดปุ่ม Spray Fire Fighting  
ของ Diesel Oil Tank ที่  
Control Room CCR

ขั้นตอนการสั่งเปิดระบบ Fire Fighting Diesel Oil Tank ที่ Control Room CCR





โครงการเดินเครื่องและบำรุงรักษา  
โรงไฟฟ้าและหน่วยผลิตน้ำเย็น  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

รหัสเอกสาร WI-062 / QP-DCAP-15)

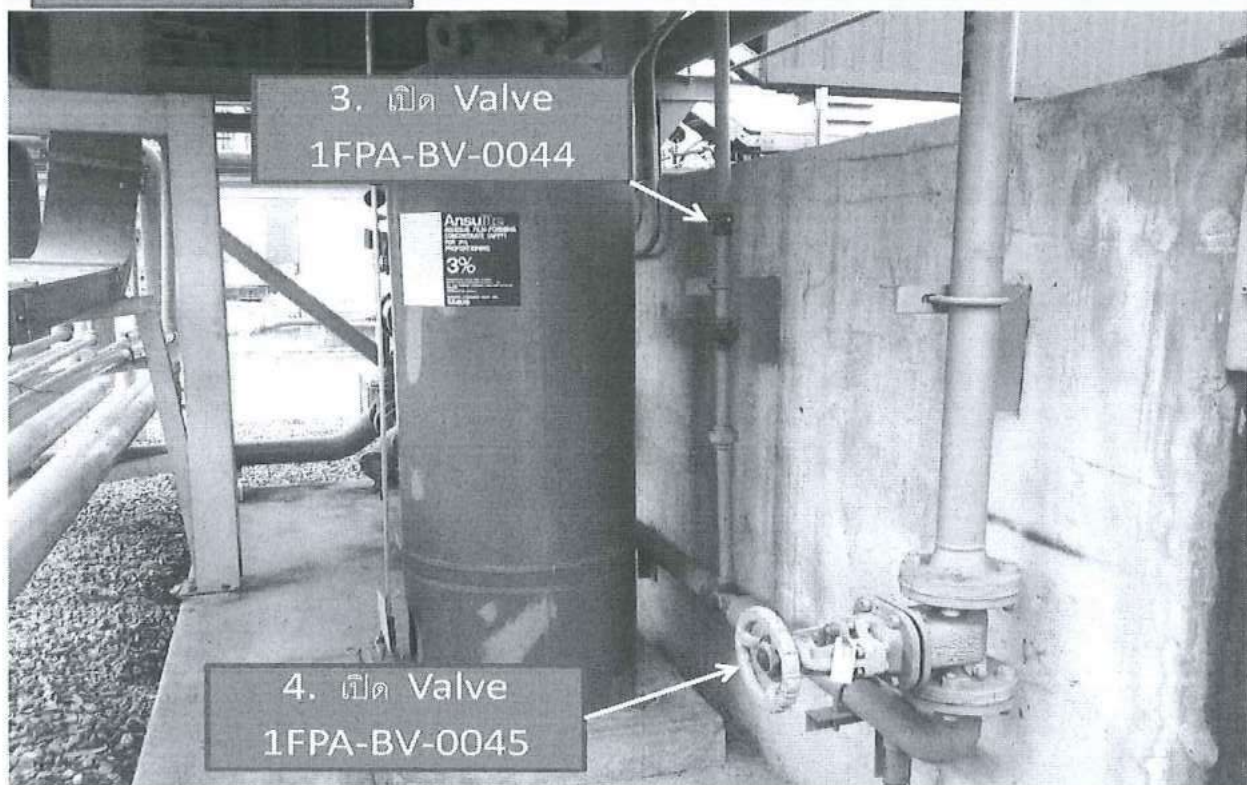
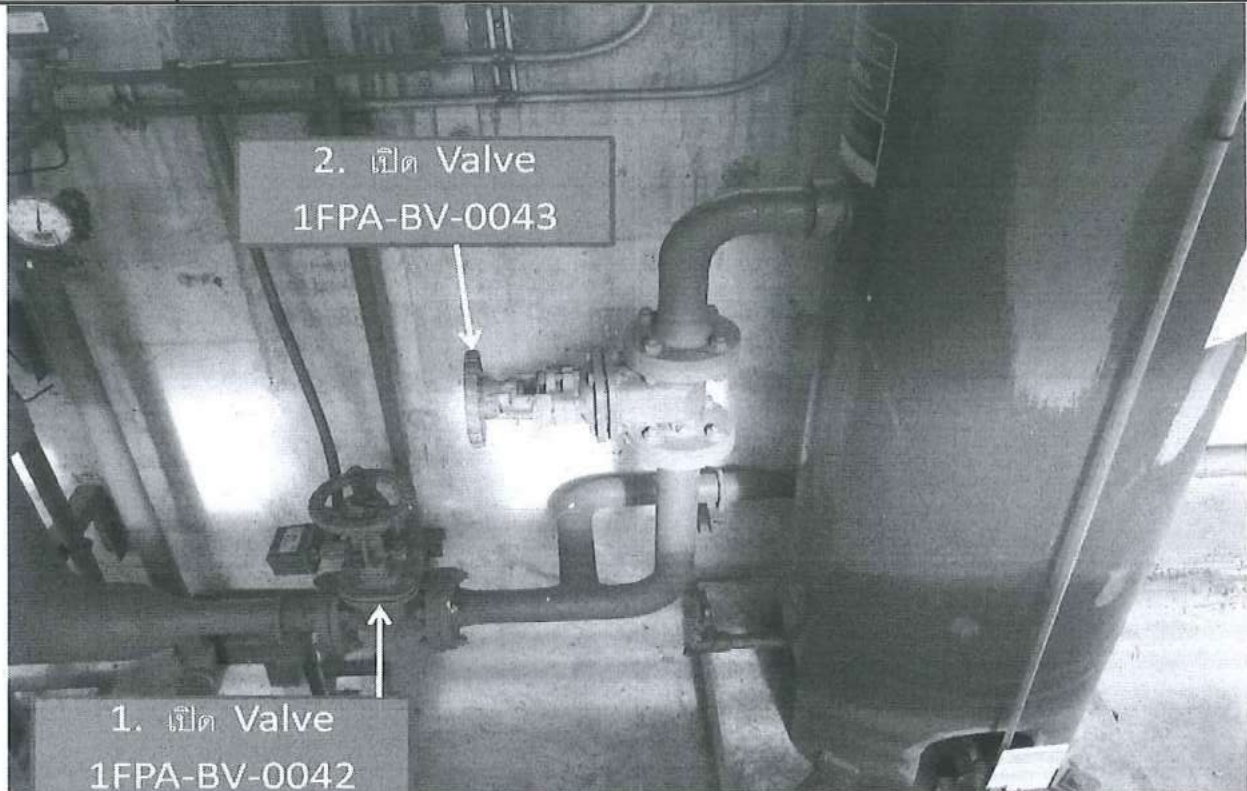
หน้า 10 / 12

วันที่บังคับใช้ 20 / 10 / 2556

แก้ไขครั้งที่ 01


คู่มือวิธีการปฏิบัติงาน

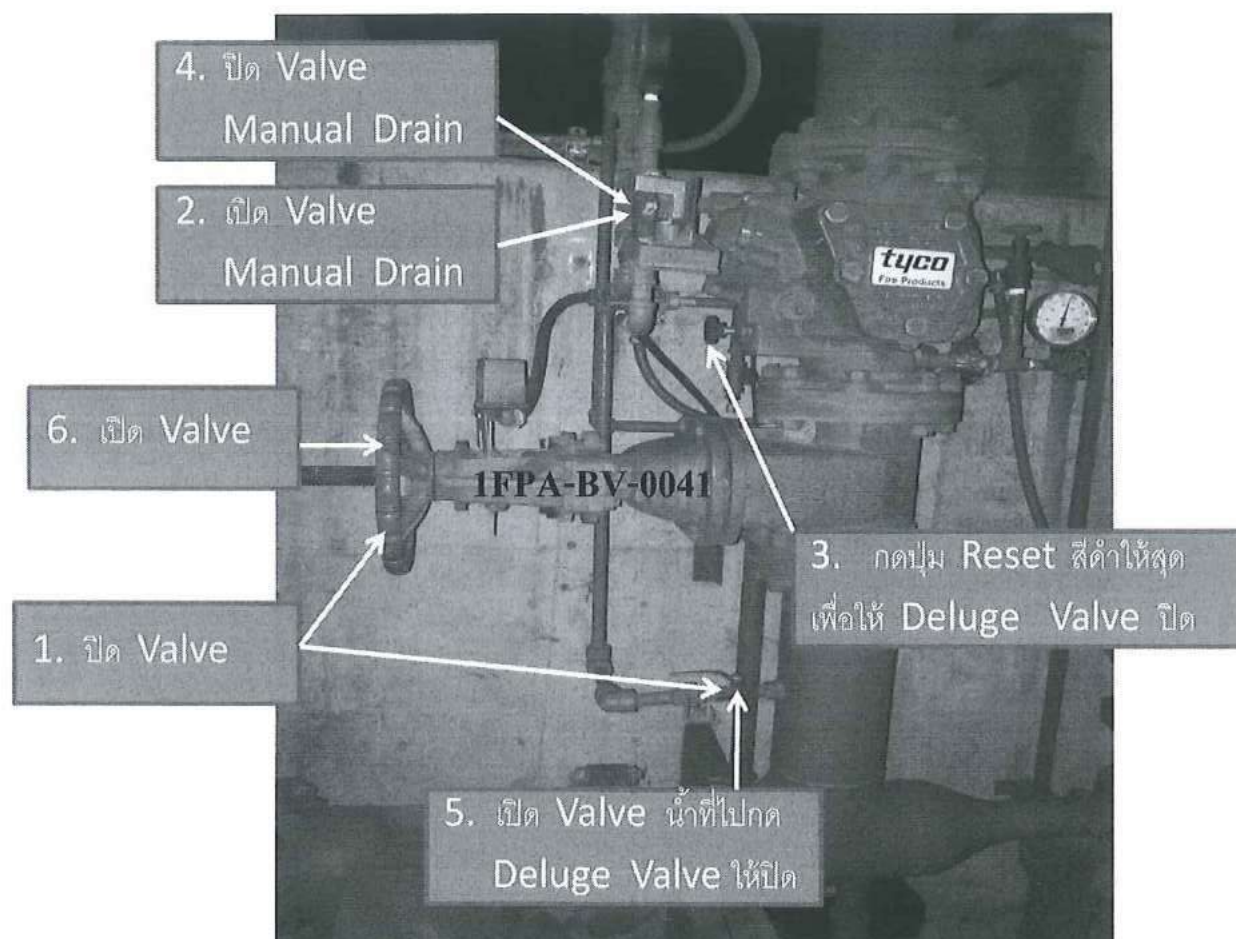
เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK



ขั้นตอนการเปิดระบบโฟม (Foam) ใช้งานกรณีเกิดเพลิงไหม้ Diesel Oil Tank




	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-062 / QP-DCAP-15)	หน้า 11 / 12
		วันที่บังคับใช้ 20 / 10/ 2556	แก้ไขครั้งที่ 01
	คู่มือวิธีการปฏิบัติงาน		
	เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK		



ขั้นตอนการนำระบบ Fire Fighting Diesel Oil Tank เข้าใช้งานตามปกติ



	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-062 / QP-DCAP-15)	หน้า 12 / 12
		วันที่บังคับใช้ 20 / 10/ 2556	แก้ไขครั้งที่ 01
	คู่มือวิธีการปฏิบัติงาน เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING DIESEL OIL TANK		

## 7. เอกสารอ้างอิง

-

## 8. เอกสารแนบ

-





# รองผู้ว่าการธุรกิจผลิตไฟฟ้า

## คู่มือวิธีปฏิบัติงาน

### WORK INSTRUCTION

#### เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER

#### 115 kV GAS TURBINE

(ใช้เฉพาะ คกบผ.)

รหัสเอกสาร : WI-063/ QP-DCAP-15)

แก้ไขครั้งที่ : 00

วันที่บังคับใช้ : 27 / 09 / 2556

หน้า : 1/11

สำเนาที่ :

จัดทำโดย

(ว่าที่ ร.ต. ประยุทธ์ เถาปัญญา)

ตำแหน่ง ข้าราชการระดับ 7. หมวดเดินเครื่องที่ 3

โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

วันที่ 27 / 09 / 2556

ทบทวนโดย

(นายพงษ์ศิริ เจริญลาภ)

ตำแหน่ง หัวหน้าหมวดเดินเครื่องที่ 3

โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น  
บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

วันที่ 27/09 / 2556

อนุมัติโดย

(นายประจักษ์ เหล่าพรหมสุคนธ์)

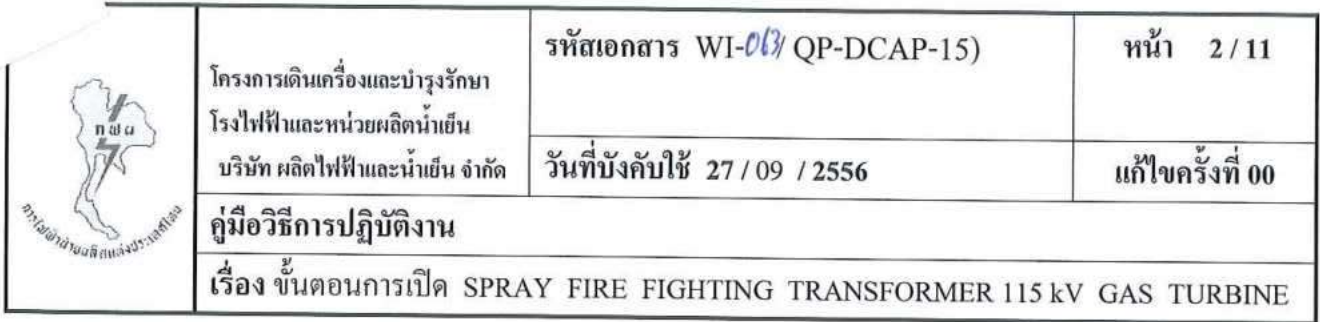
ตำแหน่ง หัวหน้าโครงการเดินเครื่องและบำรุงรักษา

โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น


บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

วันที่ 27 / 09 / 2556



[illegible]



	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-063/ QP-DCAP-15)	หน้า 3 / 11
		วันที่บังคับใช้ 27 / 09 / 2556	แก้ไขครั้งที่ 00
	คู่มือวิธีการปฏิบัติงาน เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER 115 kV GAS TURBINE		

## 1. วัตถุประสงค์

- 1.1 เพื่อให้สามารถนำไปปฏิบัติได้อย่างถูกวิธี และ เป็นไปได้อย่างมีประสิทธิภาพ
- 1.2 เพื่อป้องกันมิให้เกิดความผิดพลาด ซึ่งอาจจะมีผลกระทบต่ออุปกรณ์ และ ทรัพย์สิน เสียหายได้

## 2. อุปกรณ์และเครื่องมือ

- 2.1 ประแจ F 1/2" สำหรับเปิด , ปิด Valve
- 2.2 อุปกรณ์สื่อสารต่างๆ เช่น Walkie – Talkie , Inter-Com
- 2.3 ไฟส่องสว่าง เช่น ไฟฉาย
- 2.4 อุปกรณ์ป้องกันอันตรายส่วนบุคคล

## 3. วัสดุที่ใช้

-

## 4. หน้าที่รับผิดชอบ

- 4.1 พนักงานเดินเครื่องด้าน Local HRSG & Steam Turbine ที่ปฏิบัติงานกะ
- 4.2 ผู้จัดการหมวดเดินเครื่อง / วิศวกรประจำกะที่ปฏิบัติงานกะ กำกับดูแลช่วยเหลือให้กระบวนการต่างๆเป็นไปตามแผนการที่กำหนด


## 5. หลักการทำงานของ Deluge Valve

Deluge Valve จะทำงานก็ต่อเมื่อน้ำที่กด Diaphragm ด้านบนของ Deluge Valve Press. หายไปน้ำที่อยู่ล่างของ Deluge Valve ก็จะดัน Diaphragm เปิดขึ้นทำให้น้ำไหลออกไป Spray ทางหัว Nozzle

### Deluge Valve จะทำงานได้ 3 กรณีดังนี้คือ

1. กรณีเกิดไฟไหม้ขึ้นที่หม้อแปลง 115 kV ก็จะทำให้ความร้อนขึ้นจนทำให้หลอดแก้วแตกน้ำที่กด Diaphragm ด้านบนของ Deluge Valve ก็จะถูก Drain ตรงที่หลอดแก้วตัวที่แตก จึงทำให้ Press. ด้านล่างของ Deluge Valve สูงกว่าจึงทำให้ Diaphragm ของ Deluge Valve ถูกยกขึ้นซึ่งเป็นการเปิดให้น้ำไหลออกไป Spray หม้อแปลงทางหัว Nozzle ได้ ( หลอดแก้วจะแตกที่อุณหภูมิประมาณ 175°F/79°C ) และจะมี Heat Detector จับความร้อนเพื่อส่งสัญญาณไปเป็น Permissive สำหรับกดปุ่ม Water Spray ที่อยู่ Control Room เพื่อไปสั่งเปิด Solenoid Drain Valve
2. เปิด Manual Drain Valve ที่ Local ซึ่งจะทำให้ น้ำที่กด Diaphragm ด้านบนของ Deluge Valve ถูก Drain ออกไปจึงทำให้ Press. ด้านล่างของ Deluge Valve สูงกว่า จึงไปดัน Diaphragm ของ Deluge Valve ถูกยกขึ้นซึ่งจะเป็นการเปิดให้น้ำไหลออกไป Spray หม้อแปลงทางหัว Nozzle ได้



	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-063/ QP-DCAP-15)	หน้า 4 / 11
		วันที่บังคับใช้ 27 / 09 / 2556	แก้ไขครั้งที่ 00
	<b>คู่มือวิธีการปฏิบัติงาน</b> <b>เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER 115 kV GAS TURBINE</b>		

3. สามารถสั่ง Spray หม้อแปลง Gas Turbine ได้ที่ Control Room ซึ่งจะไปสั่งให้ Solenoid Valve ที่ Local เปิดซึ่งจะทำให้ น้ำที่กัก Diaphragm ด้านบนของ Deluge Valve ถูก Drain ออกไปจึงทำให้ Press. ด้านล่างของ Deluge Valve สูงกว่า จึงไปดัน Diaphragm ของ Deluge Valve ถูกยกขึ้นซึ่งจะเป็น การเปิดให้น้ำไหลออกไป Spray หม้อแปลงทางหัว Nozzle ได้

## 6. ขั้นตอนการปฏิบัติงาน

### 6.1 การเปิด Spray Fire Fighting Transformer 115 kV Gas Turbine ที่ Local

1. เปิดฝากรอบของ Valve Manual Drain Water ที่ Local ออก
2. เปิด Valve Manual Drain Water เพื่อระบายน้ำที่ไปกัก Diaphragm ด้านบนของ Deluge Valve ออก ทำให้ Deluge Valve เปิดทำให้น้ำไหลออกไป Spray Transformer ทางหัว Nozzle


### 6.2 การเปิด Spray Fire Fighting Transformer 115 kV Gas Turbine ที่ Control Room

1. กรณีที่เกิดเพลิงไหม้ที่ Transformer จะส่งสัญญาณจาก Heat Detector ไปเป็น Permissive กดปุ่ม ที่ Control Room
2. กดปุ่ม Spray Transformer ตัวที่เกิดเพลิงไหม้ ที่ Box Control ที่อยู่ในห้อง Control Room เพื่อไปสั่ง เปิด Solenoid Drain Valve ที่ Local เพื่อระบายน้ำที่ไปกัก Diaphragm ด้านบนของ Deluge Valve ออก ทำให้ Deluge Valve เปิดทำให้น้ำไหลออกไป Spray Transformer ทางหัว Nozzle

### 6.3 การนำ Deluge Valve ของระบบ Fire Fighting Transformer 115 kV เข้าใช้งาน

1. ปิด Valve Drain น้ำที่อยู่ด้านล่างของ Deluge Valve
2. ปิด Valve Local Manual Drain น้ำที่อยู่ด้านบนของ Deluge Valve
3. ปิด Valve Test Press. Switch และกระดิ่ง
4. เปิด Valve น้ำที่ไปกัก Diaphragm ด้านบนของ Deluge Valve
5. เปิด Valve Water Supply เข้าใช้งาน



	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-063/QP-DCAP-15)	หน้า 5 / 11
		วันที่บังคับใช้ 27 / 09 / 2556	แก้ไขครั้งที่ 00
	คู่มือวิธีการปฏิบัติงาน เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER 115 kV GAS TURBINE		


#### 6.4 การนำ Deluge Valve ของระบบ Fire Fighting Transformer 115 kV ออกจากการใช้งาน

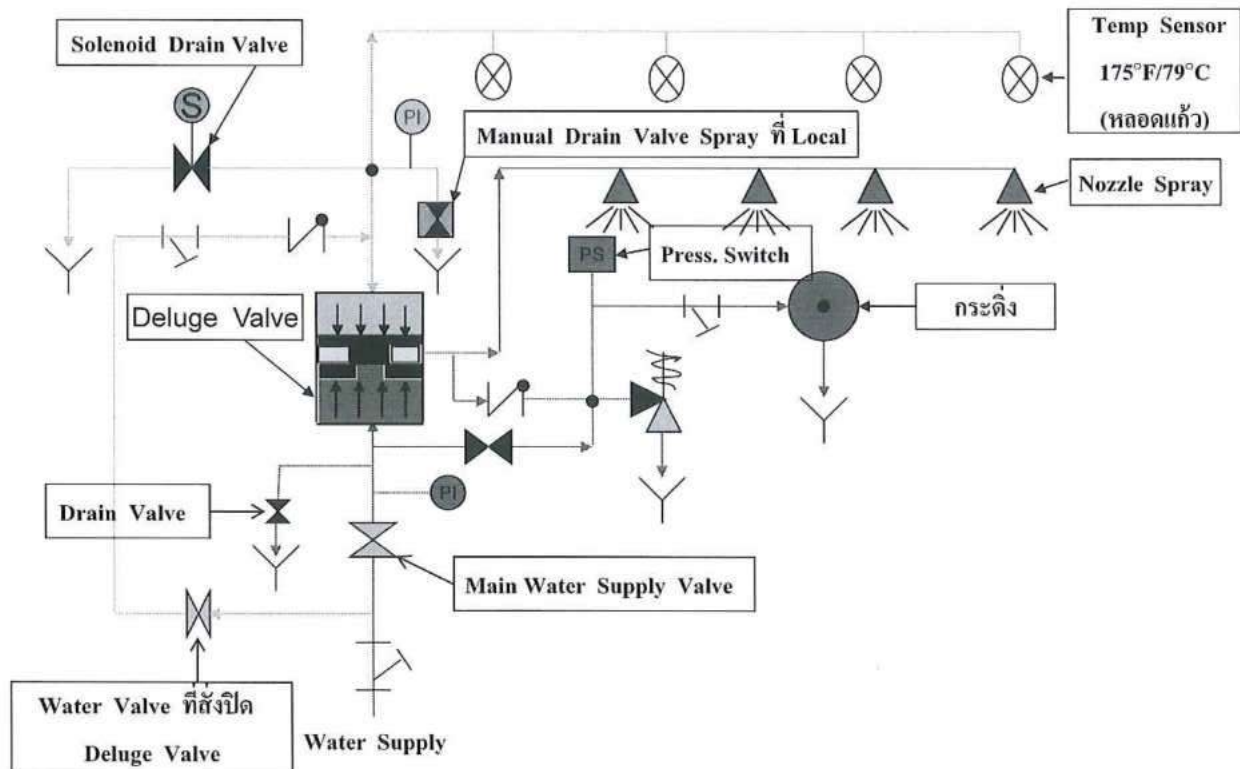
1. ปิด Valve Water Supply ออกจากการใช้งาน
2. ปิด Valve น้ำที่ไปกด Diaphragm ด้านบนของ Deluge Valve
3. เปิด Valve Drain น้ำที่อยู่ด้านล่างของ Deluge Valve
4. เปิด Valve Local Manual Drain เพื่อให้ น้ำที่อยู่ด้านบนของ Deluge Valve ระบายออก



รูป Deluge Valve ของระบบ Fire Fighting Transformer 115 kV




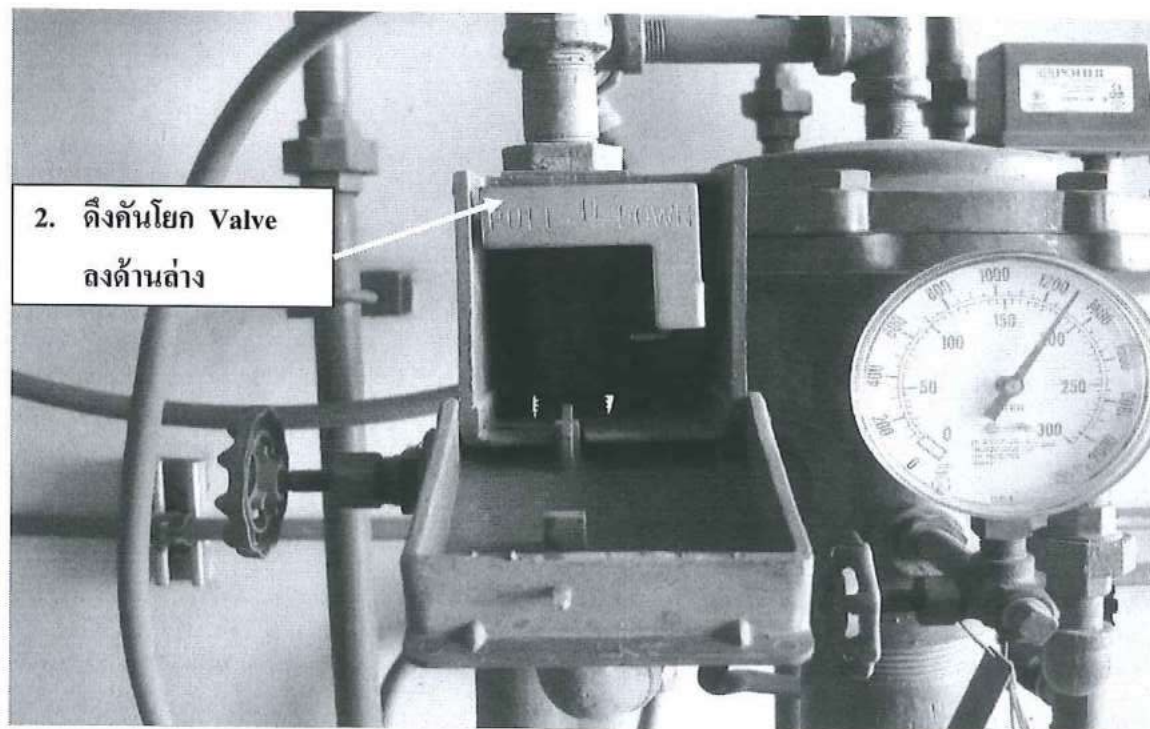
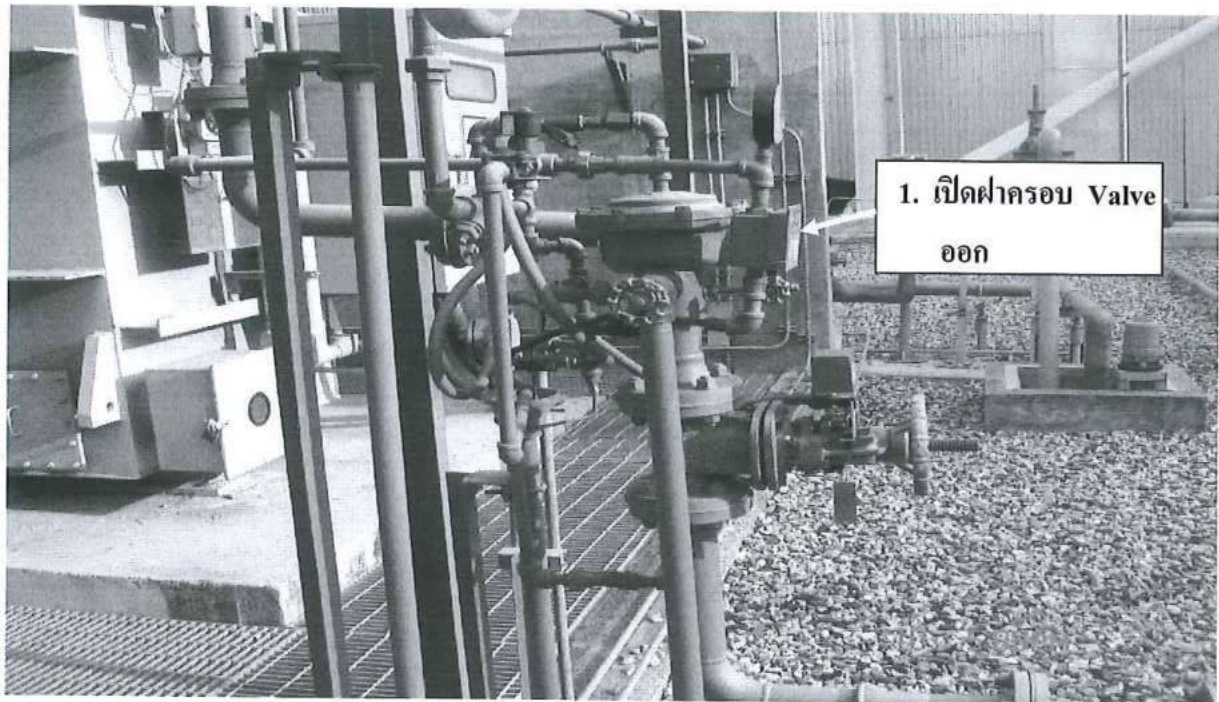
	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-063/QP-DCAP-15)	หน้า 6 / 11
		วันที่บังคับใช้ 27 / 09 / 2556	แก้ไขครั้งที่ 00
	<b>คู่มือวิธีการปฏิบัติงาน</b> <b>เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER 115 kV GAS TURBINE</b>		



รูป Diagram ของระบบ Fire Fighting Transformer 115 kV




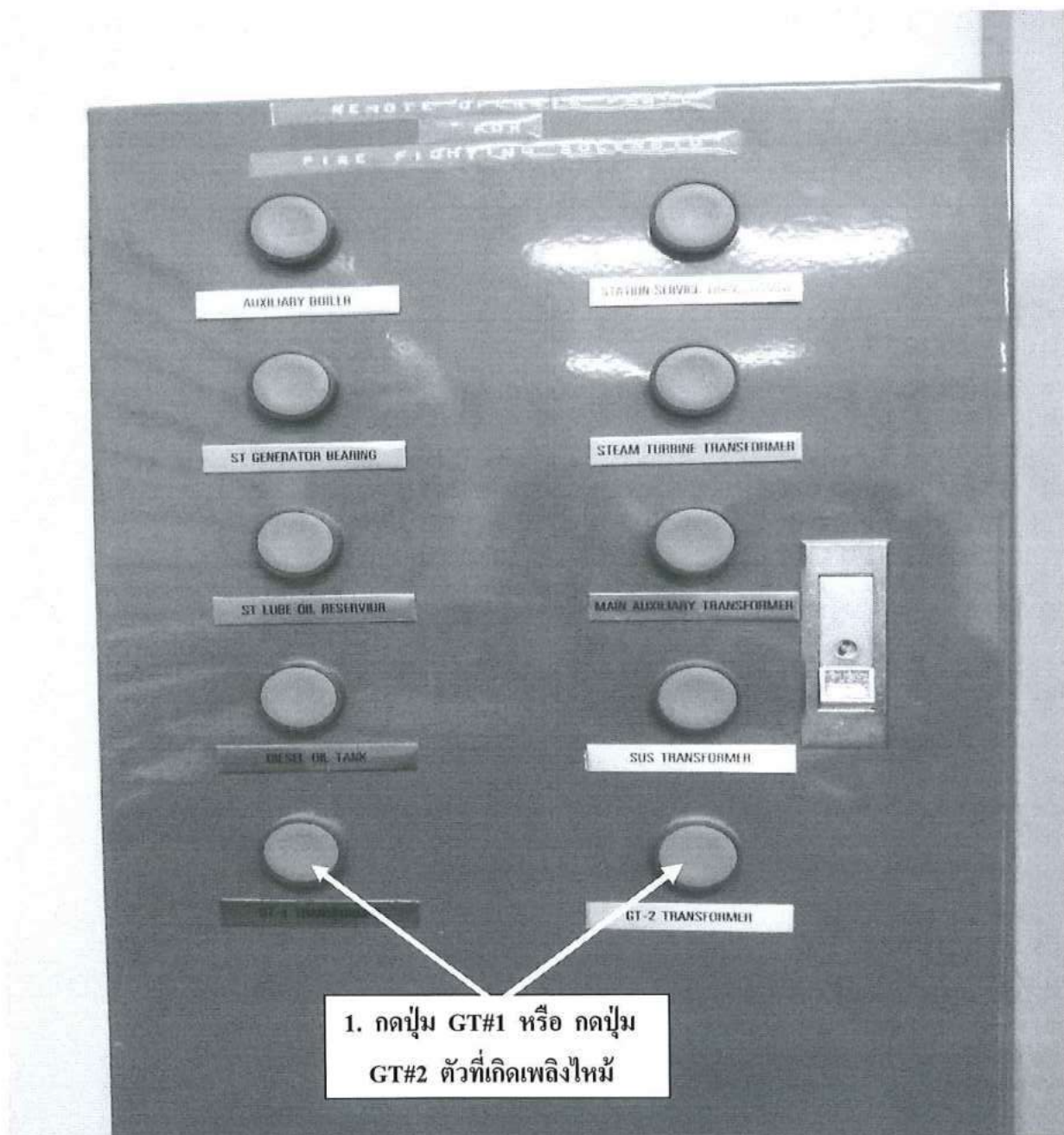
	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-063/ QP-DCAP-15)	หน้า 7 / 11
		วันที่บังคับใช้ 27 / 09 / 2556	แก้ไขครั้งที่ 00
	คู่มือวิธีการปฏิบัติงาน		
	เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER 115 kV GAS TURBINE		



ขั้นตอนการเปิด Manual Spray ระบบ Fire Fighting Transformer 115 kV ที่ Local




	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-063/QP-DCAP-15)	หน้า 8 / 11
		วันที่บังคับใช้ 27 / 09 / 2556	แก้ไขครั้งที่ 00
	คู่มือวิธีการปฏิบัติงาน เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER 115 kV GAS TURBINE		

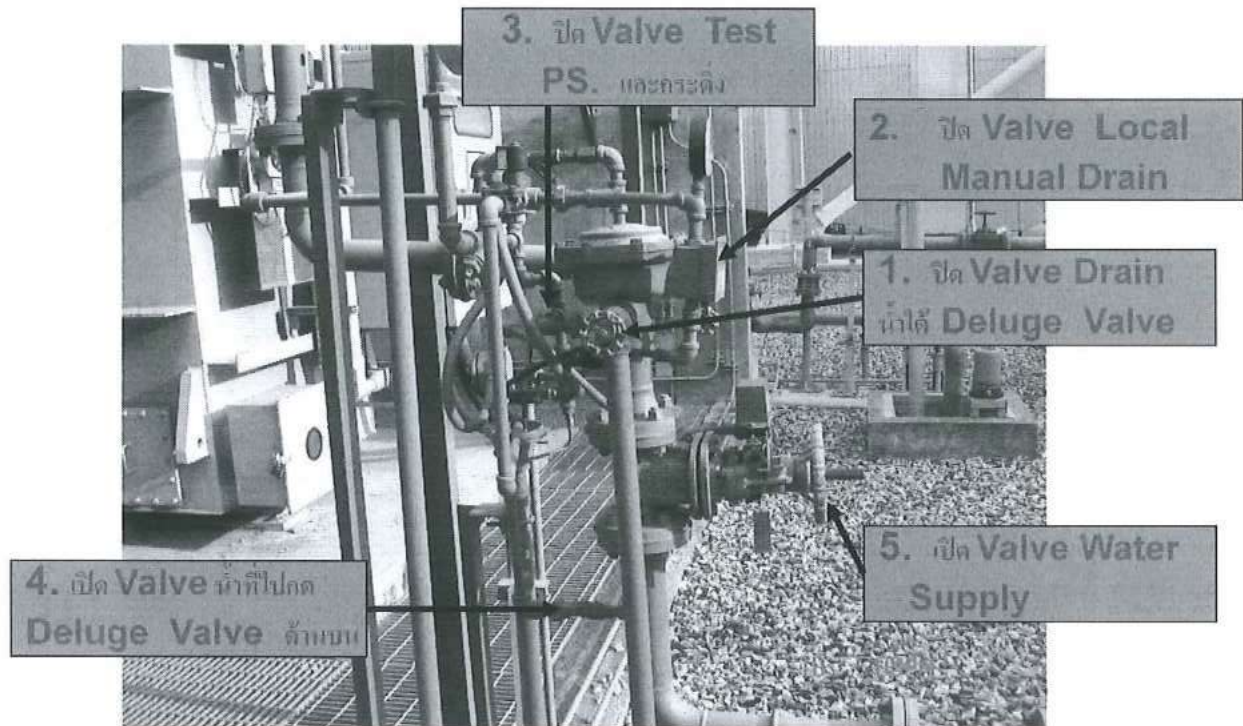


ขั้นตอนการเปิด Manual Spray ระบบ Fire Fighting Transformer 115 kV

ที่ Control Room




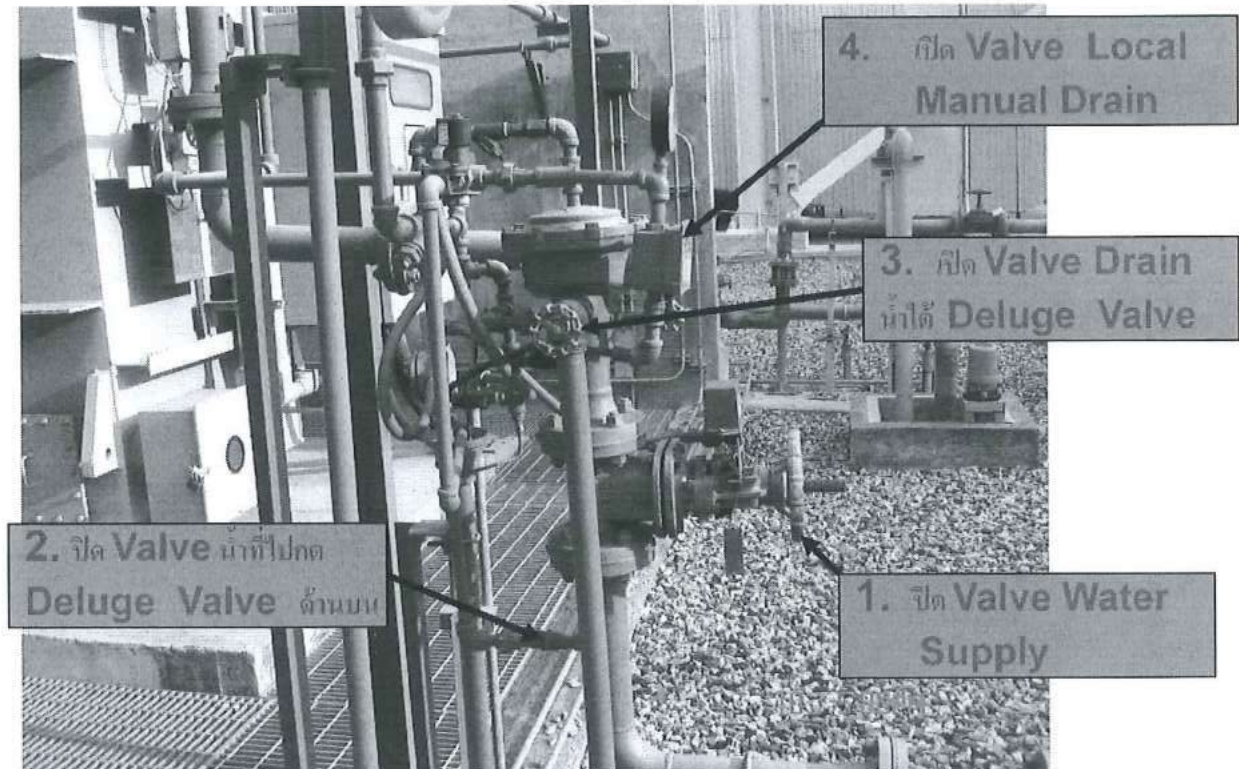
	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-063 / QP-DCAP-15)	หน้า 9 / 11
		วันที่บังคับใช้ 27 / 09 / 2556	แก้ไขครั้งที่ 00
	คู่มือวิธีการปฏิบัติงาน		
	เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER 115 kV GAS TURBINE		



ขั้นตอนการนำ Deluge Valve ของระบบ Fire Fighting Transformer 115 kV เข้าใช้งาน




	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-063 / QP-DCAP-15)	หน้า 10 / 11
		วันที่บังคับใช้ 27 / 09 / 2556	แก้ไขครั้งที่ 00
	คู่มือวิธีการปฏิบัติงาน เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER 115 kV GAS TURBINE		



ขั้นตอนการนำ Deluge Valve ของระบบ Fire Fighting Transformer 115 kV ออกจาก  
การใช้งาน



	โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด	รหัสเอกสาร WI-063/ QP-DCAP-15)	หน้า 11 / 11
		วันที่บังคับใช้ 27 / 09/ 2556	แก้ไขครั้งที่ 00
	<b>คู่มือวิธีการปฏิบัติงาน</b> <b>เรื่อง ขั้นตอนการเปิด SPRAY FIRE FIGHTING TRANSFORMER 115 kV GAS TURBINE</b>		

#### 7. เอกสารอ้างอิง

-

#### 8. เอกสารแนบ

-





# TRANSFORMER WATER SPRAY FIRE PROTECTION CHECKSHEET

DATE.....

## DISTRICT COOLING SYSTEM AND POWER PLANT

ITEM	DESCRIPTION	STATUS	CHECK	REMARK
1.	<u>PREPARATION</u>			
1.1	Fire Protection Diesel Engine Panel AUTO Select	AUTO		
1.2	De-energized Target Transformer	De-energized		
1.3	Fire Protection Water Pressure	> 140 psi		
1.4	Fire Protection Water Supply Valve	OPEN		
1.5	ตรวจสอบสภาพทั่วไปของหัว Nozzle	NORMAL		
2.	<u>WATER SPRAY TEST</u>			
2.1	OPEN Local Manual Drain หรือกดปุ่มที่ Remote Fire Protection Panel ที่ CCR	OPEN		
2.2	รูปแบบการกระจายน้ำของหัว Nozzle	NORMAL		
2.3	ทำการทดสอบ 5 นาที	5 minutes		
3.	<u>INSERVICE DELUGE VALVE</u>			
3.1	CLOSE Fire Protection Water Supply Valve	CLOSE		
3.2	CLOSE Drain Valve ได้ Deluge Valve	CLOSE		
3.3	CLOSE Local Manual Drain Valve	CLOSE		
3.4	CLOSE Press. Switch Test Valve	CLOSE		
3.5	OPEN Valve น้ำที่ไปกดด้านบนของ Deluge Valve	OPEN		
3.6	OPEN Fire Protection Water Supply Valve	OPEN		
3.7	Fire Protection Water Pressure	> 140 psi		
3.8	ตรวจสอบสภาพทั่วไปของหัว Nozzle	NORMAL		
3.9	STOP Fire Protection Diesel Engine	STOP		
3.10	Select Fire Protection Diesel Engine AUTO mode	AUTO		

CHECKED BY.....

RESPONDED BY.....

(.....)

(.....)

โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็น จำกัด (คกบผ.)	รหัสเอกสาร WI - / QP - DCAP - 15	แก้ไขครั้งที่ 0
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## ภาคผนวกที่ 28

รายงานผลการตรวจสอบอุปกรณ์ดับเพลิง





การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย  
ELECTRICITY GENERATING AUTHORITY OF THAILAND

วันที่ DCAP 0988 / 2567

ลงวันที่ 28 สค 2567

53 หมู่ 2 ถนนจริยสุนทวงศ์ บางกรวย นนทบุรี 11130 โทรศัพท์ 0 2433 6317, 0 2433 5523, 0 2434 4064 www.egat.co.th  
53 Moo 2 Charansanitwong Rd. Bang Kruai Nonthaburi 11130 Thailand Fax (66) 2433 6317, 2433 5523, 2434 4064

ที่ กฟผ. S720E00/411/2567

วันที่ 27 สิงหาคม 2567

เรื่อง รายงานผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนกรกฎาคม ปี พ.ศ. 2567

เรียน รองผู้จัดการใหญ่อาวุโส รักษาการผู้จัดการใหญ่

สิ่งที่แนบมาด้วย บันทึกผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนกรกฎาคม ปี พ.ศ. 2567

ตามที่ โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็นบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (คกบผ.) ขอส่งรายงานผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนกรกฎาคม ปี พ.ศ. 2567 ซึ่งเป็นไปตามมาตรฐานการตรวจสอบอุปกรณ์ดับเพลิงของประกาศกระทรวงอุตสาหกรรม เรื่อง : การป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. ๒๕๕๒ กำหนดให้มีการตรวจสอบอุปกรณ์ดับเพลิงทุก 6 เดือน (2 ครั้งต่อปี) โดย คกบผ. กำหนดให้เพิ่มการตรวจสอบอุปกรณ์ดับเพลิงในพื้นที่ Power Plant และ PTC Chiller Plant East & West Side เป็นระยะเวลาทุก 1 เดือน (12 ครั้งต่อปี) เพื่อให้มีความพร้อมในการใช้งานได้อย่างมีประสิทธิภาพ

ดังนั้น คกบผ. จึงใคร่ขอรายงานผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนกรกฎาคม ปี พ.ศ. 2567 โดยมีรายละเอียดตามเอกสารแนบ

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

(นายอดุลย์ เชิดชูไชย)

หัวหน้าโครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้า  
และหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็นจำกัด



เอกสารแนบ



# การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

บันทึก

จาก นายศุภเดช สุขสัมฤทธิ์เดช  
เรื่อง ผลการตรวจสอบอุปกรณ์ดับเพลิง  
พื้นที่ Power Plant & PTC Chiller Plant  
ประจำ เดือน กรกฎาคม ปี พ.ศ. 2567  
วันที่ 27 สิงหาคม พ.ศ. 2567

เรียน

คกบผ. ผ่าน ช.คกบผ.

นายฐานวัฒน์ โกศลโรจน์รัฐ  
27 AUG 2024

ตามที่หน่วยงาน คกบผ. มีหน้าที่รับผิดชอบการเดินเครื่องและบำรุงรักษาโรงไฟฟ้า และหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด ซึ่งมาตรฐานการตรวจสอบอุปกรณ์ดับเพลิงของประกาศกระทรวงอุตสาหกรรม เรื่อง : การป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. ๒๕๕๒ กำหนดให้มีการตรวจสอบอุปกรณ์ดับเพลิงทุก 6 เดือน ทั้งนี้ได้กำหนดแผนให้มีการตรวจสอบอุปกรณ์ดับเพลิง ให้มีความพร้อมในการใช้งานอย่างมีประสิทธิภาพเป็นประจำทุก 1 เดือน พื้นที่ Power Plant & PTC Chiller Plant East & West Side ประจำเดือนกรกฎาคม พ.ศ. 2567 รายละเอียดดังนี้

NO.	รายชื่ออุปกรณ์	จำนวน	สถานะ	หมายเหตุ
1	Dry Chemical	Power Plant = 51 ถัง	สภาพพร้อมใช้งาน จำนวน 43 ถัง ถังสำรองพร้อมใช้งาน จำนวน 8 ถัง	
		PTC East Side = 12 ถัง	สภาพพร้อมใช้งาน จำนวน 12 ถัง	
		PTC West Side = 13 ถัง	สภาพพร้อมใช้งาน จำนวน 13 ถัง	
		SAT-1 Chiller Plant	-	ทุก 3 เดือน
2	ถังเคมีสูตรน้ำ/ BF2000	Power Plant = 3 ถัง	สภาพพร้อมใช้งาน จำนวน 3 ถัง	
		PTC East Side = 1 ถัง	สภาพพร้อมใช้งาน จำนวน 1 ถัง	
3	Carbon dioxide	Power Plant = 43 ถัง	สภาพพร้อมใช้งาน จำนวน 34 ถัง ถังสำรองพร้อมใช้งาน จำนวน 8 ถัง ถังสำรองรอ Refill จำนวน 1 ถัง	
		PTC East Side = 8 ถัง	สภาพพร้อมใช้งาน จำนวน 8 ถัง	
		PTC West Side = 6 ถัง	สภาพพร้อมใช้งาน จำนวน 6 ถัง	
		SAT-1 Chiller Plant = 3 ถัง	-	ทุก 3 เดือน
4	Fire Hose House	Power Plant = 12 จุด	สภาพพร้อมใช้งาน จำนวน 12 ถัง	
5	Fire Hose Cabinet	Power Plant = 10 จุด	สภาพพร้อมใช้งาน จำนวน 10 ถัง	
6	Fire Extinguisher	Power Plant = 4 จุด	สภาพพร้อมใช้งาน จำนวน 4 จุด	
7	Mobile Foam	Power Plant = 3 จุด	สภาพพร้อมใช้งาน จำนวน 3 จุด	
8	Tank Foam	Power Plant = 1 จุด	สภาพพร้อมใช้งาน จำนวน 1 จุด	

หมายเหตุ: รายละเอียดผลการตรวจเช็คอุปกรณ์ดับเพลิงทั้งหมดตามเอกสารแนบ  
จึงเรียนมาเพื่อโปรดพิจารณา

สำเนา : แฝ้ม

ลงชื่อ .....

(นายศุภเดช สุขสัมฤทธิ์เดช)

เจ้าหน้าที่ความปลอดภัยระดับวิชาชีพ





โครงการควบคุมและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตไฟฟ้า บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

แบบตรวจสอบระบบพิเศษ

ถังดับเพลิง DRY CHEMICAL และแก๊สสุญญากาศ



วันที่ : 21/07/2557		หน่วยงาน : โรงไฟฟ้า-9.1		ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน			
สถานที่ : Power Plant		วันที่ตรวจสอบ :		อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่องป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552			
NO.	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ/ขนาด	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
1	DP-01	DRY CHEMICAL	ในตู้ FHC-P-01	15 lbs.	✓		
2	DP-02	DRY CHEMICAL	ในตู้ FHC-P-02	15 lbs.	✓		
3	DP-03	DRY CHEMICAL	ในตู้ FHC-P-03	15 lbs.	✓		
4	DP-04	DRY CHEMICAL	ในตู้ FHC-P-04	15 lbs.	✓		
5	DP-05	DRY CHEMICAL	ในตู้ FHC-P-05	15 lbs.	✓		
6	DP-06	DRY CHEMICAL	ในตู้ FHC-P-06	15 lbs.	✓		
7	DP-07	DRY CHEMICAL	ในตู้ FHC-P-07	15 lbs.	✓		
8	DP-08	DRY CHEMICAL	ในตู้ FHC-P-08	15 lbs.	✓		
9	DP-09	DRY CHEMICAL	ในตู้ FHC-P-09	15 lbs.	✓		
10	DP-10	DRY CHEMICAL	ในตู้ FHC-P-10	15 lbs.	✓		
11	DP-11	DRY CHEMICAL	อยู่ใน FE-01	15 lbs.	✓		
12	DP-12	DRY CHEMICAL	อยู่ใน FE-01	15 lbs.	✓		
13	DP-13	DRY CHEMICAL	อยู่ใน FE-02	10 lbs.	✓		
14	DP-14	DRY CHEMICAL	อยู่ใน FE-02	15 lbs.	✓		
15	DP-15	DRY CHEMICAL	อยู่ใน FE-03	15 lbs.	✓		
16	DP-16	DRY CHEMICAL	อยู่ใน FE-03	15 lbs.	✓		
17	DP-17	DRY CHEMICAL	อยู่ใน FE-03	15 lbs.	✓		
18	DP-18	DRY CHEMICAL	อยู่ใน FE-04	15 lbs.	✓		
19	DP-19	DRY CHEMICAL	อยู่ใน FE-04	15 lbs.	✓		
20	DP-20	DRY CHEMICAL	ห้อง จป. (Guard House)	15 lbs.	✓		
21	DP-21	DRY CHEMICAL	Guard House	15 lbs.	✓		
22	DP-22	DRY CHEMICAL	Guard House	15 lbs.	✓		
23	DP-23	DRY CHEMICAL	Guard House	15 lbs.	✓		
24	DP-24	DRY CHEMICAL	ห้อง จป. (Guard House)	10 lbs.	✓		
25	DP-25	DRY CHEMICAL	ห้อง จป. (Guard House)	15 lbs.	✓		
26	DP-26	DRY CHEMICAL	ห้อง จป. (Guard House)	10 lbs.	✓		
27	DP-27	DRY CHEMICAL	หน้า Gas Metering Station	15 lbs.	✓		P. Janye วิศว
28	DP-28	DRY CHEMICAL	ด้านข้าง Oil Tank	15 lbs.	✓		
29	DP-29	DRY CHEMICAL	ST Cooling Tower	10 lbs.	✓		
30	DP-30	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	15 lbs.	✓		
31	DP-31	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	10 lbs.	✓		P. Janye วิศว
32	DP-32	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	15 lbs.	✓		
33	DP-33	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	10 lbs.	✓		
34	DP-34	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	15 lbs.	✓		
สรุป					ลงชื่อ : P. Janye วิศว 29/07/2557 ผู้ตรวจสอบ		
					ลงชื่อ : P. Janye วิศว 31/7/57 หัวหน้าหมวด		
35	DP-35	DRY CHEMICAL	Work Shop	15 lbs.	✓		



แบบตรวจสอบระบบพิเศษ

[illegible]





โครงการเตรียมความพร้อมและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตไฟฟ้าในระบบผลิตไฟฟ้าและน้ำเย็น จากถ่านหิน

แบบตรวจสอบรายการเพิ่มเติม

ถังดับเพลิง CARBONDIOXIDE



บริเวณ : <u>อาคาร</u>		หน่วยงาน : <u>ผลิตไฟฟ้า</u>		ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน			
สถานที่ : Power Plant		วันที่ตรวจสอบ :		อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่อง ป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552			
No	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ/ ขนาด	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุด/หมดอายุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
1	CP-01	CARBONDIOXIDE	หน้าห้องอุปกรณ์ควบคุม CCR	10 lbs.	✓		
2	CP-02	CARBONDIOXIDE	Fire Pump	10 lbs.	✓		
3	CP-03	CARBONDIOXIDE	Fire Pump	10 lbs.	✓		
4	CP-04	CARBONDIOXIDE	ห้องอุปกรณ์ควบคุม (อาคาร DCAP)	10 lbs.	✓		
5	CP-05	CARBONDIOXIDE	ห้องเครื่องปรับอากาศ (อาคาร DCAP)	10 lbs.	✓		
6	CP-06	CARBONDIOXIDE	ห้องเครื่องปรับอากาศ (ตม. กทม.)	10 lbs.	✓		
7	CP-07	CARBONDIOXIDE	ห้องแบตเตอรี่ (อาคาร DCAP)	10 lbs.	✓		
8	CP-08	CARBONDIOXIDE	ห้องสวิตช์เกียร์ HV-MIS (อาคาร DCAP)	10 lbs.	✓		
9	CP-09	CARBONDIOXIDE	ห้องสายไฟชั้นล่าง	10 lbs.	✓		
10	CP-10	CARBONDIOXIDE	ห้องใต้ดิน ใต้ ชั้น 2	10 lbs.	✓		
11	CP-11	CARBONDIOXIDE	หัว Gen. ของ Steam Turbine	10 lbs.	✓		
12	CP-12	CARBONDIOXIDE	ห้องควบคุมเครื่องกำเนิดไฟฟ้ากังหัน	10 lbs.	✓		
13	CP-13	CARBONDIOXIDE	ห้อง จป. (Guard House)	10 lbs.		✓	วอแจ้ง DCAP Re All
14	CP-14	CARBONDIOXIDE	หัว Gen. ของ Steam Turbine	10 lbs.	✓		
15	CP-15	CARBONDIOXIDE	Guard House	10 lbs.	✓		
16	CP-16	CARBONDIOXIDE	ห้อง จป. (Guard House)	16 Kg.	✓		
17	CP-17	CARBONDIOXIDE	ห้อง จป. (Guard House)	16 Kg.	✓		
18	CP-18	CARBONDIOXIDE	ห้อง จป. (Guard House)	10 lbs.	✓		
19	CP-19	CARBONDIOXIDE	ห้อง จป. (Guard House)	16 Kg.	✓		
20	CP-20	CARBONDIOXIDE	หน้าห้องเครื่องปรับอากาศ	10 lbs.	✓		
21	CP-21	CARBONDIOXIDE	Control Room T.G Chiller Plant	10 lbs.	✓		
22	CP-22	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	✓		
23	CP-23	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	✓		
24	CP-24	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	✓		
25	CP-25	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	✓		
26	CP-26	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 3	16 Kg.	✓		
27	CP-27	CARBONDIOXIDE	ห้อง Control Room ตึก LCB ชั้น 3	16 Kg.	✓		
28	CP-28	CARBONDIOXIDE	ห้อง Control Room ตึก LCB ชั้น 3	16 Kg.	✓		
29	CP-29	CARBONDIOXIDE	ห้อง Control Room ตึก LCB ชั้น 3	16 Kg.	✓		
30	CP-30	CARBONDIOXIDE	ห้องสวิตช์เกียร์ GT2	10 lbs.	✓		
31	CP-31	CARBONDIOXIDE	ห้องเครื่องปรับอากาศ (ตม. กทม. ชั้นล่าง)	10 lbs.	✓		
32	CP-32	CARBONDIOXIDE	ห้องอุปกรณ์ควบคุม (อาคาร DCAP)	10 lbs.	✓		
33	CP-33	CARBONDIOXIDE	ห้องอุปกรณ์ไฟฟ้า (อาคาร DCAP)	10 lbs.	✓		
34	CP-34	CARBONDIOXIDE	ห้องสวิตช์เกียร์ GT1	10 lbs.	✓		
สรุป				ลงชื่อ <u>ศิริกร คีรี</u> ผู้ตรวจสอบ		วันที่ <u>29.07.2567</u>	
				ลงชื่อ <u>สมชาย</u> หัวหน้าหมวด		วันที่ <u>31.7.67</u>	
35	CP-35	CARBONDIOXIDE	อยู่ใน FB-01	16 Kg.	✓		

คำอธิบาย : หน่วยตรวจสอบ ทบม.

สำเนา : จป.วิชาชีพ

Rev Date 26/05/2566



[illegible]



[illegible]







ผู้พิมพ์: บริษัทงานสารพิมพ์ อ.ศ.อ.  
ผู้พิมพ์: บริษัทงานสารพิมพ์ อ.ศ.อ.





โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็นจำกัด

แบบตรวจสอบระบบพิเศษ

1.10 FIRE HOSE HOUSE & HYDRANT



เรณู  
เพื่อป้องกัน  
นายอัครเดช เวชโช  
27 ส.ค. 2567

เรียน.....คณบดี.....		หน่วยงาน ..มสค.3-นพ.	ความถี่ในการตรวจสอบ: .....3.....เดือน/ครั้ง			
สถานที่ Power Plant		วันที่ ..18 / ..08..... / 2567	อ้างอิงมาตรฐานการตรวจสอบ ..... 27 ส.ค. 2567			
NO.	รหัสอุปกรณ์	รายการอุปกรณ์	จำนวน	ใช้งานได้	ชำรุด	รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
1	FHH-P-01 อาคาร TG Chiller ด้านที่จอดรถ	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + ชะแลง	2	2		
		ประแจขันข้อต่อสายดับเพลิง	2	2		
		ประแจเปิด/ปิดหัว HYDRANT	4	4		
		Flush Valve 1HYD-01	-	✓		
2	FHH-P-02 Service Water Tank ด้าน TG CTW	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + ชะแลง	1 + 1	2		* 1 เครื่อง ขึ้น สหกิจ
		ประแจขันข้อต่อสายดับเพลิง	2	2		
		ประแจเปิด/ปิดหัว HYDRANT	4	4		
		Flush Valve 1HYD-02	-	✓		
3	FHH-P -03 Service Water Tank ด้าน GT#2 X'FMER	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + ชะแลง	1 + 1	2		
		ประแจขันข้อต่อสายดับเพลิง	2	2		
		ประแจเปิด/ปิดหัว HYDRANT	4	4		
		Flush Valve 1HYD-03	-	✓		
4	FHH-P -04 Demin. Water Tank	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + ชะแลง	1 + 1	2		
		ประแจขันข้อต่อสายดับเพลิง	2	2		
		ประแจเปิด/ปิดหัว HYDRANT	4	4		
		Flush Valve 1HYD-04	-	✓		



NO.	รหัสอุปกรณ์	รายการอุปกรณ์	จำนวน	ใช้งานได้	ชำรุด	รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
5	FHH-P-05 Air Compressor	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		อะไหล่	1	1		
		ประแจขันข้อต่อสายดับเพลิง	2	2		
		ประแจเปิด/ปิดหัว HYDRANT	4	4		
		Flush Valve IHYD-05	-	✓		
6	FHH-P-06 HRSG # 2	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + อะไหล่	1 + 1	2		
		ประแจขันข้อต่อสายดับเพลิง	2	2		
		ประแจเปิด/ปิดหัว HYDRANT	4	4		
		Flush Valve IHYD-06	-	✓		
7	FHH-P-07 HRSG # 1	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + อะไหล่	1 + 1	2		
		ประแจขันข้อต่อสายดับเพลิง	2	2		
		ประแจเปิด/ปิดหัว HYDRANT	4	4		
		Flush Valve IHYD-07	-	✓		
8	FHH-P-08 Holding Pond	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	5	✓ 5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + อะไหล่	1 + 1	2		
		ประแจขันข้อต่อสายดับเพลิง	2	2		
		ประแจเปิด/ปิดหัว HYDRANT	3	3		
		Flush Valve IHYD-08	-	✓		
9	FHH-P-09 FG Scrubber	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + อะไหล่	1 + 1	2		
		ประแจขันข้อต่อสายดับเพลิง	2	2		
		ประแจเปิด/ปิดหัว HYDRANT	4	4		
		Flush Valve IHYD-09	-	✓		



NO.	รหัสอุปกรณ์	รายการอุปกรณ์	จำนวน	ใช้งานได้	ชำรุด	รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
10	FHH-P-10 GT Aux. Cooling  * HYD-10	สภาพตู้เก็บอุปกรณ์	-	✓		* ชื่อนักๆ 1 HYD-10
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + อะไหล่	2	2		
		ประแจขันข้อต่อสายดับเพลิง	4	4		
		ประแจเปิด/ปิดหัว HYDRANT	2	2		
		Flush Valve 1HYD-10	-	✓		
11	FHH-P-11 ข้างสนามฟุตบอล  * 1HYD-11	สภาพตู้เก็บอุปกรณ์	-	✓		* ชื่อนักๆ 1 HYD-11
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + อะไหล่	2	2		
		ประแจขันข้อต่อสายดับเพลิง	4	4		
		ประแจเปิด/ปิดหัว HYDRANT	2	2		
		Flush Valve 1HYD-11	-	✓		
12	FHH-P-12 FG Booster  1HYD-12	สภาพตู้เก็บอุปกรณ์	-	✓		ชื่อนักๆ 1 HYD-12
		สายฉีดน้ำดับเพลิง	5	5		
		หัวฉีดน้ำแบบตรงและข้อต่อ	2	2		
		หัวฉีดน้ำแบบปรับได้	2	2		
		ขวาน + อะไหล่	1 + 1	2		
		ประแจขันข้อต่อสายดับเพลิง	4	4		
		ประแจเปิด/ปิดหัว HYDRANT	2	2		
		Flush Valve 1HYD-12	-	✓		
สรุป.....				ลงชื่อ..... 8801/ ครรโต ..... ผู้ตรวจสอบ 18 / 08 / 2567 ลงชื่อ..... 8801/ ..... หัวหน้าหมวดฯ 18 / 8 / 67		

ต้นฉบับ : หน่วยงานตรวจสอบ คกบผ.  
สำเนา : จป.วิชาชีพ





โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็นจำกัด

แบบตรวจสอบระบบพิเศษ



1.3 อุปกรณ์ดับเพลิงชนิด TANK FOAM & MOBILE FOAM

เรียน.....คกบค.....	หน่วยงาน ๒๓๓-๒๒.	ความถี่ในการตรวจสอบ: .....3.....เดือน/ ครั้ง				
สถานที่ Power Plant	วันที่ 18 / 08 / 2567	อ้างอิงมาตรฐานการตรวจสอบ .....				
NO.	รหัสอุปกรณ์	รายการอุปกรณ์	จำนวน	พร้อมใช้งาน	ชำรุด	รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
1	TANK FOAM Diesel Oil Tank	สภาพถังโฟม	-	/		
		ระดับโฟม	-	X		ไม่พ.
		วาล์วเปิด-ปิดโฟมดับเพลิง	-	/		
		วาล์วเปิด-ปิดน้ำดับเพลิง	-	/		
2	MOBILE FOAM-1 GT# 1	สภาพถังโฟม	-	/		
		ระดับโฟม	-	/		
		สายฉีดโฟม	2	2		
		หัวฉีดโฟมแบบตรง	1	1		
3	MOBILE FOAM-2 GT# 2	สภาพถังโฟม	-	/		
		ระดับโฟม	-	/		
		สายฉีดโฟม	2	2		
		หัวฉีดโฟมแบบตรง	1	1		
4	MOBILE FOAM-3 STG	สภาพถังโฟม	-	/		
		ระดับโฟม	-	/		
		สายฉีดโฟม	2	2		
		หัวฉีดโฟมแบบตรง	1	1		
สรุป.....				ลงชื่อ..... ๔๖๗ กวโค ผู้ตรวจสอบ 18 / 08 / 2567 ลงชื่อ..... ห้วนหน้าหมวกฯ 18 / 8 / 67		

ต้นฉบับ : หน่วยงานตรวจสอบ คกบค.

สำเนา : จป.วิชาชีพ





โครงการเดินเครื่องและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็นจำกัด

แบบตรวจสอบระบบพิเศษ

1.09 FIRE HOSE CABINET



เรียน.....คกบศ.....	หน่วยงาน . สกค.อ.บ.บ.	ความถี่ในการตรวจสอบ: .....3.....เดือน/ ครั้ง				
สถานที่ Power Plant	วันที่ 18 / 08 / 2567	อ้างอิงมาตรฐานการตรวจสอบ .....				
NO.	รหัสอุปกรณ์	รายการอุปกรณ์	จำนวน	ใช้งานได้	ชำรุด	รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
1	FHC-P-01 TG Control Room	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		
2	FHC-P-02 2PSP-Tank 1A (TG)	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		
3	FHC-P-03 ECH-1E (TG)	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		
4	FHC-P-04 SUS 51 Transformer (TG)	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		
5	FHC-P-05 GT#2 Transformer	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		
6	FHC-P-06 หม้อแปลง SUS 11 (CCR)	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		
7	FHC-P-07 Office DCAP ชั้น 3	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		



NO.	รหัสอุปกรณ์	รายการอุปกรณ์	จำนวน	ใช้งานได้	ชำรุด	รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
8	FHC-P-08 IAPE-XF-2 X'FMER	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		
9	FHC-P-09 ในอาคาร WTP	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		
10	FHC-P-10 GT#1 Transformer	สภาพตู้เก็บอุปกรณ์	-	✓		
		สายฉีดน้ำดับเพลิง	1	1		
		หัวฉีดน้ำดับเพลิง	1	1		
		ประแจเปิด/ปิด Valve	1	1		
สรุป.....				ลงชื่อ..... <u>สุระเดช</u> ..... <u>ทวี</u> ..... ผู้ตรวจสอบ ..... <u>18</u> / <u>08</u> / <u>2567</u> ลงชื่อ..... <u>Jim</u> ..... หัวหน้าหมวดฯ ..... <u>18</u> / <u>8</u> / <u>67</u> .....		

ต้นฉบับ : หน่วยงานตรวจสอบ คกบผ.  
 สำเนา : จป.วิชาชีพ





การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย  
ELECTRICITY GENERATING AUTHORITY OF THAILAND

53 หมู่ 2 ถนนจรูญสนิทวงศ์ บางกรวย นนทบุรี 11130 โทรศัพท์ 0 2433 6317, 0 2433 5523, 0 2434 4064 www.egat.co.th  
53 Moo 2 Charansanitwong Rd. Bang Krui Nonthaburi 11130 Thailand Fax (66) 2433 6317, 2433 5523, 2434 4064

วันที่ DCAP. 1034 / 2567

ลงวันที่ - 9 ก.ย. 2567

ที่ กฟผ. S720E00/426/2567

วันที่ 4 กันยายน 2567

เรื่อง รายงานผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนสิงหาคม ปี พ.ศ. 2567

เรียน รองผู้จัดการใหญ่อาวุโส รักษาการผู้จัดการใหญ่

สิ่งที่แนบมาด้วย บันทึกผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนสิงหาคม ปี พ.ศ. 2567

ตามที่ โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็นบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (คกบผ.) ขอส่งรายงานผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนสิงหาคม ปี พ.ศ. 2567 ซึ่งเป็นไปตามมาตรฐานการตรวจสอบอุปกรณ์ดับเพลิงของประกาศกระทรวงอุตสาหกรรม เรื่อง : การป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. ๒๕๕๒ กำหนดให้มีการตรวจสอบอุปกรณ์ดับเพลิงทุก 6 เดือน (2 ครั้งต่อปี) โดย คกบผ. กำหนดให้เพิ่มการตรวจสอบอุปกรณ์ดับเพลิงในพื้นที่ Power Plant และ PTC Chiller Plant East & West Side เป็นระยะเวลาทุก 1 เดือน (12 ครั้งต่อปี) เพื่อให้มีความพร้อมในการใช้งานได้อย่างมีประสิทธิภาพ

ดังนั้น คกบผ. จึงใคร่ขอรายงานผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนสิงหาคม ปี พ.ศ. 2567 โดยมีรายละเอียดตามเอกสารแนบ

จึงเรียนมาเพื่อโปรดพิจารณา

เรียน PGM/QSAE

☐ เพื่อทราบ

☐ เพื่อโปรดดำเนินการ

☐ เพื่อพิจารณา

ขอแสดงความนับถือ

นายอดุลย์ เชิดชูไชย

หัวหน้าโครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้า  
และหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็นจำกัด

นายอรรถวุฒิ วรรณมธุณี  
รองผู้จัดการใหญ่อาวุโส  
รักษาการผู้จัดการใหญ่  
10 ก.ย. 2567

JM  
ภาคพัฒนาระบบฯ จุก  
ไม่พบปัญหา  
10-9-67



## การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

บันทึก

จาก นายศุภเดช สุขสัมฤทธิ์เดช  
เรื่อง ผลการตรวจสอบอุปกรณ์ดับเพลิง  
พื้นที่ Power Plant & PTC Chiller Plant  
ประจำ เดือน สิงหาคม ปี พ.ศ. 2567  
วันที่ 4 กันยายน พ.ศ. 2567

เรียน

คกบผ. ผ่าน ช.คกบผ.  
นายฐานวัฒน์ โกศลโรจน์รัฐ  
04 SEP 2024

ตามที่หน่วยงาน คกบผ. มีหน้าที่รับผิดชอบการเดินเครื่องและบำรุงรักษาโรงไฟฟ้า และหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด ซึ่งมาตรฐานการตรวจสอบอุปกรณ์ดับเพลิงของประกาศกระทรวงอุตสาหกรรม เรื่อง : การป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. ๒๕๕๒ กำหนดให้มีการตรวจสอบอุปกรณ์ดับเพลิงทุก 6 เดือน ทั้งนี้ได้กำหนดแผนให้มีการตรวจสอบอุปกรณ์ดับเพลิง ให้มีความพร้อมในการใช้งานอย่างมีประสิทธิภาพเป็นประจำทุก 1 เดือน พื้นที่ Power Plant & PTC Chiller Plant East & West Side ประจำเดือนสิงหาคม พ.ศ. 2567 รายละเอียดดังนี้

NO.	รายชื่ออุปกรณ์	จำนวน	สถานะ	หมายเหตุ
1	Dry Chemical	Power Plant = 51 ถัง	สภาพพร้อมใช้งาน จำนวน 43 ถัง	
			ถังสำรองพร้อมใช้งาน จำนวน 8 ถัง	
		PTC East Side = 12 ถัง	สภาพพร้อมใช้งาน จำนวน 12 ถัง	
		PTC West Side = 13 ถัง	สภาพพร้อมใช้งาน จำนวน 13 ถัง	
		SAT-1 Chiller Plant	-	ทุก 3 เดือน
2	ถังเคมีสูตรน้ำ/ BF2000	Power Plant = 3 ถัง	สภาพพร้อมใช้งาน จำนวน 3 ถัง	
		PTC East Side = 1 ถัง	สภาพพร้อมใช้งาน จำนวน 1 ถัง	
3	Carbon dioxide	Power Plant = 43 ถัง	สภาพพร้อมใช้งาน จำนวน 34 ถัง	
			ถังสำรองพร้อมใช้งาน จำนวน 8 ถัง	
			ถังสำรองรอ Refill จำนวน 1 ถัง	
		PTC East Side = 8 ถัง	สภาพพร้อมใช้งาน จำนวน 8 ถัง	
		PTC West Side = 6 ถัง	สภาพพร้อมใช้งาน จำนวน 6 ถัง	
		SAT-1 Chiller Plant = 3 ถัง	-	ทุก 3 เดือน
4	Fire Hose House	Power Plant = 12 จุด	สภาพพร้อมใช้งาน จำนวน 12 ถัง	
5	Fire Hose Cabinet	Power Plant = 10 จุด	สภาพพร้อมใช้งาน จำนวน 10 ถัง	
6	Fire Extinguisher	Power Plant = 4 จุด	สภาพพร้อมใช้งาน จำนวน 4 จุด	
7	Mobile Foam	Power Plant = 3 จุด	สภาพพร้อมใช้งาน จำนวน 3 จุด	
8	Tank Foam	Power Plant = 1 จุด	สภาพพร้อมใช้งาน จำนวน 1 จุด	

**หมายเหตุ:** รายละเอียดผลการตรวจเช็คอุปกรณ์ดับเพลิงทั้งหมดตามเอกสารแนบ  
จึงเรียนมาเพื่อโปรดพิจารณา

สำเนา : แพ้ม

ลงชื่อ .....  
(นายศุภเดช สุขสัมฤทธิ์เดช)  
เจ้าหน้าที่ความปลอดภัยระดับวิชาชีพ



<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <b>โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตไฟฟ้า บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด</b>  <b>แบบตรวจสอบระบบพิเศษ</b>  <b>ถังดับเพลิง DRY CHEMICAL และเคมีสูตรน้ำ</b> </div> </div>							
<b>เรียน</b> <u>ศิริพงษ์</u>		<b>หน่วยงาน</b> <u>210.PA-200</u>		<b>ความถี่ในการตรวจสอบ :</b> 1 ครั้ง/เดือน			
<b>สถานที่ :</b> Power Plant		<b>วันที่ตรวจสอบ :</b>		<b>อ้างอิงมาตรฐานการตรวจสอบ :</b> ประกาศกระทรวงอุตสาหกรรมเรื่องป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552			
NO.	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ/ชนิด	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
1	DP-01	DRY CHEMICAL	ในตู้ FHC-P-01	15 lbs.	✓		
2	DP-02	DRY CHEMICAL	ในตู้ FHC-P-02	15 lbs.	✓		
3	DP-03	DRY CHEMICAL	ในตู้ FHC-P-03	15 lbs.	✓		
4	DP-04	DRY CHEMICAL	ในตู้ FHC-P-04	15 lbs.	✓		
5	DP-05	DRY CHEMICAL	ในตู้ FHC-P-05	15 lbs.	✓		
6	DP-06	DRY CHEMICAL	ในตู้ FHC-P-06	15 lbs.	✓		
7	DP-07	DRY CHEMICAL	ในตู้ FHC-P-07	15 lbs.	✓		
8	DP-08	DRY CHEMICAL	ในตู้ FHC-P-08	15 lbs.	✓		
9	DP-09	DRY CHEMICAL	ในตู้ FHC-P-09	15 lbs.	✓		
10	DP-10	DRY CHEMICAL	ในตู้ FHC-P-10	15 lbs.	✓		
11	DP-11	DRY CHEMICAL	อยู่ใน FE-01	15 lbs.	✓		
12	DP-12	DRY CHEMICAL	อยู่ใน FE-01	15 lbs.	✓		
13	DP-13	DRY CHEMICAL	อยู่ใน FE-02	10 lbs.	✓		
14	DP-14	DRY CHEMICAL	อยู่ใน FE-02	15 lbs.	✓		
15	DP-15	DRY CHEMICAL	อยู่ใน FE-03	15 lbs.	✓		
16	DP-16	DRY CHEMICAL	อยู่ใน FE-03	15 lbs.	✓		
17	DP-17	DRY CHEMICAL	อยู่ใน FE-03	15 lbs.	✓		
18	DP-18	DRY CHEMICAL	อยู่ใน FE-04	15 lbs.	✓		
19	DP-19	DRY CHEMICAL	อยู่ใน FE-04	15 lbs.	✓		
20	DP-20	DRY CHEMICAL	ห้อง ๗ป. (Guard House)	15 lbs.	✓		
21	DP-21	DRY CHEMICAL	Guard House	15 lbs.	✓		
22	DP-22	DRY CHEMICAL	Guard House	15 lbs.	✓		
23	DP-23	DRY CHEMICAL	Guard House	15 lbs.	✓		
24	DP-24	DRY CHEMICAL	ห้อง ๗ป. (Guard House)	10 lbs.	✓		
25	DP-25	DRY CHEMICAL	ห้อง ๗ป. (Guard House)	15 lbs.	✓		
26	DP-26	DRY CHEMICAL	ห้อง ๗ป. (Guard House)	10 lbs.	✓		
27	DP-27	DRY CHEMICAL	น้ำ Gas Metering Station	15 lbs.	✓		
28	DP-28	DRY CHEMICAL	ถังน้ำมัน Oil Tank	15 lbs.	✓		
29	DP-29	DRY CHEMICAL	ST Cooling Tower	10 lbs.	✓		
30	DP-30	DRY CHEMICAL	ค้ำหลังอาคาร Auxiliary Boiler	15 lbs.	✓		
31	DP-31	DRY CHEMICAL	ค้ำหลังอาคาร Auxiliary Boiler	10 lbs.	✓		
32	DP-32	DRY CHEMICAL	ค้ำหลังอาคาร Auxiliary Boiler	15 lbs.	✓		
33	DP-33	DRY CHEMICAL	ค้ำหลังอาคาร Auxiliary Boiler	10 lbs.	✓		
34	DP-34	DRY CHEMICAL	ค้ำหลังอาคาร Auxiliary Boiler	15 lbs.	✓		

**สรุป** อุปกรณ์พร้อมใช้งาน

**ลงชื่อ** ศิริพงษ์ **ผู้ตรวจสอบ**  
30 ก.ค. 2567  
**ลงชื่อ** Abel **หัวหน้าหมวด**  
31 ก.ค. 67









เขียน : <u>กานพ</u>			หน่วยงาน : <u>ชุด ๑4 ขบ</u>		ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน		
สถานที่ : Power Plant			วันที่ตรวจสอบ :		อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่อง ป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552		
NO.	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ กน.พ.	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุดเสียหายเหตุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
1	CP-01	CARBONDIOXIDE	หม้อไอน้ำอุปกรณ์ควบคุม CCR	10 lbs.	✓		
2	CP-02	CARBONDIOXIDE	Fire Pump	10 lbs.	✓		
3	CP-03	CARBONDIOXIDE	Fire Pump	10 lbs.	✓		
4	CP-04	CARBONDIOXIDE	ห้องอุปกรณ์ควบคุม (อาคาร DCAP)	10 lbs.	✓		
5	CP-05	CARBONDIOXIDE	ห้องเครื่องปรับอากาศ (อาคาร DCAP)	10 lbs.	✓		
6	CP-06	CARBONDIOXIDE	ห้องเครื่องปรับอากาศ (สนง. คกบพ.)	10 lbs.	✓		
7	CP-07	CARBONDIOXIDE	ห้องเบสเคอร์รี่ (อาคาร DCAP)	10 lbs.	✓		
8	CP-08	CARBONDIOXIDE	ห้องสวิตช์เกียร์ HV-GIS (อาคาร DCAP)	10 lbs.	✓		
9	CP-09	CARBONDIOXIDE	ห้องสายไฟฟ้าชั้นต่ำ	10 lbs.	✓		
10	CP-10	CARBONDIOXIDE	ห้องไดนาโม ไค ชั้น 2	10 lbs.	✓		
11	CP-11	CARBONDIOXIDE	หัว Gen. ๒04 Steam Turbine	10 lbs.	✓		
12	CP-12	CARBONDIOXIDE	ห้องควบคุมเครื่องกำเนิดไฟฟ้ากังหัน	10 lbs.	✓		
13	CP-13	CARBONDIOXIDE	ห้อง จป. (Guard House)	10 lbs.		✓	รอด CAP ส่ง Re-fill
14	CP-14	CARBONDIOXIDE	หัว Gen. ๒04 Steam Turbine	10 lbs.	✓		
15	CP-15	CARBONDIOXIDE	Guard House	10 lbs.	✓		
16	CP-16	CARBONDIOXIDE	ห้อง จป. (Guard House)	16 Kg.	✓		
17	CP-17	CARBONDIOXIDE	ห้อง จป. (Guard House)	16 Kg.	✓		
18	CP-18	CARBONDIOXIDE	ห้อง จป. (Guard House)	10 lbs.	✓		
19	CP-19	CARBONDIOXIDE	ห้อง จป. (Guard House)	16 Kg.	✓		
20	CP-20	CARBONDIOXIDE	หม้อไอน้ำเครื่องปรับอากาศ	10 lbs.	✓		
21	CP-21	CARBONDIOXIDE	Control Room TG Chiller Plant	10 lbs.	✓		
22	CP-22	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	✓		
23	CP-23	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	✓		
24	CP-24	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	✓		
25	CP-25	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	✓		
26	CP-26	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 3	16 Kg.	✓		
27	CP-27	CARBONDIOXIDE	ห้อง Control Room ตึก LCB ชั้น 3	16 Kg.	✓		
28	CP-28	CARBONDIOXIDE	ห้อง Control Room ตึก LCB ชั้น 3	16 Kg.	✓		
29	CP-29	CARBONDIOXIDE	ห้อง Control Room ตึก LCB ชั้น 3	16 Kg.	✓		
30	CP-30	CARBONDIOXIDE	ห้องสวิตช์เกียร์ GT2	10 lbs.	✓		
31	CP-31	CARBONDIOXIDE	ห้องเครื่องปรับอากาศ (คกบพ. ชั้นล่าง)	10 lbs.	✓		
32	CP-32	CARBONDIOXIDE	ห้องอุปกรณ์ควบคุม (อาคาร DCAP)	10 lbs.	✓		
33	CP-33	CARBONDIOXIDE	ห้องอุปกรณ์ไฟฟ้า (อาคาร DCAP)	10 lbs.	✓		
34	CP-34	CARBONDIOXIDE	ห้องเพอร์ซันเนล GT1	10 lbs.	✓		

สรุป อุปกรณ์พร้อมใช้งาน

ลงชื่อ กานพ ผู้ตรวจสอบ

ลงชื่อ กานพ หัวหน้างาน



[illegible]



[illegible]





## แบบตรวจสอบระบบพิเศษ

ถังดับเพลิง DRY CHEMICAL และเคมีสูตรน้ำ



เรียน <u>คุณ</u>		หน่วยงาน <u>มูลนิธิ-๑๑</u>		ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน			
สถานที่ : PTC Chiller Plant		วันที่ตรวจสอบ :		อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่อง ป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552			
NO.	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ/ ขนาด	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
DRY CHEMICAL @ PTC Chiller Plant (East)							
1	DE-01	DRY CHEMICAL	ในตู้ FHC-E-01	15 lbs.	/		Visual Inspect สภาพ.....หรือใช้วัน (AOT)
2	DE-02	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	10 lbs.	/		
3	DE-03	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	10 lbs.	/		
4	DE-04	DRY CHEMICAL	ในตู้ FHC-E-02 (ชั้นล่าง)	15 lbs.	/		Visual Inspect สภาพ.....หรือใช้วัน (AOT)
5	DE-05	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	15 lbs.	/		
6	DE-06	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	10 lbs.	/		
7	DE-07	DRY CHEMICAL	ในตู้ FHC-E-03 (ชั้นล่าง)	15 lbs.	/		Visual Inspect สภาพ.....หรือใช้วัน (AOT)
8	DE-08	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นล่าง)	15 lbs.	/		
9	DE-09	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นล่าง)	10 lbs.	/		
10	DE-10	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นล่าง)	15 lbs.	/		
11	DE-11	DRY CHEMICAL	ในตู้ FHC-E-04 (ชั้นบน)	15 lbs.	/		Visual Inspect สภาพ.....หรือใช้วัน (AOT)
12	DE-12	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นบน)	15 lbs.	/		
13	DE-13	DRY CHEMICAL	ในตู้ FHC-E-05 (ชั้นบน)	15 lbs.	/		Visual Inspect สภาพ.....หรือใช้วัน (AOT)
14	DE-14	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นบน)	15 lbs.	/		
15	DE-15	DRY CHEMICAL	ในตู้ FHC-E-06 (ชั้นบน)	15 lbs.	/		Visual Inspect สภาพ.....หรือใช้วัน (AOT)
16	DE-16	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นบน)	15 lbs.	/		
17	DE-17	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นบน)	15 lbs.	/		
18	DE-18	DRY CHEMICAL	ในตู้ FHC-E-07 (ชั้นบน)	15 lbs.	/		Visual Inspect สภาพ.....หรือใช้วัน (AOT)
19	DE-19	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นบน)	15 lbs.	/		
20	NC-17	เคมีสูตรน้ำ/BF-2000	PTC East ชั้น 2 ใกล้หม้อไอน้ำ	15 lbs.	/		
สรุป					ลงชื่อ <u>จุฬารัตน์</u> ผู้ตรวจสอบ วันที่ <u>31/12/17</u> ลงชื่อ <u>Silp</u> หัวหน้าหมวด ที่ <u>31/12/17</u>		





แบบตรวจสอบระบบพิเศษ  
ถังดับเพลิง DRY CHEMICAL และเคมีสูตรน้ำ



เรียน <u>คณบดี</u>		หน่วยงาน <u>ม.อ. ๒๕-๒๖</u>		ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน			
สถานที่ : PTC Chiller Plant		วันที่ตรวจสอบ :		อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่อง ป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552			
NO.	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ/ ขนาด	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
DRY CHEMICAL @ PTC Chiller Plant (West)							
1	DW-01	DRY CHEMICAL	ในตู้ FHC-W-01 (ชั้นล่าง)	15 lbs./195 PSI	/		Visual Inspect สภาพ.....พร้อมใช้งาน (AOT)
2	DW-02	DRY CHEMICAL	หน้าห้องสวิตช์เกียร์ (ชั้นล่าง)	15 lbs./195 PSI	/		
3	DW-03	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	15 lbs./195 PSI	/		
4	DW-04	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	15 lbs./195 PSI	/		
5	DW-05	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	15 lbs./195 PSI	/		
6	DW-06	DRY CHEMICAL	ในอาคารด้านซ้าย(ชั้นล่าง)	15 lbs./195 PSI	/		
7	DW-07	DRY CHEMICAL	ในอาคารด้านซ้าย(ชั้นล่าง)	15 lbs./195 PSI	/		
8	DW-08	DRY CHEMICAL	ในตู้ FHC-W-02 (ชั้นล่าง)	15 lbs./195 PSI	/		Visual Inspect สภาพ.....พร้อมใช้งาน (AOT)
9	DW-09	DRY CHEMICAL	ในอาคารด้านซ้าย(ชั้นล่าง)	15 lbs./195 PSI	/		
10	DW-10	DRY CHEMICAL	ในอาคารด้านซ้าย(ชั้นบน)	15 lbs./195 PSI	/		
11	DW-11	DRY CHEMICAL	ในอาคารด้านซ้าย(ชั้นบน)	10 lbs./195 PSI	/		
12	DW-12	DRY CHEMICAL	ในตู้ FHC-W-04 (ชั้นบน)	15 lbs./195 PSI	/		Visual Inspect สภาพ.....พร้อมใช้งาน (AOT)
13	DW-13	DRY CHEMICAL	ในอาคารด้านซ้าย(ชั้นบน)	15 lbs./195 PSI	/		
14	DW-14	DRY CHEMICAL	ในตู้ FHC-W-05 (ชั้นบน)	15 lbs./195 PSI	/		Visual Inspect สภาพ.....พร้อมใช้งาน (AOT)
15	DW-15	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นบน)	15 lbs./195 PSI	/		
16	DW-16	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นบน)	15 lbs./195 PSI	/		
17	DW-17	DRY CHEMICAL	ในตู้ FHC-W-06 (ชั้นบน)	15 lbs./195 PSI	/		Visual Inspect สภาพ.....พร้อมใช้งาน (AOT)
18	DW-18	DRY CHEMICAL	ในอาคารด้านทิศใต้ (ชั้นบน)	15 lbs./195 PSI	/		
สรุป					ลงชื่อ <u>กวี ใจดี</u> ผู้ตรวจสอบ		
					ลงชื่อ <u>กวี ใจดี</u> หัวหน้าหมวด		
					๐๑ / ๕๙ / ๖๒		





การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย  
ELECTRICITY GENERATING AUTHORITY OF THAILAND

รับที่ DCAP. 1443 / 2567  
ลงวันที่ 11 ธ.ค. 2567

53 หมู่ 2 ถนนจรูญสนทวงศ์ บางกรวย นนทบุรี 11130 โทรสาร 0 2433 6317, 0 2433 5523, 0 2434 4064 www.egat.co.th  
53 Moo 2 Charansanitwong Rd. Bang Kruai Nonthaburi 11130 Thailand Fax (66) 2433 6317, 2433 5523, 2434 4064

ที่ กฟผ. S720E00/554/2567

วันที่ 4 ธันวาคม 2567

เรื่อง รายงานผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนพฤศจิกายน ปี พ.ศ. 2567

เรียน รองผู้จัดการใหญ่อาวุโส รักษาการผู้จัดการใหญ่

สิ่งที่แนบมาด้วย บันทึกผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนพฤศจิกายน ปี พ.ศ. 2567

ตามที่ โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตน้ำเย็นบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (คกบผ.) ขอส่งรายงานผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนพฤศจิกายน ปี พ.ศ. 2567 ซึ่งเป็นไปตามมาตรฐานการตรวจสอบอุปกรณ์ดับเพลิงของประกาศกระทรวงอุตสาหกรรม เรื่อง : การป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. ๒๕๕๒ กำหนดให้มีการตรวจสอบอุปกรณ์ดับเพลิงทุก 6 เดือน (2 ครั้งต่อปี) โดย คกบผ. กำหนดให้เพิ่มการตรวจสอบอุปกรณ์ดับเพลิงในพื้นที่ Power Plant และ PTC Chiller Plant East & West Side เป็นระยะเวลาทุก 1 เดือน (12 ครั้งต่อปี) เพื่อให้มีความพร้อมในการใช้งานได้อย่างมีประสิทธิภาพ

ดังนั้น คกบผ. จึงใคร่ขอรายงานผลการตรวจสอบอุปกรณ์ดับเพลิง ประจำเดือนพฤศจิกายน ปี พ.ศ. 2567 โดยมีรายละเอียดตามเอกสารแนบ

เรียน *PdM* จึงเรียนมาเพื่อโปรดพิจารณา

- ☐ เพื่อทราบ  
☐ เพื่อโปรดดำเนินการ  
☒ เพื่อพิจารณา

*[Signature]*  
นายอรรถวุฒิ วรรณมธุณี  
รองผู้จัดการใหญ่อาวุโส  
รักษาการผู้จัดการใหญ่  
11 ธ.ค. 2567

ขอแสดงความนับถือ

*[Signature]*  
(นายฐานวัฒน์ โกสินโรจน์รัฐ)

รักษาการหัวหน้าโครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้า  
และหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็นจำกัด

EMM / JM

เพื่อทบทวน / ก่อเค็พ  
*[Signature]*  
๒-12-67



**เอกสารแนบ**



## การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

### บันทึก

จาก	นายศุภเดช สุขสัมฤทธิ์เดช	เรียน	
เรื่อง	รายงานผลการตรวจสอบอุปกรณ์ดับเพลิง พื้นที่ Power Plant & PTC Chiller Plant ประจำ เดือน พฤศจิกายน ปี พ.ศ. 2567		รก.คกบผ.
วันที่	4 ธันวาคม พ.ศ. 2567		

ตามที่หน่วยงาน คกบผ. มีหน้าที่รับผิดชอบการเดินเครื่องและบำรุงรักษาโรงไฟฟ้า และหน่วยผลิตน้ำเย็น บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด ซึ่งมาตรฐานการตรวจสอบอุปกรณ์ดับเพลิงของประกาศกระทรวงอุตสาหกรรม เรื่อง : การป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. ๒๕๕๒ กำหนดให้มีการตรวจสอบอุปกรณ์ดับเพลิงทุก 6 เดือน ทั้งนี้ได้กำหนดแผนให้มีการตรวจสอบอุปกรณ์ดับเพลิง ให้มีความพร้อมในการใช้งานอย่างมีประสิทธิภาพเป็นประจำทุก 1 เดือน พื้นที่ Power Plant & PTC Chiller Plant East & West Side ประจำเดือนพฤศจิกายน พ.ศ. 2567 รายละเอียดดังนี้

NO.	รายชื่ออุปกรณ์	จำนวน	สถานะ	หมายเหตุ
1	Dry Chemical	Power Plant = 51 ถัง	สภาพพร้อมใช้งาน จำนวน 43 ถัง ถังสำรองพร้อมใช้งาน จำนวน 8 ถัง	
		PTC East Side = 12 ถัง	สภาพพร้อมใช้งาน จำนวน 12 ถัง	
		PTC West Side = 13 ถัง	สภาพพร้อมใช้งาน จำนวน 13 ถัง	
		SAT-1 Chiller Plant	-	ทุก 3 เดือน
2	ถังเคมีสูตรน้ำ/ BF2000	Power Plant = 3 ถัง	สภาพพร้อมใช้งาน จำนวน 3 ถัง	
		PTC East Side = 1 ถัง	สภาพพร้อมใช้งาน จำนวน 1 ถัง	
3	Carbon dioxide	Power Plant = 44 ถัง	สภาพพร้อมใช้งาน จำนวน 35 ถัง ถังสำรองพร้อมใช้งาน จำนวน 8 ถัง ถังสำรองรอ Refill จำนวน 1 ถัง	
		PTC East Side = 10 ถัง	สภาพพร้อมใช้งาน จำนวน 10 ถัง	
		PTC West Side = 8 ถัง	สภาพพร้อมใช้งาน จำนวน 8 ถัง	
		SAT-1 Chiller Plant = 3 ถัง	-	ทุก 3 เดือน
4	Fire Hose House	Power Plant = 12 จุด	-	ทุก 3 เดือน
5	Fire Hose Cabinet	Power Plant = 10 จุด	-	ทุก 3 เดือน
6	Fire Extinguisher	Power Plant = 4 จุด	-	ทุก 3 เดือน
7	Mobile Foam	Power Plant = 3 จุด	-	ทุก 3 เดือน
8	Tank Foam	Power Plant = 1 จุด	-	ทุก 3 เดือน

**หมายเหตุ:** รายละเอียดผลการตรวจเช็คอุปกรณ์ดับเพลิงทั้งหมดตามเอกสารแนบ

จึงเรียนมาเพื่อโปรดพิจารณา


ลงชื่อ .....

(นายศุภเดช สุขสัมฤทธิ์เดช)

สำเนา : แพ้ม

เจ้าหน้าที่ความปลอดภัยในการทำงานระดับวิชาชีพ






โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตไฟฟ้า บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

แบบตรวจสอบระบบพิเศษ

ถังดับเพลิง DRY CHEMICAL และเครื่องสูบน้ำ



DCAP

เรียน กรรมการบริหาร บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

สถานที่ : Power Plant

ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน

อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่องป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552

NO.	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ/ขนาด	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
1	DP-01	DRY CHEMICAL	ในตู้ FHC-P-01	15 lbs.	/		
2	DP-02	DRY CHEMICAL	ในตู้ FHC-P-02	15 lbs.	/		
3	DP-03	DRY CHEMICAL	ในตู้ FHC-P-03	15 lbs.	/		
4	DP-04	DRY CHEMICAL	ในตู้ FHC-P-04	15 lbs.	/		
5	DP-05	DRY CHEMICAL	ในตู้ FHC-P-05	15 lbs.	/		
6	DP-06	DRY CHEMICAL	ในตู้ FHC-P-06	15 lbs.	/		
7	DP-07	DRY CHEMICAL	ในตู้ FHC-P-07	15 lbs.	/		
8	DP-08	DRY CHEMICAL	ในตู้ FHC-P-08	15 lbs.	/		
9	DP-09	DRY CHEMICAL	ในตู้ FHC-P-09	15 lbs.	/		
10	DP-10	DRY CHEMICAL	ในตู้ FHC-P-10	15 lbs.	/		
11	DP-11	DRY CHEMICAL	อยู่ใน FE-01	15 lbs.	/		
12	DP-12	DRY CHEMICAL	อยู่ใน FE-01	15 lbs.	/		
13	DP-13	DRY CHEMICAL	อยู่ใน FE-02	10 lbs.	/		
14	DP-14	DRY CHEMICAL	อยู่ใน FE-02	15 lbs.	/		
15	DP-15	DRY CHEMICAL	อยู่ใน FE-03	15 lbs.	/		
16	DP-16	DRY CHEMICAL	อยู่ใน FE-03	15 lbs.	/		
17	DP-17	DRY CHEMICAL	อยู่ใน FE-03	15 lbs.	/		
18	DP-18	DRY CHEMICAL	อยู่ใน FE-04	15 lbs.	/		
19	DP-19	DRY CHEMICAL	อยู่ใน FE-04	15 lbs.	/		
20	DP-20	DRY CHEMICAL	ห้อง จป. (Guard House)	15 lbs.	/		
21	DP-21	DRY CHEMICAL	Guard House	15 lbs.	/		
22	DP-22	DRY CHEMICAL	Guard House	15 lbs.	/		
23	DP-23	DRY CHEMICAL	Guard House	15 lbs.	/		
24	DP-24	DRY CHEMICAL	ห้อง จป. (Guard House)	10 lbs.	/		
25	DP-25	DRY CHEMICAL	ห้อง จป. (Guard House)	15 lbs.	/		
26	DP-26	DRY CHEMICAL	ห้อง จป. (Guard House)	10 lbs.	/		
27	DP-27	DRY CHEMICAL	หน้า Gas Metering Station	15 lbs.	/		
28	DP-28	DRY CHEMICAL	ด้านข้าง Oil Tank	15 lbs.	/		
29	DP-29	DRY CHEMICAL	ST Cooling Tower	10 lbs.	/		
30	DP-30	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	15 lbs.	/		
31	DP-31	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	10 lbs.	/		
32	DP-32	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	15 lbs.	/		
33	DP-33	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	10 lbs.	/		
34	DP-34	DRY CHEMICAL	ด้านหลังอาคาร Auxiliary Boiler	15 lbs.	/		

สรุป อุปกรณ์พร้อมใช้ทุกถัง

ลงชื่อ สมชาย ใจดี ผู้ตรวจสอบ

ลงชื่อ สมชาย ใจดี หัวหน้าหมวด



### แบบตรวจสอบระบบพิเศษ

ถังดับเพลิง DRY CHEMICAL และเคมีสูตรน้ำ

วันที่ ๑๕/๐๓/๖๕

ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน

สถานี : Power Plant

วันที่ตรวจสอบ :

อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่องป้องกัน  
และระงับอัคคีภัยในโรงงาน พ.ศ. 2552

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อุปกรณ์พร้อมใช้ทุกวง

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ผู้ตรวจราชการ

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หัวน้ำหมวด



โครงการเดินเครื่องและบำรุงรักษาโรงไฟฟ้าและหน่วยผลิตไฟฟ้า บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด							
แบบตรวจสอบระบบพิเศษ							
ถังดับเพลิง CARBONDIOXIDE							
เวียน <u>๑๓.๑๕.๖๕</u> <u>๖๕๑๑-๑๕</u> สถานที่ : Power Plant					ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน		
วันที่ตรวจสอบ :					อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่อง ป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552		
NO.	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ/ ขนาด	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
1	CP-01	CARBONDIOXIDE	หน้าห้องอุปกรณ์ควบคุม CCR	10 lbs.	/		
2	CP-02	CARBONDIOXIDE	Fire Pump	10 lbs.	/		
3	CP-03	CARBONDIOXIDE	Fire Pump	10 lbs.	/		
4	CP-04	CARBONDIOXIDE	ห้องอุปกรณ์ควบคุม (อาคาร DCAP)	10 lbs.	/		
5	CP-05	CARBONDIOXIDE	ห้องเครื่องปรับอากาศ (อาคาร DCAP)	10 lbs.	/		
6	CP-06	CARBONDIOXIDE	ห้องเครื่องปรับอากาศ (สนง. คกบผ.)	10 lbs.	/		ถัง 15.9 กิโล 15.9
7	CP-07	CARBONDIOXIDE	ห้องแบตเตอรี่ (อาคาร DCAP)	10 lbs.	/		
8	CP-08	CARBONDIOXIDE	ห้องสวิตช์เกียร์ HV-GIS (อาคาร DCAP)	10 lbs.	/		
9	CP-09	CARBONDIOXIDE	ห้องสายไฟชั้นล่าง	10 lbs.	/		
10	CP-10	CARBONDIOXIDE	ห้องใต้บันได ชั้น 2	10 lbs.	/		
11	CP-11	CARBONDIOXIDE	หัว Gen. ของ Steam Turbine	10 lbs.	/		
12	CP-12	CARBONDIOXIDE	ห้องควบคุมเครื่องกำเนิดไฟฟ้ากังหัน	10 lbs.	/		
13	CP-13	CARBONDIOXIDE	ห้อง จป. (Guard House)	10 lbs.	/	X	ถัง 15.9 กิโล 15.9
14	CP-14	CARBONDIOXIDE	หัว Gen. ของ Steam Turbine	10 lbs.	/		ถัง 15.9 กิโล 15.9
15	CP-15	CARBONDIOXIDE	Guard House	10 lbs.	/		
16	CP-16	CARBONDIOXIDE	ห้อง จป. (Guard House)	16 Kg.	/		
17	CP-17	CARBONDIOXIDE	ห้อง จป. (Guard House)	16 Kg.	/		
18	CP-18	CARBONDIOXIDE	ห้อง จป. (Guard House)	10 lbs.	/		
19	CP-19	CARBONDIOXIDE	ห้อง จป. (Guard House)	16 Kg.	/		
20	CP-20	CARBONDIOXIDE	หน้าห้องเครื่องปรับอากาศ	10 lbs.	/		
21	CP-21	CARBONDIOXIDE	Control Room TG Chiller Plant	10 lbs.	/		
22	CP-22	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	/		
23	CP-23	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	/		
24	CP-24	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	/		
25	CP-25	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 2	16 Kg.	/		
26	CP-26	CARBONDIOXIDE	ห้อง Switch Gear ตึก LCB ชั้น 3	16 Kg.	/		
27	CP-27	CARBONDIOXIDE	ห้อง Control Room ตึก LCB ชั้น 3	16 Kg.	/		
28	CP-28	CARBONDIOXIDE	ห้อง Control Room ตึก LCB ชั้น 3	16 Kg.	/		
29	CP-29	CARBONDIOXIDE	ห้อง Control Room ตึก LCB ชั้น 3	16 Kg.	/		
30	CP-30	CARBONDIOXIDE	ห้องสวิตช์เกียร์ GT2	10 lbs.	/		
31	CP-31	CARBONDIOXIDE	ห้องเครื่องปรับอากาศ (คกบผ. ชั้นล่าง)	10 lbs.	/		ถัง 15.9 กิโล 15.9
32	CP-32	CARBONDIOXIDE	ห้องอุปกรณ์ควบคุม (อาคาร DCAP)	10 lbs.	/		
33	CP-33	CARBONDIOXIDE	ห้องอุปกรณ์ไฟฟ้า (อาคาร DCAP)	10 lbs.	/		
34	CP-34	CARBONDIOXIDE	ห้องสวิตช์เกียร์ GT1	10 lbs.	/		
สรุป					ลงชื่อ <u>๑๖, ๑๑, ๖๕</u> ผู้ตรวจสอบ ลงชื่อ <u>๒๕, ๑๑, ๖๕</u> หัวหน้าหมวด		



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เขียน <u>นายฐานันท์ โทณโณ</u> <u>หน้างาน</u> <u>หน้างาน</u> <u>หน้างาน</u>					ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน		
สถานที่ : PTC Chiller Plant			วันที่ตรวจสอบ :		อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่อง ป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552		
NO.	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ/ ขนาด	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
DRY CHEMICAL @ PTC Chiller Plant (East)							
1	DE-01	DRY CHEMICAL	ใบตู้ FHC-E-01	15 lbs.	✓		Visual Inspect OK, พร้อมใช้งาน (OK)
2	DE-02	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	10 lbs.	✓		
3	DE-03	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	10 lbs.	✓		
4	DE-04	DRY CHEMICAL	ใบตู้ FHC-E-02 (ชั้นล่าง)	15 lbs.	✓		Visual Inspect OK, พร้อมใช้งาน (OK)
5	DE-05	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	15 lbs.	✓		
6	DE-06	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นล่าง)	10 lbs.	✓		
7	DE-07	DRY CHEMICAL	ใบตู้ FHC-E-03 (ชั้นล่าง)	15 lbs.	✓		Visual Inspect OK, พร้อมใช้งาน (OK)
8	DE-08	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นล่าง)	15 lbs.	✓		
9	DE-09	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นล่าง)	10 lbs.	✓		
10	DE-10	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นล่าง)	15 lbs.	✓		
11	DE-11	DRY CHEMICAL	ใบตู้ FHC-E-04 (ชั้นบน)	15 lbs.	✓		Visual Inspect OK, พร้อมใช้งาน (OK)
12	DE-12	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นบน)	15 lbs.	✓		
13	DE-13	DRY CHEMICAL	ใบตู้ FHC-E-05 (ชั้นบน)	15 lbs.	✓		Visual Inspect OK, พร้อมใช้งาน (OK)
14	DE-14	DRY CHEMICAL	ในอาคารด้านขวา (ชั้นบน)	15 lbs.	✓		ถังดับเพลิงไม่พร้อมใช้งาน
15	DE-15	DRY CHEMICAL	ใบตู้ FHC-E-06 (ชั้นบน)	15 lbs.	✓		Visual Inspect OK, พร้อมใช้งาน (OK)
16	DE-16	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นบน)	15 lbs.	✓		
17	DE-17	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นบน)	15 lbs.	✓		
18	DE-18	DRY CHEMICAL	ใบตู้ FHC-E-07 (ชั้นบน)	15 lbs.	✓		Visual Inspect OK, พร้อมใช้งาน (OK)
19	DE-19	DRY CHEMICAL	ในอาคารด้านซ้าย (ชั้นบน)	15 lbs.	✓		
20	SC-1	แก๊สสุตรน้ำ 134-1996	PTC East ชั้น 2 ใกล้ลิฟต์	15 lbs.	✓		
สรุป					ลงชื่อ <u>ทนายฐานันท์</u> วันที่ <u>24</u> / <u>11</u> / <u>67</u> ผู้ตรวจสอบ ลงชื่อ <u>ทนายฐานันท์</u> วันที่ <u>30</u> / <u>11</u> / <u>67</u> หัวหน้าหมวด		



Rev Date 26/05/2566





เรียน : <u>แผนกบำรุงรักษา โรงไฟฟ้า มตด.3-บม.</u>					ความถี่ในการตรวจสอบ : 1 ครั้ง/เดือน		
สถานที่ : PTC Chiller Plant			วันที่ตรวจสอบ :		อ้างอิงมาตรฐานการตรวจสอบ : ประกาศกระทรวงอุตสาหกรรมเรื่อง ป้องกันและระงับอัคคีภัยในโรงงาน พ.ศ. 2552		
NO.	รหัส	อุปกรณ์ดับเพลิง	สถานที่	น้ำหนักสุทธิ/ ขน/ เติ	ผลการตรวจสอบ		รายละเอียดอุปกรณ์ที่ชำรุด/หมายเหตุ
					พร้อมใช้งาน	ไม่พร้อมใช้งาน	
CARBONDIOXIDE @ PTC Chiller Plant (East)							
1	CE-01	CARBONDIOXIDE	ในห้องสวิตช์เกียร์ (ชั้นล่าง)	10 lbs.	✓		
2	CE-02	CARBONDIOXIDE	ในห้องสวิตช์เกียร์ (ชั้นล่าง)	10 lbs.	✓		
3	CE-03	CARBONDIOXIDE	PTC Control Room	10 lbs.	✓		
4	CE-04	CARBONDIOXIDE	PTC Control Room	10 lbs.	✓		
5	CE-05	CARBONDIOXIDE	ในห้องหม้อแปลงพิเศษเหนือ (ชั้นล่าง)	10 lbs.	✓		
6	CE-06	CARBONDIOXIDE	ในห้องหม้อแปลงพิเศษเหนือ (ชั้นล่าง)	10 lbs.	✓		
7	CE-07	CARBONDIOXIDE	ข้างโต๊ะ ปรก. (ชั้นล่าง)	10 lbs.	✓		
8	CE-08	CARBONDIOXIDE	ข้างโต๊ะ ปรก. (ชั้นล่าง)	10 lbs.	✓		
CARBONDIOXIDE @ PTC Chiller Plant (West)							
9	CW-01	CARBONDIOXIDE	ในห้องสวิตช์เกียร์ใต้ (ชั้นล่าง)	10 lbs.	✓		
10	CW-02	CARBONDIOXIDE	ในห้องสวิตช์เกียร์ใต้ (ชั้นล่าง)	10 lbs.	✓		
11	CW-03	CARBONDIOXIDE	ในห้องสวิตช์เกียร์พิเศษเหนือ (ชั้นล่าง)	10 lbs.	✓		น้ำหนัก 12.5 kg
12	CW-04	CARBONDIOXIDE	ในห้องสวิตช์เกียร์พิเศษเหนือ (ชั้นล่าง)	10 lbs.	✓		น้ำหนัก 11.3 kg
13	CW-05	CARBONDIOXIDE	ข้างโต๊ะ ปรก. (ชั้นล่าง)	10 lbs.	✓		
14	CW-06	CARBONDIOXIDE	ข้างโต๊ะ ปรก. (ชั้นล่าง)	10 lbs.	✓		
	East MCC						
15		CARBONDIOXIDE		15.8 kg	✓		
16		CARBONDIOXIDE		15.8 kg	✓		
	West MV room						
17	CW-07	CARBONDIOXIDE		15.6 kg	✓		
18	CW-08	CARBONDIOXIDE		15.8 kg	✓		
สรุป					ลงชื่อ : <u>[Signature]</u> ผู้ตรวจสอบ 24 11 67 ลงชื่อ : <u>[Signature]</u> หัวหน้าหมวด 30 11 67		





## ภาคผนวกที่ 29

สรุปผลการตรวจสอบสุขภาพของผู้ปฏิบัติงาน



ตารางที่ 1 สรุปผลตรวจสุขภาพทั่วไป  
 ผู้ปฏิบัติงานการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (คกบผ.) ประจำปี 2567  
 ผลตรวจทางห้องปฏิบัติการและสถานะทางสุขภาพ

ข้อมูล	เกณฑ์ปกติ	จำนวนที่ตรวจ (ราย)	ผลปกติ		ผลผิดปกติ	
			จำนวน	ร้อยละ	จำนวน	ร้อยละ
1. ดัชนีมวลกาย	18.50-22.99 kg./m <sup>2</sup>	44	15	34.1	29	65.9
2. รอบเอว	ช.<90 cm, หญิง.<80 cm.	44	23	52.3	21	47.7
3. ความดันโลหิต	<=140/90 mmHg.	44	40	90.9	4	9.1
4. ความสมบูรณ์ของเม็ดเลือด						
4.1 Hemoglobin	(ช. 13-18mg%), (หญิง. 11.5-16.5mg%)	44	41	93.2	3	6.8
4.2 Hematocrit	(ช. 40-54%), (หญิง. 37-47%)	44	41	93.2	3	6.8
4.3 WBC Count	4,000-10,000 cells/mL	44	42	95.5	2	4.5
4.4 Platelet Count	150,000-450,000 cells/mL	44	43	97.7	1	2.3
5. น้ำตาลในเลือด (FBS)	70-99 mg/dl	13	7	53.8	6	46.2
6. กรดยูริกในเลือด (Uric Acid)	(ช. 3.4-7 mg/dl), (หญิง. 2.4-6 mg/dl)	30	16	53.3	14	46.7
7. ไขมันในเลือด						
7.1 Cholesterol	<=200 mg/dl	31	11	35.5	20	64.5
7.2 Triglyceride	<=150 mg/dl	31	23	74.2	8	25.8
7.3 HDL - C	ช. >=40 mg/dl, หญิง. >=50 mg/dl	20	16	80.0	4	20.0
7.4 LDL - C	<=100 mg/dl	16	1	6.3	15	93.8
8. การทำงานของตับ						
8.1 SGPT	<=40 u/l	30	23	76.7	7	23.3
8.2 SGOT	<=40 u/l	30	29	96.7	1	3.3
8.3 ALP	39-117 u/l	30	30	100.0	0	0.0
9. การทำงานของไต						
9.1 Creatinine	0.3-1.3 mg/dl	30	29	96.7	1	3.3
9.2 BUN	6-20 mg/dl	30	30	100.0	0	0.0
10. ผลเอกซเรย์		37	37	100.0	0	0.0

หมายเหตุ ผู้มารับบริการ 1 ราย อาจพบความผิดปกติได้มากกว่า 1 รายการ



ตารางที่ 2 สรุปผลการตรวจสอบสุขภาพตามปัจจัยเสี่ยง  
 ผู้ปฏิบัติงานการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (คกบผ.) ประจำปี 2567  
 ตรวจสอบสมรรถภาพการทำงานของปอด : (Pulmonary function tests)

รายการตรวจสอบสมรรถภาพการทำงานของปอด Pulmonary Function Test	รวม	ปกติ	% ปกติ	เฝ้าระวัง	% เฝ้าระวัง	ผิดปกติ	% ผิดปกติ
จำนวนพนักงานตรวจทั้งหมด	37						
สมรรถภาพปอดปกติ		36	97.30				
มีการอุดกั้นของทางเดินหายใจของปอดเล็กน้อย (Slightly Obstructive Ventilatory Defect)				0	0.00		
มีการอุดกั้นของทางเดินหายใจของปอดปานกลาง (Moderate Obstructive Ventilatory Defect)						0	0.00
มีการอุดกั้นของทางเดินหายใจของปอดรุนแรง (Severe Obstructive Ventilatory Defect)						0	0.00
มีการจำกัดการขยายตัวของปอดเล็กน้อย (Slightly Restrictive Ventilatory Defect)				1	2.70		
มีการจำกัดการขยายตัวของปอดปานกลาง (Moderate Restrictive Ventilatory Defect)						0	0.00
มีการจำกัดการขยายตัวของปอดรุนแรง (Severe Restrictive Ventilatory Defect)						0	0.00
มีความผิดปกติร่วมกันทั้งปอดมีข้อจำกัดการขยายตัวและ การอุดกั้นของทางเดินหายใจ (Combine Type)						0	0.00



ตารางที่ 3 สรุปผลการตรวจสอบสุขภาพตามปัจจัยเสี่ยง  
ผู้ปฏิบัติงานการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (คกบผ.) ประจำปี 2567  
ตรวจสอบสมรรถภาพการได้ยิน : (Audiogram)

รายการตรวจสอบสมรรถภาพการได้ยิน Audiogram	รวม	ปกติ	% ปกติ	เฝ้าระวัง	% เฝ้าระวัง	ผิดปกติ	% ผิดปกติ
จำนวนพนักงานตรวจทั้งหมด	40						
การได้ยินปกติ		13	32.50				
การได้ยินปกติแต่มีแนวโน้มเสื่อม		10	25.00				
การได้ยินมีการเสื่อมในช่วงเสียงแหลม				16	40.00		
การได้ยินมีการเสื่อมในช่วงเสียงแหลมและเสียงทุ้ม						1	2.50
การได้ยินมีการเสื่อมในช่วงเสียงแหลมร่วมกับอายุ				0	0.00		
การได้ยินมีการเสื่อมเนื่องจากสาเหตุอื่น						0	0.00



ตารางที่ 4 สรุปผลการตรวจสอบสุขภาพตามปัจจัยเสี่ยง  
ผู้ปฏิบัติงานการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กบผ.) ประจำปี 2567

ตรวจสอบสายตาอาชีพ : (Occupational Vision Test)

สรุปผลตรวจ 2 : แปลผลเพื่อพิจารณาประกอบการทำงานลักษณะงานพิเศษ ได้รับการแก้ไขสายตาโดยการสวมแว่นตาหรือคอนแทคเลนส์แล้ว

รายการตรวจสอบสมรรถภาพการมองเห็นด้านอาชีพ Occupational Vision	รวม	ปกติ	% ปกติ	ผิดปกติ	% ผิดปกติ
จำนวนพนักงานตรวจทั้งหมด	42				
สายตาปกติ		42	100.00		
สายตาผิดปกติ (Far VISION > 20/40) และหรือสายตาผิดปกติ (Peripheral Angle)				0	0.00





## ภาคผนวกที่ 30

รายงานผลการฝึกอบรมหลักสูตรการดับเพลิงขั้นต้น  
และหลักสูตรฝึกซ้อมดับเพลิง  
และฝึกซ้อมอพยพหนีไฟ





## ภาคผนวกที่ 32

เอกสารผู้ประกอบการขนส่งสารเคมี  
(ใบอนุญาตประกอบการขนส่ง)



รายการต่ออายุทะเบียนแท็งก์ยัดติดถาวร เลขที่..... L4BN 18 05 10038 .....

ครั้งที่	เลขที่หนังสือ	ลงวันที่	อนุญาตให้ต่ออายุทะเบียนแท็งก์ยัดติดถาวร		พนักงานเจ้าหน้าที่
			ใช้ได้ถึง	บันทึกการอนุญาตเพิ่มเติม	



บันทึกการแก้ไขเปลี่ยนแปลงรายการในใบทะเบียนแจ้งกักขังติดดาว เลขที่ L4BN 18 05 10038 .....

ครั้งที่	เลขที่หนังสือ	ลงวันที่	รายการการแก้ไขเปลี่ยนแปลง	พนักงานเจ้าหน้าที่





### ภาคผนวกที่ 33

Lay Out แสดงตำแหน่งติดตั้งอุปกรณ์ฉุกเฉิน  
บริเวณที่จัดเก็บสารเคมี





## ภาคผนวกที่ 34

เอกสารแผนงานมวลชนสัมพันธ์ (CSR)





## ภาคผนวกที่ 35

เอกสารเกี่ยวกับกิจกรรมเปิดบ้าน DCAP



“ยินดีต้อนรับ”

ผู้เข้าร่วมกิจกรรม “เปิดบ้าน DCAP ประจำปี 2567”

วันศุกร์ที่ 29 พฤศจิกายน 2567

กำหนดการกิจกรรม “เปิดบ้าน DCAP ประจำปี 2567”

บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด

วันศุกร์ ที่ 29 พฤศจิกายน 2567

09.00 น. - 09.30 น.	ลงทะเบียน ณ ห้องประชุม 1 บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด
09.30 น. - 09.45 น.	ผู้บริหาร DCAP กล่าวต้อนรับ
09.45 น. - 10.45 น.	รับฟังการบรรยายสรุปผลการดำเนินงาน ของ บริษัท ผลิตภัณฑ์ไฟฟ้าและน้ำเย็น จำกัด
10.45 น. - 11.15 น.	เยี่ยมชมพื้นที่โรงไฟฟ้าและหน่วยผลิตน้ำเย็น
11.15 น. - 11.45 น.	สรุปร่วมกิจกรรม ดอพบข้อจำกัด
11.45 น. - 12.00 น.	เดินทางไปยังร้านอาหาร
12.00 น. - 13.30 น.	รับประทานอาหารกลางวัน ณ ร้านอาหารเอก
13.30 น.	เดินทางกลับโดยสวัสดิภาพ

**\*\*กำหนดการอาจมีการเปลี่ยนแปลงตามความเหมาะสม\*\***



บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

## หัวข้อเรื่อง

1. แนะนำ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด
2. กระบวนการผลิต
3. การดำเนินงานด้านความปลอดภัยอาชีวอนามัยและสิ่งแวดล้อม
4. การดำเนินงานด้านความรับผิดชอบต่อสังคม
5. การดำเนินงานในปัจจุบัน

5

บริษัท ไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

ทางหนีไฟกรณีเกิดเหตุฉุกเฉิน



บริษัท ผลิตไฟฟ้าไทย จำกัด  
District Cooling System and Power Plant Co., Ltd.

## หัวข้อเรื่อง

- 1 แนะนำ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด
- 2 กระบวนการผลิต
- 3 การดำเนินงานด้านความปลอดภัยอาชีวอนามัยและสิ่งแวดล้อม
- 4 การดำเนินงานด้านความรับผิดชอบต่อสังคม
- 5 การดำเนินงานในปัจจุบัน



บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

แนะนำบริษัทฯ

วันที่จดทะเบียน	: วันที่ 2 เมษายน 2546
เลขทะเบียนโรงงาน	: 3-88-3/49 สป.
ทุนจดทะเบียน	: 1,670 ล้านบาท
ประกอบกิจการ	: ผลิตและจำหน่ายไฟฟ้า ไอน้ำ และน้ำเย็นสำหรับระบบปรับอากาศ
ที่ตั้ง	: 222 หมู่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540
วัน เวลาทำการ	: จันทร์ - ศุกร์ เวลา 08.00 - 17.00 น.

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บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

ผลงานและการรับรอง

ได้รับการรับรองบริหารงานคุณภาพ (ISO 9001: 2015) ระบบการจัดการสิ่งแวดล้อม (ISO 14001:2015) และระบบการจัดการด้านอาชีวอนามัยและความปลอดภัย (ISO 45001:2018 ) จากสถาบันรับรองมาตรฐานไอเอสโอ

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บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

เลขที่ : 222 ม.1 ต.หนองปรือ อ.บางพลี จ.สมุทรปราการ 10540  
โทรศัพท์ : 0 2327 4242  
โทรสาร : 0 2327 4244  
Website : www.dcap.co.th

บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

หัวข้อเรื่อง

- 1 แนะนำ บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด
- 2 กระบวนการผลิต
- 3 การดำเนินงานด้านความปลอดภัยอาชีวอนามัยและสิ่งแวดล้อม
- 4 การดำเนินงานด้านความรับผิดชอบต่อสังคม
- 5 การดำเนินงานในปัจจุบัน

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บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

ผลงานและการรับรอง

รางวัลอุตสาหกรรมสีเขียว ระดับที่ 4 จากกระทรวงอุตสาหกรรม

รางวัล Zero Accident ระดับทองแดง จากกระทรวงแรงงาน

9

บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

วัตถุดิบหลักที่ใช้ในการผลิต

ก๊าซธรรมชาติ

น้ำประปา

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บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

### การควบคุมคุณภาพอากาศ

- 1) เลือกใช้เครื่องจักรที่มีเทคโนโลยีในการควบคุมคุณภาพอากาศที่ทันสมัย และดำเนินการบำรุงรักษาตามชั่วโมงการเดินเครื่อง
- 2) จัดให้มีระบบควบคุมการระบายมลสาร ให้มีค่าต่ำกว่าค่ามาตรฐานที่กฎหมายกำหนด
- 3) ซ่อมบำรุงรักษาเครื่องจักรตามรอบการเดินเครื่อง



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บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

### 6) ตรวจวัดคุณภาพอากาศจากปล่องระบายตามวิธีการที่กฎหมายกำหนดทุก 6 เดือน



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บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

### การควบคุมคุณภาพอากาศ

4) ควบคุมการระบายมลสารจากปล่องให้ค่าตามรายงาน

รายการ	ค่าควบคุม DCAP ตาม EIA	กฎหมายกรมโรงงาน
ก๊าซไนโตรเจนไดออกไซด์ : $\text{NO}_2$	ไม่เกิน 60 ส่วนในล้านส่วน	ไม่เกิน 120 ส่วนในล้านส่วน
ฝุ่นละออง : TSP	ไม่เกิน 16.2 มิลลิกรัมต่อลูกบาศก์เมตร	ไม่เกิน 60 มิลลิกรัมต่อลูกบาศก์เมตร
ก๊าซซัลเฟอร์ไดออกไซด์ : $\text{SO}_2$	ไม่เกิน 10 ส่วนในล้านส่วน	ไม่เกิน 20 ส่วนในล้านส่วน

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บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

### ผลการตรวจวัดคุณภาพอากาศจากปล่อง



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บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

### 5) ติดตามตรวจวัดคุณภาพอากาศจากปล่องอย่างต่อเนื่องตลอด 24 ชั่วโมง และส่งข้อมูลผลการตรวจวัดให้กรมโรงงานอุตสาหกรรมอย่างต่อเนื่อง (Online) (ตรวจวัด $\text{NO}_2$ , $\text{SO}_2$ , $\text{CO}$ , $\text{O}_2$ )



GT: Dry Low  $\text{NO}_x$  Burner

HRS Stack

Continuous Emission Monitoring System

Monitoring 24 hr @ CCR


Continuous Online @ <https://poms.diw.go.th/>

<https://poms.diw.go.th/>

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บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

### 7) ตรวจวัดคุณภาพอากาศในบรรยากาศ ทุก 6 เดือน

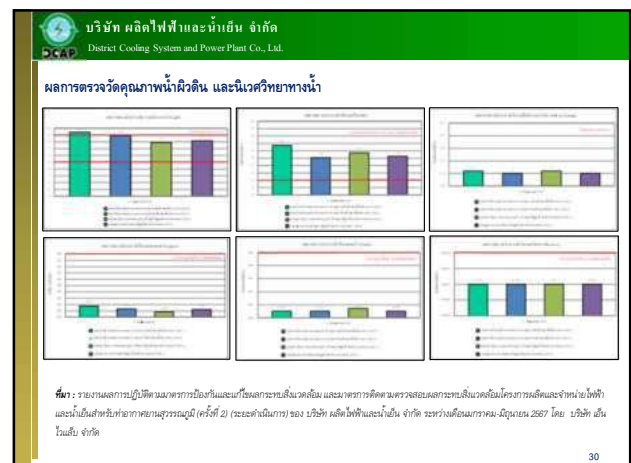
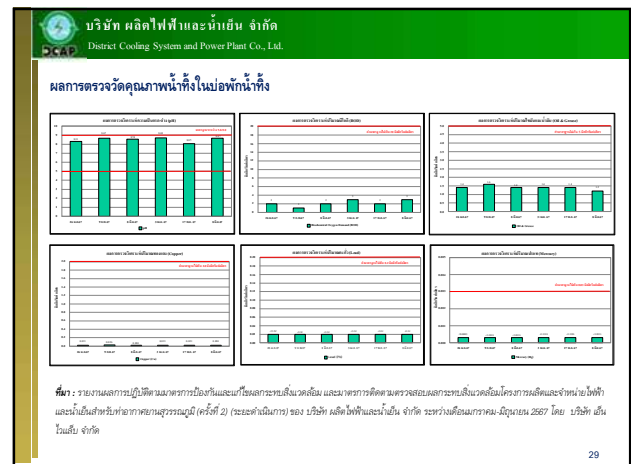
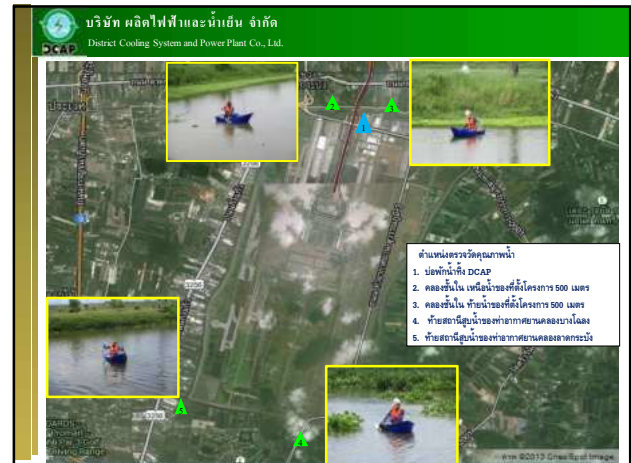
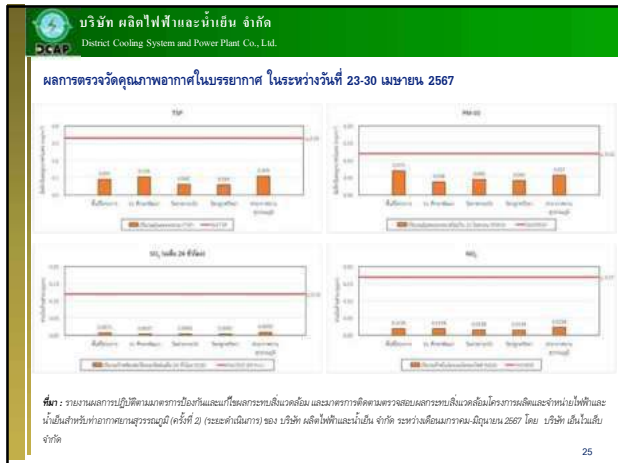


ตำแหน่งตรวจวัดคุณภาพอากาศ

1. DCAP
2. รร. ศิลาพัฒนา
3. วัดป่าสุทธาวาส
4. วัดลาดกระบัง
5. ท่าอากาศยานสุวรรณภูมิ

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บริษัท ผิดไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

**การบริหารจัดการด้านเสียง**

- แหล่งกำเนิดเสียง



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บริษัท ผิดไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

**5) ตรวจวัดคุณภาพเสียงในพื้นที่โครงการ ปีละ 1 ครั้ง**



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บริษัท ผิดไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

**การควบคุมคุณภาพเสียง**

- เลือกใช้เครื่องจักรที่มีเทคโนโลยีที่ทันสมัย มีเสียงเบา
- ติดตั้งกำแพงกันเสียง เพื่อลดเสียงที่อาจจะออกไปสู่ชุมชนใกล้เคียง
- ติดตั้งวัสดุดูดซับเสียง เพื่อลดเสียงที่อาจจะออกไปสู่ชุมชนใกล้เคียง



กำแพงกันเสียง      วัสดุดูดซับเสียง

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บริษัท ผิดไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.



ตำแหน่งตรวจวัดเสียง	ระดับเสียง (dB(A))
1. เครื่องกำเนิดไฟฟ้า 1	82.16
2. เครื่องกำเนิดไฟฟ้า 2	75.73
3. รั้วรั้วคิโนนิ	62.58
4. รั้วรั้วคิโนนิ	63.2
5. รั้วรั้วคิโนนิ	61.98
6. รั้วรั้วคิโนนิ	59.88

ค่าเสียงตามมาตรฐานตามรายงานผลกระทบสิ่งแวดล้อม - มิถุนายน 2567

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บริษัท ผิดไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

**4) ปลุกต้นไม้ตามแนวเขตพื้นที่โครงการ เพื่อเป็นแนวเขตลดฝุ่นและลดระดับเสียงต่อชุมชนโดยรอบโครงการ**



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บริษัท ผิดไฟฟ้าและน้ำเย็น จำกัด  
District Cooling System and Power Plant Co., Ltd.

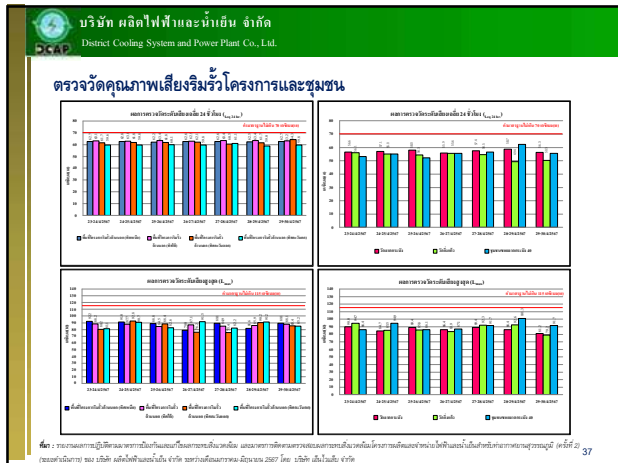
**6) ตรวจวัดคุณภาพเสียงรั้วโครงการและชุมชนโดยรอบโรงไฟฟ้าทุก 6 เดือน**



รั้วรั้วคิโนนิ (N1)  
รั้วรั้วคิโนนิ (N2)  
รั้วรั้วคิโนนิ (N3)  
รั้วรั้วคิโนนิ (N4)  
รั้วรั้วคิโนนิ (N5)  
รั้วรั้วคิโนนิ (N6)  
รั้วรั้วคิโนนิ (N7)

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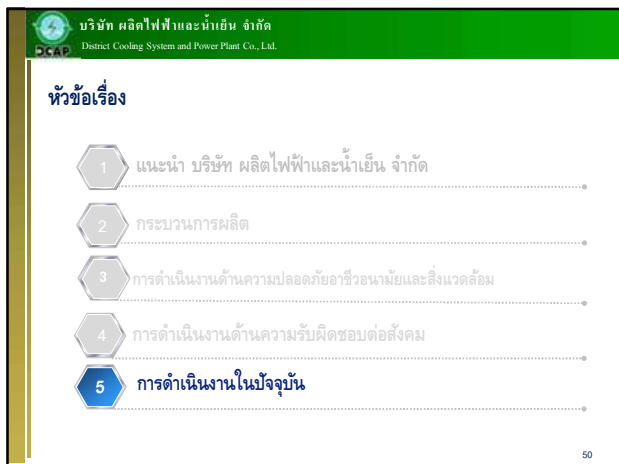








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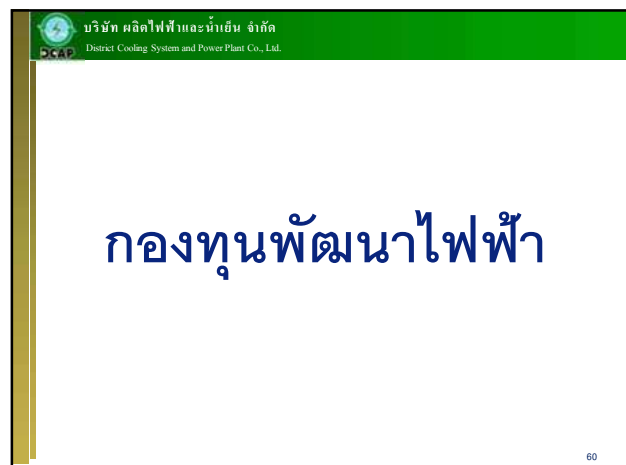
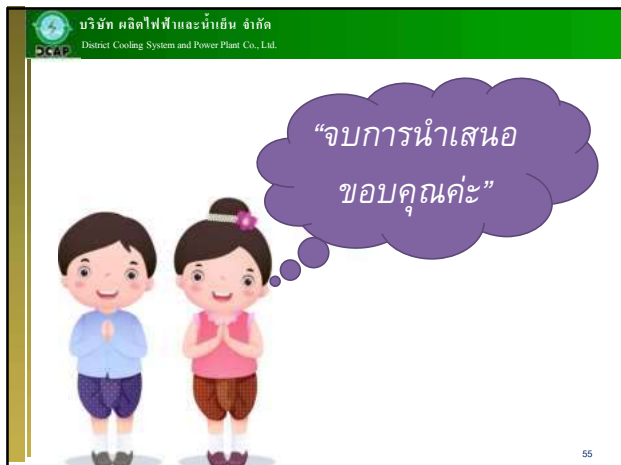


51

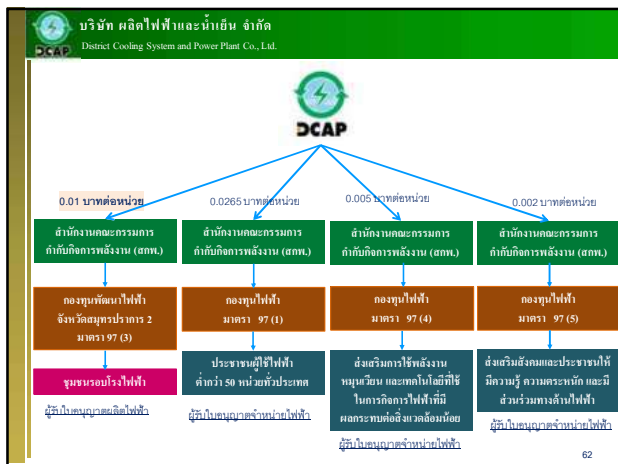


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กิจกรรมเปิดบ้าน DCAP ประจำปี 2567 วันที่ 29 พฤศจิกายน 2567







## ภาคผนวกที่ 36

แบบสำรวจเศรษฐกิจ สังคม และความคิดเห็น  
ของประชาชน





รายงานผลการสำรวจสภาพเศรษฐกิจ-สังคม

และความคิดเห็นของประชาชน

ระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)  
(ระยะดำเนินการ)

บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

ตั้งอยู่ : เลขที่ 222 หมู่ที่ 1 ตำบลหนองปรือ อำเภอบางพลี

จังหวัดสมุทรปราการ 10540

โทรศัพท์ 02-327-4242



**ENVILAB CO.,LTD**

540, 540/1 Soi Bangkhac 7, Bangkhac, Bangkok 10160, Thailand.

Tel. 02-802-3577 Fax. 02-802-3773 E-mail : [info@evltesting.com](mailto:info@evltesting.com)

[http : //www.evltesting.com](http://www.evltesting.com)







รายงานผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน  
โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)  
(ระยะดำเนินการ)

บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

ตั้งอยู่เลขที่ 222 หมู่ที่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540

ดำเนินการสำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

ที่มาและความสำคัญ

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) (ระยะดำเนินการ) บริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด ตั้งอยู่เลขที่ 222 หมู่ที่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ 10540 ดำเนินการสำรวจระหว่างวันที่ 14-16 ตุลาคม 2567 ซึ่งโครงการมีการดำเนินการจัดทำรายงานการประเมินผลกระทบสิ่งแวดล้อม (EIA) เพื่อเสนอขอความเห็นชอบจากสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม (สผ.) เพื่อนำไปประกอบการขออนุญาตเปิดดำเนินการกิจการโรงงาน ทั้งนี้ ตามมาตรการในรายงานการประเมินผลกระทบสิ่งแวดล้อมได้กำหนดให้มีการสำรวจความคิดเห็นของประชาชนและหน่วยงานราชการเป็นประจำทุกปี ประกอบกับปัจจุบันสภาพสังคมและวิถีชีวิตของชุมชนที่อาศัยอยู่โดยรอบโครงการมีการเปลี่ยนแปลงอยู่ตลอดเวลา อีกทั้งทัศนคติของประชาชนที่มีผลต่อการดำเนินการของโครงการก็อาจเปลี่ยนแปลงไปเช่นกัน ดังนั้น การสำรวจความคิดเห็นจึงถือเป็นเครื่องมือในการประเมินทัศนคติและความพึงพอใจของชุมชนที่อาศัยอยู่โดยรอบโครงการที่มีต่อการดำเนินงานด้านสิ่งแวดล้อม รวมทั้งการดำเนินงานด้านกิจกรรม เพื่อสังคมของโครงการ เนื่องจากโครงการมีแนวคิดในการดำเนินการกิจการด้วยความรับผิดชอบต่อสังคมและสิ่งแวดล้อมอย่างยั่งยืน

วัตถุประสงค์

1. เพื่อติดตามตรวจสอบผลกระทบด้านสภาพเศรษฐกิจ-สังคม
2. เพื่อศึกษาสภาพเศรษฐกิจ-สังคม การประกอบอาชีพ สุขภาพอนามัย สาธารณูปโภค/สาธารณูปการ และสภาพความเป็นอยู่ของชุมชนในพื้นที่ศึกษา
3. เพื่อรับทราบปัญหาเกี่ยวกับสภาพแวดล้อม และสังคมในปัจจุบันที่ส่งผลต่อการดำเนินชีวิตของประชาชนในชุมชน
4. เพื่อต้องการทราบผลกระทบด้านสิ่งแวดล้อม ที่ประชาชนได้รับจากการดำเนินโครงการ
5. เพื่อต้องการทราบความคิดเห็นของประชาชนต่อการดำเนินโครงการ ในระยะที่ผ่านมาจนถึงปัจจุบัน และข้อเสนอแนะในด้านต่างๆ



### ผลการสำรวจความคิดเห็นกลุ่มประชาชน สถานประกอบการ หน่วยงานที่เกี่ยวข้อง

การสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชนต่อโครงการ ได้ทำการสำรวจชุมชนรอบพื้นที่โครงการในรัศมี 5 กิโลเมตร จำนวน 400 ตัวอย่าง ครอบคลุมกลุ่มประชาชน สถานประกอบการ และหน่วยงานที่เกี่ยวข้อง จำนวน 2 หน่วยงาน โดยกำหนดกลุ่มตัวอย่างตามสมการและตารางของ Taro Yamane ที่ระดับความเชื่อมั่นสถิติเท่ากับ 95 % ทั้งนี้ได้กำหนดค่าความคลาดเคลื่อนที่ยอมรับได้เท่ากับ 0.05 มีจำนวนครัวเรือนในพื้นที่ศึกษาทั้งหมด 136,165 ครัวเรือน (ที่มาข้อมูลจำนวนครัวเรือนจากสถิติประชากรทางการทะเบียนราษฎร <https://stat.bora.dopa.go.th/stat/statnew/statMONTH/statmonth/#/mainpage>) เมื่อนำมาแทนค่าในสมการข้างต้น สามารถคำนวณหาจำนวนตัวอย่างที่ต้องการสำรวจได้ดังนี้

$$n = \frac{136,165}{(1 + (136,165 \times 0.05^2))}$$
$$= 398.83 \approx 400$$

จากการคำนวณจำนวนครัวเรือนตัวอย่างที่เหมาะสมเท่ากับ 398.83 ตัวอย่าง โดยได้ทำการสำรวจข้อมูลเศรษฐกิจ-สังคมและความคิดเห็นของประชาชนในรัศมี 5 กิโลเมตร จากขอบเขตพื้นที่โครงการจำนวน 400 ตัวอย่าง

### การกระจายจำนวนตัวอย่างประชาชน สถานประกอบการในพื้นที่เป้าหมาย

ชุมชน	จำนวนตัวอย่าง
1. บ้านลาดกระบัง (หมู่ 4) (รวมชุมชนหมู่บ้านเคหะนคร 2) แขวงลาดกระบัง เขตลาดกระบัง กรุงเทพมหานคร	95
2. พื้นที่จัดสรร ซอย 40-42 (หมู่ 3) แขวงลาดกระบัง เขตลาดกระบัง กรุงเทพมหานคร	100
3. บ้านคลองแขก (หมู่ 10) แขวงลำปลาทิว เขตลาดกระบัง กรุงเทพมหานคร	84
4. บ้านกิ่งแก้ว (หมู่ 13) ต.ราชาเทวะ อ.บางพลี จ.สมุทรปราการ	66
5. บ้านหัวคู้ (หมู่ 1) ต.ศรีษะจรเข้ น้อย กิ่ง อ.บางเสาธง จ.สมุทรปราการ	55
รวม	400



## สรุปผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน สถานประกอบการ

### ● ข้อมูลทั่วไป

จากการสอบถามจำนวนตัวอย่าง จำนวน 400 ตัวอย่าง พบว่า กลุ่มตัวอย่างเป็นเพศหญิง จำนวน 222 ตัวอย่าง (ร้อยละ 55.5) และเพศชาย จำนวน 178 ตัวอย่าง (ร้อยละ 44.5) มีอายุมากกว่า 50 ปี มากที่สุด จำนวน 125 ตัวอย่าง (ร้อยละ 31.2) รองลงมา มีอายุ 41-50 ปี จำนวน 123 ตัวอย่าง (ร้อยละ 30.8) และอายุ 31-40 ปี จำนวน 107 ตัวอย่าง (ร้อยละ 26.8) ตามลำดับ ด้านศาสนา พบว่า ส่วนใหญ่นับถือศาสนาพุทธ จำนวน 393 ตัวอย่าง (ร้อยละ 98.2) มีสถานะเป็นหัวหน้าครอบครัวมากที่สุด จำนวน 207 ตัวอย่าง (ร้อยละ 51.8) ด้านระดับการศึกษา พบว่า จบการศึกษาระดับปริญญาตรีมากที่สุด จำนวน 88 ตัวอย่าง (ร้อยละ 22.0) รองลงมา จบระดับมัธยมศึกษาตอนต้น จำนวน 84 ตัวอย่าง (ร้อยละ 21.0) จบระดับมัธยมศึกษาตอนปลาย และอนุปริญญา/ปวส. มีจำนวน 74 ตัวอย่างเท่ากัน (ร้อยละ 18.5) ตามลำดับ กลุ่มตัวอย่างส่วนใหญ่ มีสถานภาพสมรส จำนวน 297 ตัวอย่าง (ร้อยละ 74.2) มีจำนวนสมาชิกในครอบครัว เฉลี่ย 4-6 คน มากที่สุด จำนวน 215 ตัวอย่าง (ร้อยละ 53.8) รองลงมา เฉลี่ย 1-3 คน จำนวน 155 ตัวอย่าง (ร้อยละ 38.8) และเฉลี่ย 7-9 คน จำนวน 30 ตัวอย่าง (ร้อยละ 7.4) ตามลำดับ เป็นคนดั้งเดิมอยู่ท้องถิ่นนี้ตั้งแต่เกิด จำนวน 291 ตัวอย่าง (ร้อยละ 72.8) ส่วนที่ระบุว่า เป็นคนต่างถิ่นย้ายมาจากที่อื่น จำนวน 109 ตัวอย่าง (ร้อยละ 27.2) มีสาเหตุหลักย้ายเพื่อมาทำงาน และแต่งงาน โดยกลุ่มตัวอย่างส่วนใหญ่ จำนวน 369 ตัวอย่าง (ร้อยละ 92.2) ไม่คิดจะย้ายไปอยู่ที่อื่น และไม่แน่ใจ จำนวน 31 ตัวอย่าง (ร้อยละ 7.8)

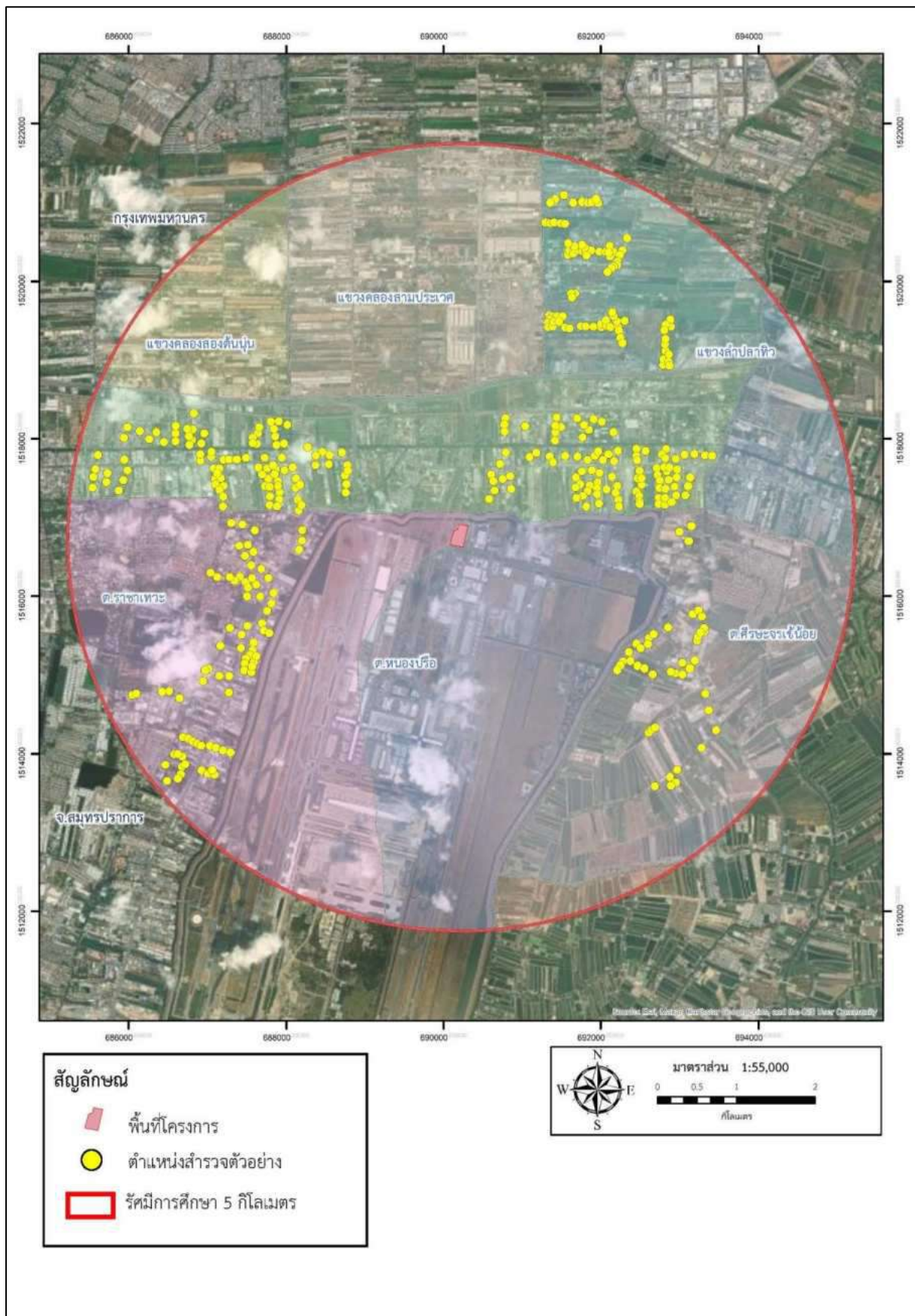
สำหรับสภาพเศรษฐกิจ พบว่า ลักษณะของที่อยู่อาศัยของผู้ตอบแบบสอบถามส่วนใหญ่ จำนวน 368 ตัวอย่าง (ร้อยละ 92.0) เป็นบ้านเดี่ยว รองลงมาเป็นอพาร์ทเมนต์/หอพัก/อาคารชุด/คอนโดมิเนียม จำนวน 16 ตัวอย่าง (ร้อยละ 4.0) และตึกแถว/อาคารพาณิชย์ จำนวน 10 ตัวอย่าง (ร้อยละ 2.5) ตามลำดับ โดยส่วนใหญ่ ระบุว่าที่อยู่อาศัยเป็นของตนเอง จำนวน 303 ตัวอย่าง (ร้อยละ 75.8) อาชีพที่เป็นรายได้หลักของครอบครัว พบว่า ทำการค้า/ธุรกิจส่วนตัวมากที่สุด จำนวน 191 ตัวอย่าง (ร้อยละ 47.8) รองลงมาเป็นลูกจ้าง/พนักงาน บริษัทเอกชน จำนวน 157 ตัวอย่าง (ร้อยละ 39.2) และรับจ้างทั่วไป จำนวน 32 ตัวอย่าง (ร้อยละ 8.0) ตามลำดับ ในด้านสภาพทางการเงินของผู้ตอบแบบสอบถาม ส่วนใหญ่ จำนวน 291 ตัวอย่าง (ร้อยละ 72.8) ระบุว่าสัดส่วน ระหว่างรายรับกับรายจ่ายในแต่ละเดือนมีเพียงพอและเหลือเก็บ





ภาพที่ 1 ประมวลภาพกิจกรรมการสอบถามความคิดเห็นของประชาชนในพื้นที่ศึกษา  
ระหว่างวันที่ 14-16 ตุลาคม 2567  
โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)





รูปที่ 1 ตำแหน่งแสดงการเก็บตัวอย่างในพื้นที่



- **อนามัยครอบครัว**

สำหรับข้อมูลด้านสุขภาพ กลุ่มตัวอย่างส่วนใหญ่ จำนวน 331 ตัวอย่าง (ร้อยละ 82.8) ระบุว่าในรอบปีที่ผ่านมา ไม่เคยมีอาการเจ็บป่วย และเคยมีอาการเจ็บป่วย จำนวน 69 ตัวอย่าง (ร้อยละ 17.2) โดยป่วยเป็นโรคประจำตัว จำนวน 41 ตัวอย่าง (ร้อยละ 10.3) รองลงมาป่วยเป็นโรคเกี่ยวกับระบบทางเดินหายใจ จำนวน 21 ตัวอย่าง (ร้อยละ 5.2) และโรคเกี่ยวกับกระดูก จำนวน 7 ตัวอย่าง (ร้อยละ 1.7) ตามลำดับ เมื่อมีการเจ็บป่วยส่วนใหญ่จะเข้ารับบริการที่โรงพยาบาลของรัฐ จำนวน 301 ตัวอย่าง (ร้อยละ 75.3) รองลงมา จะเข้ารับบริการที่โรงพยาบาลเอกชน จำนวน 93 ตัวอย่าง (ร้อยละ 23.3) และคลินิก จำนวน 6 ตัวอย่าง (ร้อยละ 1.4) ตามลำดับ

ระบบสาธารณสุขปโภคและระบบสุขภาพชุมชน พบว่าแหล่งน้ำในการอุปโภคในครัวเรือน ส่วนใหญ่ใช้น้ำประปา จำนวน 399 ตัวอย่าง (ร้อยละ 99.8) และมีเพียง จำนวน 1 ตัวอย่าง (ร้อยละ 0.2) ใช้น้ำกรอง สำหรับแหล่งน้ำในการบริโภค พบว่ากลุ่มตัวอย่างทั้งหมด จำนวน 400 ตัวอย่าง (ร้อยละ 100.0) ดื่มน้ำบรรจุขวด/ถัง/ตู้

เมื่อสอบถามว่าในระยะเวลา 1 ปี ที่ผ่านมามีประสบปัญหาเกี่ยวกับระบบสาธารณสุขปโภคหรือไม่ กลุ่มตัวอย่างส่วนใหญ่ จำนวน 399 ตัวอย่าง (ร้อยละ 99.8) ระบุว่า ไม่ประสบปัญหา และมีเพียงจำนวน 1 ตัวอย่าง (ร้อยละ 0.2) ประสบปัญหาน้ำใช้ไหลอ่อน ช้าและไม่ไหล

- **ผลกระทบด้านสิ่งแวดล้อมและสุขภาพที่ได้รับในปัจจุบัน**

จากการสัมภาษณ์กลุ่มตัวอย่าง พบว่า เคยได้รับผลกระทบด้านสิ่งแวดล้อมและสุขภาพที่ได้รับในปัจจุบัน สามารถสรุปได้ดังต่อไปนี้



ผลกระทบ/แหล่งที่มา	จำนวนและร้อยละของผู้ได้รับผลกระทบ	ช่วงเวลาที่ได้รับผลกระทบมากที่สุด	ระยะเวลาที่ได้รับผลกระทบมากที่สุด	ระดับผลกระทบ	
				$\bar{X}$ (S.D.)	แปลผล <sup>1/</sup>
1. เสียง สาเหตุจาก - เครื่องบิน	329 (82.2)	ตลอดทั้งปี	ตลอดวัน	2.79 (0.40)	มาก
2. ฝุ่นละออง สาเหตุจาก - การจราจร - เครื่องบิน	243 (60.8)	ตลอดทั้งปี	ตลอดวัน	2.37 (0.48)	มาก
3. ความสั่นสะเทือน	157 (39.2)	ตลอดทั้งปี	ตลอดวัน	2.51 (0.60)	มาก
4. กลิ่นเหม็น	-	-	-	-	-
5. น้ำเสีย	-	-	-	-	-
6. น้ำท่วมขัง	-	-	-	-	-
7. ขยะมูลฝอย	-	-	-	-	-
8. การจราจรติดขัด	-	-	-	-	-
9. ทัศนียภาพ	-	-	-	-	-
10. ปัญหาอาชญากรรม	-	-	-	-	-
11. อื่นๆ (ระบุ) ....	-	-	-	-	-

หมายเหตุ <sup>1/</sup> ระดับเกณฑ์พิจารณา ค่าเฉลี่ย  $1.00 \leq \bar{X} \leq 1.66$  หมายถึง ระดับน้อย  $1.67 \leq \bar{X} \leq 2.33$

หมายถึง ระดับปานกลาง

$2.34 \leq \bar{X} \leq 3.00$  หมายถึง ระดับมาก

ผลกระทบด้านสิ่งแวดล้อมที่ได้รับในปัจจุบัน พบว่าได้รับผลกระทบเรื่องเสียง จำนวน 329 ตัวอย่าง (ร้อยละ 82.2) มีผลกระทบอยู่ในระดับมาก ( $\bar{X} = 2.79$ , S.D. = 0.40) รองลงมาด้านฝุ่นละออง จำนวน 243 ตัวอย่าง (ร้อยละ 60.8) มีผลกระทบอยู่ในระดับมาก ( $\bar{X} = 2.37$ , S.D. = 0.48) และความสั่นสะเทือน จำนวน 157 ตัวอย่าง (ร้อยละ 39.2) มีผลกระทบอยู่ในระดับมาก ( $\bar{X} = 2.51$ , S.D. = 0.60) ตามลำดับ

เมื่อสอบถามว่าในระยะเวลา 1 ปี ที่ผ่านมาประสบปัญหาด้านน้ำท่วมหรือไม่ กลุ่มตัวอย่างระบุว่า เคยประสบปัญหาจำนวน 41 ตัวอย่าง (ร้อยละ 10.2) โดยช่วงเวลาที่ได้รับผลกระทบคือช่วงฤดูฝนทั้งหมด ได้รับผลกระทบระดับน้อย จำนวน 20 ตัวอย่าง (ร้อยละ 5.0) รองลงมา ผลกระทบระดับมาก จำนวน 11 ตัวอย่าง (ร้อยละ 2.7) และระดับปานกลาง จำนวน 10 ตัวอย่าง (ร้อยละ 2.5) ตามลำดับ



- การรับรู้ข่าวสารและความคิดเห็นที่มีต่อโครงการฯ

- การรับทราบข่าวสารว่ามีโครงการฯ

ด้านการรับทราบข่าวสารว่ามีโครงการฯ (ระยะดำเนินการ) พบว่ากลุ่มตัวอย่างส่วนใหญ่ จำนวน 303 ตัวอย่าง (ร้อยละ 75.8) ระบุว่าไม่ทราบ และทราบว่ามีโครงการฯ จำนวน 97 ตัวอย่าง (ร้อยละ 24.2) โดยทราบจากเพื่อนบ้านมากที่สุด จำนวน 49 ตัวอย่าง (ร้อยละ 12.3) รองลงมาทราบด้วยตนเองจากป้ายหน้าโครงการ/พื้นที่ก่อสร้างโครงการ จำนวน 27 ตัวอย่าง (ร้อยละ 6.8) และทราบจากเจ้าหน้าที่จากโครงการ จำนวน 14 ตัวอย่าง (ร้อยละ 3.5) ตามลำดับ

- ประโยชน์หรือผลดี และข้อวิตกกังวลจากโครงการฯ

เมื่อสอบถามว่าการดำเนินโครงการที่ผ่านมา มีผลดีต่อชุมชนหรือไม่ พบว่ากลุ่มตัวอย่างส่วนใหญ่ จำนวน 252 ตัวอย่าง (ร้อยละ 63.0) ระบุว่าโครงการไม่มีผลดีต่อชุมชน รองลงมาไม่แสดงความคิดเห็น/ไม่แน่ใจ จำนวน 121 ตัวอย่าง (ร้อยละ 30.2) และระบุว่าโครงการมีผลดี เนื่องจากการจ้างงานมากขึ้น และการค้าขายดีขึ้น จำนวน 27 ตัวอย่าง (ร้อยละ 6.8) อย่างไรก็ตามจากการดำเนินของโครงการฯ ที่ผ่านมา กลุ่มตัวอย่าง จำนวน 333 ตัวอย่าง (ร้อยละ 83.3) ระบุว่า ไม่มีความวิตกกังวล รองลงมาไม่แสดงความคิดเห็น/ไม่แน่ใจ จำนวน 54 ตัวอย่าง (ร้อยละ 13.4) และมีความวิตกกังวล จำนวน 13 ตัวอย่าง (ร้อยละ 3.3) ความวิตกกังวลที่ได้รับคือปัญหาฝุ่นละออง เสียงดังรบกวน ความสั่นสะเทือน ความปลอดภัยในชีวิตและทรัพย์สิน ปัญหาจากรถจราจร ปัญหาด้านทัศนียภาพ ปัญหาน้ำเสียและการระบายน้ำ ขยะมูลฝอย และสิ่งปฏิกูล มีสัดส่วนเท่ากัน จำนวน 13 ตัวอย่าง (ร้อยละ 3.3) และปัญหากลิ่นเหม็น จำนวน 6 ตัวอย่าง (ร้อยละ 1.5) ตามลำดับ

- ข้อเสนอแนะต่อโครงการฯ

กลุ่มตัวอย่างไม่มีข้อเสนอแนะอื่นๆ เพิ่มเติมเกี่ยวกับการดำเนินโครงการฯ

### สรุปผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นหน่วยงานที่เกี่ยวข้อง

ผลการสำรวจความคิดเห็นของกลุ่มพื้นที่อ่อนไหว จำนวน 2 ตัวอย่าง ได้แก่ วัดลาดกระบัง และวัดปลูกศรัทธา อธิบายได้ดังนี้

- ข้อมูลทั่วไป

จากการสอบถามจำนวนตัวอย่าง จำนวน 2 ตัวอย่าง พบว่า กลุ่มตัวอย่างทั้งหมดเป็นเพศชาย มีอายุมากกว่า 50 ปี ด้านศาสนา พบว่า กลุ่มตัวอย่างทั้งหมดนับถือศาสนาพุทธ มีสถานะเป็นหัวหน้าครอบครัว ระดับการศึกษา พบว่า ทั้งหมดจบการศึกษาระดับประถมศึกษา และมีสถานภาพสมรส มีจำนวนสมาชิกในครอบครัว เฉลี่ย 1-3 คน และเฉลี่ย 4-6 คน จำนวน 1 ตัวอย่างเท่านั้น ทั้งหมดเป็นคนดั้งเดิมอยู่ท้องถิ่นนี้ตั้งแต่เกิด เมื่อสอบถามว่าคิดจะย้ายที่อยู่หรือไม่ กลุ่มตัวอย่างทั้งหมด ระบุว่าไม่คิดจะย้าย



สำหรับสภาพเศรษฐกิจ พบว่า ลักษณะของที่อยู่อาศัยของผู้ตอบแบบสอบถามทั้งหมดเป็นบ้านเดี่ยว จำนวน 2 ตัวอย่าง โดยทั้งหมดระบุว่าที่อยู่อาศัยเป็นของตนเอง อาชีพที่เป็นรายได้หลักของครอบครัว พบว่าเป็นลูกจ้าง/พนักงานบริษัทเอกชน จำนวน 1 ตัวอย่าง และรับจ้างทั่วไป จำนวน 1 ตัวอย่าง ในด้านสภาพทางการเงินของผู้ตอบแบบสอบถามทั้งหมด ระบุว่าสัดส่วนระหว่างรายรับกับรายจ่ายในแต่ละเดือนมีเพียงพอและเหลือเก็บ

- **อนามัยครอบครัว**

สำหรับข้อมูลด้านสุขภาพ กลุ่มตัวอย่างทั้งหมด จำนวน 2 ตัวอย่าง ไม่เคยมีอาการเจ็บป่วย ระบบสาธารณสุขปภอกและระบบสุขภาพชุมชน พบว่าแหล่งน้ำในการอุปโภคบริโภคในครัวเรือน กลุ่มตัวอย่างทั้งหมด จำนวน 2 ตัวอย่าง ใช้น้ำประปา สำหรับแหล่งน้ำในการบริโภค พบว่ากลุ่มตัวอย่างทั้งหมดดื่มน้ำบรรจุขวด/ถัง/ตู้

เมื่อสอบถามว่าในระยะเวลา 1 ปี ที่ผ่านมาประสบปัญหาเกี่ยวกับระบบสาธารณสุขปภอกหรือไม่ กลุ่มตัวอย่างทั้งหมด จำนวน 2 ตัวอย่าง ระบุว่า ไม่ประสบปัญหา

- **ผลกระทบด้านสิ่งแวดล้อมและสุขภาพที่ได้รับในปัจจุบัน**

จากการสัมภาษณ์กลุ่มพื้นที่อ่อนไหว จำนวน 2 ตัวอย่าง พบว่า ทั้งหมดไม่ได้รับผลกระทบด้านสิ่งแวดล้อมและสุขภาพในปัจจุบัน

เมื่อสอบถามว่าในระยะเวลา 1 ปี ที่ผ่านมาประสบปัญหาด้านน้ำท่วมหรือไม่ กลุ่มตัวอย่างทั้งหมดระบุว่า ไม่เคยประสบปัญหา จำนวน 2 ตัวอย่าง

- **การรับรู้ข่าวสารและความคิดเห็นที่มีต่อโครงการฯ**

- **การรับทราบข่าวสารว่ามีโครงการฯ**

ด้านการรับทราบข่าวสารว่ามีโครงการฯ (ระยะดำเนินการ) พบว่ากลุ่มตัวอย่างทั้งหมด จำนวน 2 ตัวอย่าง ไม่ทราบว่ามีโครงการฯ

- **ประโยชน์หรือผลดี และข้อวิตกกังวลจากโครงการฯ**

เมื่อสอบถามว่าการดำเนินโครงการที่ผ่านมา มีผลดีต่อชุมชนหรือไม่ พบว่ากลุ่มตัวอย่างทั้งหมด จำนวน 2 ตัวอย่าง ไม่แสดงความคิดเห็น/ไม่แน่ใจ อย่างไรก็ตามจากการดำเนินของโครงการฯ ที่ผ่านมา กลุ่มตัวอย่างทั้งหมด ระบุว่า ไม่มีความวิตกกังวล

- **ข้อเสนอแนะต่อโครงการฯ**

กลุ่มตัวอย่างไม่มีข้อเสนอแนะอื่นๆ เพิ่มเติมเกี่ยวกับการดำเนินโครงการฯ



## ความพึงพอใจต่อการดำเนินงานของโครงการฯ

### กลุ่มประชาชน สถานประกอบการ

ใช้การสอบถามผลดี ผลเสียของโครงการที่มีต่อชุมชนเพื่อแสดงความพึงพอใจต่อโครงการ พบว่าส่วนใหญ่ จำนวน 252 ตัวอย่าง (ร้อยละ 63.0) ระบุว่าโครงการไม่มีผลดีต่อชุมชน รองลงมาไม่แสดงความคิดเห็น/ไม่แน่ใจ จำนวน 121 ตัวอย่าง (ร้อยละ 30.2) และระบุว่าโครงการมีผลดี เนื่องจากการจ้างงานมากขึ้น และการค้าขายดีขึ้น จำนวน 27 ตัวอย่าง (ร้อยละ 6.8)

อย่างไรก็ตามจากการดำเนินของโครงการฯ ที่ผ่านมา กลุ่มตัวอย่าง จำนวน 333 ตัวอย่าง (ร้อยละ 83.3) ระบุว่า ไม่มีความวิตกกังวล รองลงมาไม่แสดงความคิดเห็น/ไม่แน่ใจ จำนวน 54 ตัวอย่าง (ร้อยละ 13.4) และมีความวิตกกังวล จำนวน 13 ตัวอย่าง (ร้อยละ 3.3) ความวิตกกังวลที่ได้รับคือปัญหาฝุ่นละออง เสียงดัง รบกวน ความสิ้นสะอาด ความปลอดภัยในชีวิตและทรัพย์สิน ปัญหาจากจราจร ปัญหาด้านทัศนียภาพ ปัญหาน้ำเสียและการระบายน้ำ ขยะมูลฝอยและสิ่งปฏิกูล มีสัดส่วนเท่ากัน จำนวน 13 ตัวอย่าง (ร้อยละ 3.3) และปัญหากลิ่นเหม็น จำนวน 6 ตัวอย่าง (ร้อยละ 1.5) ตามลำดับ

### กลุ่มพื้นที่อ่อนไหว

ใช้การสอบถามผลดี ผลเสียของโครงการที่มีต่อชุมชนเพื่อแสดงความพึงพอใจต่อโครงการ พบว่ากลุ่มพื้นที่อ่อนไหวทั้งหมด จำนวน 2 ตัวอย่าง แสดงความคิดเห็นเป็นกลาง โดยไม่แสดงความคิดเห็น/ไม่แน่ใจต่อโครงการ อย่างไรก็ตามจากการดำเนินของโครงการฯ ที่ผ่านมา กลุ่มพื้นที่อ่อนไหวทั้งหมด ระบุว่า ไม่แสดงความวิตกกังวลหรือไม่พอใจต่อโครงการแต่อย่างใด











แบบสอบถามประชาชนในพื้นที่ศึกษา (ประชาชน)  
โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
(ระยะดำเนินการ)

ตั้งอยู่ที่ 222 หมู่ที่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ

ชื่อ-นามสกุล .....  
บ้านเลขที่ ..... ซอย ..... ถนน .....  
ตำบล ..... อำเภอ ..... จังหวัด ..... หมายเลขโทรศัพท์ .....  
วันที่ ..... เดือน ..... ปี ..... ที่ตอบคำถาม

**ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบคำถาม**

1.1 เพศ 1. ( ) ชาย 2. ( ) หญิง

1.2 อายุ (ระบุ ..... ปี)

1. ( ) 21-30 ปี 2. ( ) 31-40 ปี 3. ( ) 41-50 ปี 4. ( ) มากกว่า 50 ปี

1.3 ศาสนา

1. ( ) พุทธ 2. ( ) อิสลาม 3. ( ) คริสต์ 4. ( ) อื่นๆ .....

1.4 สถานภาพทางครอบครัว

1. ( ) หัวหน้าครอบครัว 2. ( ) ภรรยา/สามีของหัวหน้าครอบครัว

3. ( ) บุตร/ลูกชาย/ลูกสะใภ้ของหัวหน้าครอบครัว 4. ( ) ญาติ/ผู้อยู่อาศัย

1.5 ระดับการศึกษาสูงสุด

1. ( ) ไม่ได้เรียนหนังสือ 2. ( ) ประถมศึกษา 3. ( ) มัธยมศึกษาตอนต้น 4. ( ) มัธยมศึกษาตอนปลายหรือเทียบเท่า

5. ( ) อนุปริญญา/ปวส. 6. ( ) ปริญญาตรี 7. ( ) สูงกว่าปริญญาตรี 8. ( ) อื่นๆ

1.6 สถานภาพการสมรส

1. ( ) โสด 2. ( ) สมรส 3. ( ) หย่าร้าง 4. ( ) อื่นๆ .....

1.7 จำนวนสมาชิกในครอบครัว

1. ( ) 1-3 คน 2. ( ) 4-6 คน 3. ( ) 7-9 คน 4. ( ) มากกว่า 9 คน

ทำงานมีรายได้ ..... คน เรียนหนังสือ ..... คน ไม่ได้ทำงาน ..... คน

1.8 ถิ่นที่อยู่อาศัย

1.8.1 การอพยพย้ายถิ่นฐาน

1. ( ) อยู่ท้องถิ่นนี้ตั้งแต่เกิด (ข้ามไปตอบข้อ 1.8.2)

2. ( ) ย้ายมาจากที่อื่น ย้ายเพราะ

1. ( ) มาทำงาน 2. ( ) มาเรียนหนังสือ 3. ( ) มาแต่งงาน 4. ( ) อื่นๆ ระบุ .....

3. ระยะเวลาที่ย้ายมาจากที่อื่นเข้ามาอาศัยอยู่ในท้องถิ่นอย่างต่อเนื่อง

1. ( ) 1-5 ปี 2. ( ) 6-10 ปี 3. ( ) 11-15 ปี 4. ( ) มากกว่า 15 ปี

1.8.2 คิดจะย้ายที่อยู่หรือไม่

1. ( ) คิดจะย้าย เพราะ ..... 2. ( ) ไม่คิดจะย้าย 3. ( ) ไม่แน่ใจ

**ส่วนที่ 2 ข้อมูลด้านเศรษฐกิจ-สังคม**

2.1 ลักษณะของอาคาร/บ้านที่อยู่อาศัย/ร้านค้า

1. ( ) บ้านไม่คงทนถาวร เช่น เฟิง 2. ( ) บ้านเดี่ยว 3. ( ) ทาวน์เฮ้าส์/บ้านแถว



4. ( ) ดึกแถว/อาคารพาณิชย์ 5. ( ) อพาร์ทเมนต์/หอพัก/อาคารชุด 6. ( ) อื่นๆ (ระบุ) .....

2.2 การเป็นเจ้าของที่อยู่อาศัย

1. ( ) ของตนเอง 2. ( ) เช่าทั้งหมด 3. ( ) เช่าบางส่วน 4. ( ) อาศัยทำประโยชน์

2.3 อาชีพที่เป็นรายได้หลักของครอบครัว

1. ( ) เกษตรกรรม 2. ( ) การค้า/ธุรกิจส่วนตัว 3. ( ) รับราชการ/รัฐวิสาหกิจ 4. ( ) รับจ้างทั่วไป  
5. ( ) รับจ้างในโรงงานอุตสาหกรรม 6. ( ) ลูกจ้าง/พนักงานบริษัทเอกชน 7. ( ) การขนส่ง/บริการ 8. ( ) อื่นๆ (ระบุ) .....

2.4 สัดส่วนระหว่างรายรับกับรายจ่ายในแต่ละเดือนเพียงพอหรือไม่

1. ( ) เพียงพอและเหลือเก็บ 2. ( ) เพียงพอแต่ไม่เหลือเก็บ 3. ( ) ไม่เพียงพอ

2.5 ในรอบ 1 ปี ที่ผ่านมาท่านเคยเจ็บป่วยหรือไม่

1. ( ) ไม่เคย  
2. ( ) เคย ป่วยด้วยโรค (ระบุ) 1. ( ) โรคเกี่ยวกับระบบทางเดินอาหาร 2. ( ) โรคเกี่ยวกับระบบทางเดินหายใจ  
3. ( ) โรคเกี่ยวกับกระดูก 4. ( ) โรคเกี่ยวกับผิวหนัง  
5. ( ) โรคประจำตัว 6. ( ) อื่นๆ (ระบุ) .....

เมื่อมีการเจ็บป่วยในครอบครัว ส่วนใหญ่ท่านไปรักษาที่สถานพยาบาลใด

1. ( ) โรงพยาบาลของรัฐ (ระบุชื่อ.....) 2. ( ) สถานิออนามัย (ระบุชื่อ.....)  
3. ( ) โรงพยาบาลเอกชน (ระบุชื่อ.....) 4. ( ) ซื้อยารับประทานเอง  
5. ( ) คลินิก 6. ( ) อื่นๆ.....

ส่วนที่ 3 ข้อมูลด้านการสาธารณสุขปภคและสภาพแวดล้อมปัจจุบัน

3.1 แหล่งน้ำใช้

1. ( ) น้ำฝน 2. ( ) น้ำประปา 3. ( ) น้ำบาดาล 4. ( ) น้ำจากลำคลอง/แม่น้ำ (โปรดระบุ) .....  
5. ( ) อื่นๆ (โปรดระบุ) .....

3.2 แหล่งน้ำดื่ม

1. ( ) น้ำฝน 2. ( ) น้ำประปา 3. ( ) น้ำบาดาล 4. ( ) น้ำบรรจุขวด/ถัง/ตู้  
5. ( ) น้ำกรอง 6. ( ) อื่นๆ (โปรดระบุ) .....

3.3 ในระยะเวลา 1 ปี ที่ผ่านมาท่านประสบปัญหาเกี่ยวกับระบบสาธารณสุขปภคดังนี้หรือไม่

ข้อมูล	ไม่มี	มี (โปรดระบุ)
1. น้ำใช้		
2. น้ำดื่ม		
3. ไฟฟ้า		
4. โทรศัพท์		
5. ถนน		
6. การจัดการขยะมูลฝอย		
7. รอบบริการสาธารณะ เช่น รถสองแถว		
8. อื่นๆ (โปรดระบุ) .....		



3.4 ในปัจจุบันท่านเคยได้รับผลกระทบด้านสิ่งแวดล้อมดังต่อไปนี้หรือไม่ ผลกระทบจากปัญหาสิ่งแวดล้อมที่ท่านได้รับในปัจจุบัน

ปัญหาสิ่งแวดล้อม	ไม่มีปัญหา	มีปัญหา	สาเหตุจาก (ระบุ)	ช่วงเวลาที่ได้รับผลกระทบ			ระยะเวลาที่ได้รับผลกระทบ			ระดับของผลกระทบ		
				ตลอดทั้งปี	เฉพาะเดือน (ระบุ)	บางวัน	ทุกวัน	บางวัน	ตลอดวัน	ไม่แน่นอน	มาก	ปานกลาง
1. ฝุ่นละออง												
2. เสียง												
3. กลิ่นเหม็น												
4. น้ำเสีย												
5. น้ำท่วมขัง												
6. ขยะมูลฝอย												
7. ความสั่นสะเทือน												
8. การจราจรติดขัด												
9. ทัศนียภาพ												
10. ปัญหาอาชญากรรม												
11. อื่นๆ (ระบุ) ....												



3.5 ในระยะเวลา 1 ปี ที่ผ่านมาท่านประสบปัญหาด้านน้ำท่วมหรือไม่

1. ( ) ไม่เคย                      2. ( ) เคย สาเหตุจาก (โปรดระบุ) .....

ช่วงที่ได้รับผลกระทบ: 1. ( ) ฤดูร้อน                      2. ( ) ฤดูฝน                      3. ( ) ฤดูหนาว                      4. ( ) ไม่แน่นอน

ระดับผลกระทบ: 1. ( ) มาก                      2. ( ) ปานกลาง                      3. ( ) น้อย

ส่วนที่ 4 การรับรู้ข่าวสารและความคิดเห็นที่มีต่อโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ

(ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ)

4.1 ท่านทราบหรือไม่ว่ามีโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ)

1. ( ) ไม่ทราบ

2. ( ) ทราบ (ตอบได้มากกว่า 1 ข้อ)

1. ( ) ทราบด้วยตนเองจากป้ายหน้าโครงการ/พื้นที่ตั้งโครงการ

2. ( ) เพื่อนบ้าน

3. ( ) เจ้าหน้าที่ชุมชน

4. ( ) เจ้าหน้าที่จากโครงการ

5. ( ) เอกสารประชาสัมพันธ์

6. ( ) อื่นๆ (โปรดระบุ) .....

4.2 ท่านคิดว่าการดำเนินโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ) มีผลดีต่อชุมชนท่านหรือไม่

1. ( ) ไม่มี

2. ( ) ไม่แสดงความคิดเห็น/ไม่แน่ใจ

3. ( ) มี ได้แก่ (ตอบได้มากกว่า 1 ข้อ)

ผลดี	ระดับผลดี		
	น้อย	ปานกลาง	มาก
1. มีการจ้างงานมากขึ้น			
2. การค้าขายดีขึ้น			
3. อื่นๆ ระบุ .....			

4.3 ท่านคิดว่าการดำเนินโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ) มีความวิตกกังวลหรือไม่

1. ( ) ไม่มี

2. ( ) ไม่แสดงความคิดเห็น/ไม่แน่ใจ

3. ( ) มี ได้แก่ (ตอบได้มากกว่า 1 ข้อ)

ประเด็นความวิตกกังวล	ระดับความวิตกกังวล		
	น้อย	ปานกลาง	มาก
1. ปัญหาฝุ่นละออง			
2. เสียงดังรบกวน			
3. ความสั่นสะเทือน			
4. ความปลอดภัยในชีวิตและทรัพย์สิน			
5. ปัญหาจากรถรา			
6. ปัญหาด้านทัศนียภาพ			
7. ปัญหาน้ำเสียและการระบายน้ำ			
8. ขยะมูลฝอยและสิ่งปฏิกูล			
9. กลิ่นเหม็น			
10. อื่นๆ ระบุ .....			



#### 4.4 ข้อเสนอแนะ

1. ( ) ไม่มี

2. ( ) มี ระบุ.....  
.....  
.....  
.....







แบบสอบถามประชาชนในพื้นที่ศึกษา (ผู้นำชุมชน)

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
(ระยะดำเนินการ)

ตั้งอยู่ที่ 222 หมู่ที่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ

ชื่อ-นามสกุล .....

บ้านเลขที่ ..... ซอย ..... ถนน .....

ตำบล ..... อำเภอ ..... จังหวัด ..... หมายเลขโทรศัพท์ .....

วันที่ ..... เดือน ..... ปี ..... ที่ตอบคำถาม

ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบคำถาม

1.1 เพศ 1. ( ) ชาย 2. ( ) หญิง

1.2 อายุ (ระบุ ..... ปี)

1. ( ) 21-30 ปี 2. ( ) 31-40 ปี 3. ( ) 41-50 ปี 4. ( ) มากกว่า 50 ปี

1.3 ศาสนา

1. ( ) พุทธ 2. ( ) อิสลาม 3. ( ) คริสต์ 4. ( ) อื่นๆ .....

1.4 สถานภาพทางครอบครัว

1. ( ) หัวหน้าครอบครัว 2. ( ) ภรรยา/สามีของหัวหน้าครอบครัว

3. ( ) บุตร/ลูกชาย/ลูกสะใภ้ของหัวหน้าครอบครัว 4. ( ) ญาติ/ผู้อยู่อาศัย

1.5 ระดับการศึกษาสูงสุด

1. ( ) ไม่ได้เรียนหนังสือ 2. ( ) ประถมศึกษา 3. ( ) มัธยมศึกษาตอนต้น 4. ( ) มัธยมศึกษาตอนปลายหรือเทียบเท่า

5. ( ) อนุปริญญา/ปวส. 6. ( ) ปริญญาตรี 7. ( ) สูงกว่าปริญญาตรี 8. ( ) อื่นๆ

1.6 สถานภาพการสมรส

1. ( ) โสด 2. ( ) สมรส 3. ( ) หย่าร้าง 4. ( ) อื่นๆ .....

1.7 จำนวนสมาชิกในครอบครัว

1. ( ) 1-3 คน 2. ( ) 4-6 คน 3. ( ) 7-9 คน 4. ( ) มากกว่า 9 คน

ทำงานมีรายได้ ..... คน เรียนหนังสือ ..... คน ไม่ได้ทำงาน ..... คน

1.8 ถิ่นที่อยู่อาศัย

1.8.1 การอพยพย้ายถิ่นฐาน

1. ( ) อยู่ท้องถิ่นนี้ตั้งแต่เกิด (ข้ามไปตอบข้อ 1.8.2)

2. ( ) ย้ายมาจากที่อื่น ย้ายเพราะ

1. ( ) มาทำงาน 2. ( ) มาเรียนหนังสือ 3. ( ) มาแต่งงาน 4. ( ) อื่นๆ ระบุ .....

3. ระยะเวลาที่ย้ายมาจากที่อื่นเข้ามาอาศัยอยู่ในท้องถิ่นอย่างต่อเนื่อง

1. ( ) 1-5 ปี 2. ( ) 6-10 ปี 3. ( ) 11-15 ปี 4. ( ) มากกว่า 15 ปี

1.8.2 คิดจะย้ายที่อยู่อื่นหรือไม่

1. ( ) คิดจะย้าย เพราะ ..... 2. ( ) ไม่คิดจะย้าย 3. ( ) ไม่แน่ใจ

ส่วนที่ 2 ข้อมูลด้านเศรษฐกิจ-สังคม

2.1 ลักษณะของอาคาร/บ้านที่อยู่อาศัย/ร้านค้า

1. ( ) บ้านไม่คงทนถาวร เช่น เฟอร์นิเจอร์ 2. ( ) บ้านเดี่ยว 3. ( ) ทาวน์เฮาส์/บ้านแถว



4. ( ) ดึกแถว/อาคารพาณิชย์ 5. ( ) อพาร์ทเมนต์/หอพัก/อาคารชุด 6. ( ) อื่นๆ (ระบุ) .....

2.2 การเป็นเจ้าของที่อยู่อาศัย

1. ( ) ของตนเอง 2. ( ) เช่าทั้งหมด 3. ( ) เช่าบางส่วน 4. ( ) อาศัยทำประโยชน์

2.3 อาชีพที่เป็นรายได้หลักของครอบครัว

1. ( ) เกษตรกรรม 2. ( ) การค้า/ธุรกิจส่วนตัว 3. ( ) รับราชการ/รัฐวิสาหกิจ 4. ( ) รับจ้างทั่วไป  
5. ( ) รับจ้างในโรงงานอุตสาหกรรม 6. ( ) ลูกจ้าง/พนักงานบริษัทเอกชน 7. ( ) การขนส่ง/บริการ 8. ( ) อื่นๆ (ระบุ) .....

2.4 สัดส่วนระหว่างรายรับกับรายจ่ายในแต่ละเดือนเพียงพอหรือไม่

1. ( ) เพียงพอและเหลือเก็บ 2. ( ) เพียงพอแต่ไม่เหลือเก็บ 3. ( ) ไม่เพียงพอ

2.5 ในรอบ 1 ปี ที่ผ่านมาท่านเคยเจ็บป่วยหรือไม่

1. ( ) ไม่เคย  
2. ( ) เคย ป่วยด้วยโรค (ระบุ) 1. ( ) โรคเกี่ยวกับระบบทางเดินอาหาร 2. ( ) โรคเกี่ยวกับระบบทางเดินหายใจ  
3. ( ) โรคเกี่ยวกับกระดูก 4. ( ) โรคเกี่ยวกับผิวหนัง  
5. ( ) โรคประจำตัว 6. ( ) อื่นๆ (ระบุ) .....

เมื่อมีการเจ็บป่วยในครอบครัว ส่วนใหญ่ท่านไปรักษาที่สถานพยาบาลใด

1. ( ) โรงพยาบาลของรัฐ (ระบุชื่อ.....) 2. ( ) สถานีอนามัย (ระบุชื่อ.....)  
3. ( ) โรงพยาบาลเอกชน (ระบุชื่อ.....) 4. ( ) ซื้อยารับประทานเอง  
5. ( ) คลินิก 6. ( ) อื่นๆ.....

ส่วนที่ 3 ข้อมูลด้านการสาธารณสุขปภคและสภาพแวดล้อมปัจจุบัน

3.1 แหล่งน้ำใช้

1. ( ) น้ำฝน 2. ( ) น้ำประปา 3. ( ) น้ำบาดาล 4. ( ) น้ำจากลำคลอง/แม่น้ำ (โปรดระบุ) .....  
5. ( ) อื่นๆ (โปรดระบุ) .....

3.2 แหล่งน้ำดื่ม

1. ( ) น้ำฝน 2. ( ) น้ำประปา 3. ( ) น้ำบาดาล 4. ( ) น้ำบรรจุขวด/ถัง/ตู้  
5. ( ) น้ำกรอง 6. ( ) อื่นๆ (โปรดระบุ) .....

3.3 ในระยะเวลา 1 ปี ที่ผ่านมาท่านประสบปัญหาเกี่ยวกับระบบสาธารณสุขปภคดังนี้หรือไม่

ข้อมูล	ไม่มี	มี (โปรดระบุ)
1. น้ำใช้		
2. น้ำดื่ม		
3. ไฟฟ้า		
4. โทรศัพท์		
5. ถนน		
6. การจัดการขยะมูลฝอย		
7. รถบริการสาธารณะ เช่น รถสองแถว		
8. อื่นๆ (โปรดระบุ) .....		



3.4 ในปัจจุบันท่านเคยได้รับผลกระทบด้านสิ่งแวดล้อมดังต่อไปนี้หรือไม่ ผลกระทบจากปัญหามลพิษที่ชุมชนของท่านได้รับในปัจจุบัน

ปัญหาสิ่งแวดล้อม	ไม่มีปัญหา	มีปัญหา	สาเหตุจาก (ระบุ)	ช่วงเวลาที่ได้รับผลกระทบ			ระยะเวลาที่ได้รับผลกระทบ			ระดับของผลกระทบ			
				ตลอดทั้งปี	เฉพาะเดือน (ระบุ)	บางวัน	กลางวัน	กลางคืน	ตลอดวัน	ไม่แน่นอน	มาก	ปานกลาง	น้อย
1. ฝุ่นละออง													
2. เสียง													
3. กลิ่นเหม็น													
4. น้ำเสีย													
5. น้ำท่วมขัง													
6. ขยะมูลฝอย													
7. ความสั่นสะเทือน													
8. การจราจรติดขัด													
9. ทัศนียภาพ													
10. ปัญหาอาชญากรรม													
11. อื่นๆ (ระบุ) ....													



3.5 ในระยะเวลา 1 ปี ที่ผ่านมาท่านประสบปัญหาด้านน้ำท่วมหรือไม่

1. ( ) ไม่เคย                      2. ( ) เคย สาเหตุจาก (โปรดระบุ) .....

ช่วงที่ได้รับผลกระทบ: 1. ( ) ฤดูร้อน                      2. ( ) ฤดูฝน                      3. ( ) ฤดูหนาว                      4. ( ) ไม่แน่นอน

ระดับผลกระทบ: 1. ( ) มาก                      2. ( ) ปานกลาง                      3. ( ) น้อย

ส่วนที่ 4 การรับรู้ข่าวสารและความคิดเห็นที่มีต่อโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ

(ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ)

4.1 ท่านทราบหรือไม่ว่ามีโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ)

1. ( ) ไม่ทราบ  
2. ( ) ทราบ (ตอบได้มากกว่า 1 ข้อ)

1. ( ) ทราบด้วยตนเองจากป้ายหน้าโครงการ/พื้นที่ตั้งโครงการ                      2. ( ) เพื่อนบ้าน  
3. ( ) เจ้าหน้าที่ชุมชน                      4. ( ) เจ้าหน้าที่จากโครงการ  
5. ( ) เอกสารประชาสัมพันธ์                      6. ( ) อื่นๆ (โปรดระบุ) .....

4.2 ท่านคิดว่าการดำเนินโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ) มีผลดีต่อชุมชนท่านหรือไม่

1. ( ) ไม่มี                      2. ( ) ไม่แสดงความคิดเห็น/ไม่แน่ใจ                      3. ( ) มี ได้แก่ (ตอบได้มากกว่า 1 ข้อ)

ผลดี	ระดับผลดี		
	น้อย	ปานกลาง	มาก
1. มีการจ้างงานมากขึ้น			
2. การค้าขายดีขึ้น			
3. อื่นๆ ระบุ .....			

4.3 ท่านคิดว่าการดำเนินโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ) มีความวิตกกังวลหรือไม่

1. ( ) ไม่มี                      2. ( ) ไม่แสดงความคิดเห็น/ไม่แน่ใจ                      3. ( ) มี ได้แก่ (ตอบได้มากกว่า 1 ข้อ)

ประเด็นความวิตก	ระดับความวิตก		
	น้อย	ปานกลาง	มาก
1. ปัญหาฝุ่นละออง			
2. เสียงดังรบกวน			
3. ความสั่นสะเทือน			
4. ความปลอดภัยในชีวิตและทรัพย์สิน			
5. ปัญหาจากจราจร			
6. ปัญหาด้านทัศนียภาพ			
7. ปัญหาน้ำเสียและการระบายน้ำ			
8. ขยะมูลฝอยและสิ่งปฏิกูล			
9. กลิ่นเหม็น			
10. อื่นๆ ระบุ .....			



#### 4.4 ข้อเสนอแนะ

1. ( ) ไม่มี

2. ( ) มีระบุ.....

.....

.....

.....







แบบสอบถามประชาชนในพื้นที่ศึกษา (พื้นที่อ่อนไหว)

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด  
(ระยะดำเนินการ)

ตั้งอยู่ที่ 222 หมู่ที่ 1 ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ

ชื่อ-นามสกุล .....

บ้านเลขที่ ..... ซอย ..... ถนน .....

ตำบล ..... อำเภอ ..... จังหวัด ..... หมายเลข โทรศัพท์ .....

วันที่ ..... เดือน ..... ปี ..... ที่ตอบคำถาม

ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบคำถาม

1.1 เพศ 1. ( ) ชาย 2. ( ) หญิง

1.2 อายุ (ระบุ ..... ปี)

1. ( ) 21-30 ปี 2. ( ) 31-40 ปี 3. ( ) 41-50 ปี 4. ( ) มากกว่า 50 ปี

1.3 ศาสนา

1. ( ) พุทธ 2. ( ) อิสลาม 3. ( ) คริสต์ 4. ( ) อื่นๆ .....

1.4 สถานภาพทางครอบครัว

1. ( ) หัวหน้าครอบครัว 2. ( ) ภรรยา/สามีของหัวหน้าครอบครัว

3. ( ) บุตร/ลูกชาย/ลูกสะใภ้ของหัวหน้าครอบครัว 4. ( ) ญาติ/ผู้อาศัย

1.5 ระดับการศึกษาสูงสุด

1. ( ) ไม่ได้เรียนหนังสือ 2. ( ) ประถมศึกษา 3. ( ) มัธยมศึกษาตอนต้น 4. ( ) มัธยมศึกษาตอนปลายหรือเทียบเท่า

5. ( ) อนุปริญญา/ปวส. 6. ( ) ปริญญาตรี 7. ( ) สูงกว่าปริญญาตรี 8. ( ) อื่นๆ

1.6 สถานภาพการสมรส

1. ( ) โสด 2. ( ) สมรส 3. ( ) หย่าร้าง 4. ( ) อื่นๆ .....

1.7 จำนวนสมาชิกในครอบครัว

1. ( ) 1-3 คน 2. ( ) 4-6 คน 3. ( ) 7-9 คน 4. ( ) มากกว่า 9 คน

ทำงานมีรายได้ ..... คน เรียนหนังสือ ..... คน ไม่ได้ทำงาน ..... คน

1.8 ดินที่อยู่อาศัย

1.8.1 การอพยพย้ายถิ่นฐาน

1. ( ) อยู่ท้องถื่นนี้ตั้งแต่เกิด (ข้ามไปตอบข้อ 1.8.2)

2. ( ) ย้ายมาจากที่อื่น ย้ายเพราะ

1. ( ) มาทำงาน 2. ( ) มาเรียนหนังสือ 3. ( ) มาแต่งงาน 4. ( ) อื่นๆ ระบุ .....

3. ระยะเวลาที่ย้ายมาจากที่อื่นเข้ามาอาศัยอยู่ในท้องถื่นอย่างต่อเนื่อง

1. ( ) 1-5 ปี 2. ( ) 6-10 ปี 3. ( ) 11-15 ปี 4. ( ) มากกว่า 15 ปี

1.8.2 คิดจะย้ายที่อยู่อื่นหรือไม่

1. ( ) คิดจะย้าย เพราะ ..... 2. ( ) ไม่คิดจะย้าย 3. ( ) ไม่แน่ใจ

ส่วนที่ 2 ข้อมูลด้านเศรษฐกิจ-สังคม

2.1 ลักษณะของอาคาร/บ้านที่อยู่อาศัย/ร้านค้า

1. ( ) บ้านไม่คงทนถาวร เช่น เฟอร์นิเจอร์ 2. ( ) บ้านเดี่ยว 3. ( ) ทาวน์เฮาส์/บ้านแถว



4. ( ) ดึกแถว/อาคารพาณิชย์ 5. ( ) อพาร์ทเมนต์/หอพัก/อาคารชุด 6. ( ) อื่นๆ (ระบุ) .....

2.2 การเป็นเจ้าของที่อยู่อาศัย

1. ( ) ของตนเอง 2. ( ) เช่าทั้งหมด 3. ( ) เช่าบางส่วน 4. ( ) อาศัยทำประโยชน์

2.3 อาชีพที่เป็นรายได้หลักของครอบครัว

1. ( ) เกษตรกรรม 2. ( ) การค้า/ธุรกิจส่วนตัว 3. ( ) รับราชการ/รัฐวิสาหกิจ 4. ( ) รับจ้างทั่วไป  
5. ( ) รับจ้างในโรงงานอุตสาหกรรม 6. ( ) ลูกจ้าง/พนักงานบริษัทเอกชน 7. ( ) การขนส่ง/บริการ 8. ( ) อื่นๆ (ระบุ) .....

2.4 สัดส่วนระหว่างรายรับกับรายจ่ายในแต่ละเดือนเพียงพอหรือไม่

1. ( ) เพียงพอและเหลือเก็บ 2. ( ) เพียงพอแต่ไม่เหลือเก็บ 3. ( ) ไม่เพียงพอ

2.5 ในรอบ 1 ปี ที่ผ่านมาท่านเคยเจ็บป่วยหรือไม่

1. ( ) ไม่เคย  
2. ( ) เคย ป่วยด้วยโรค (ระบุ) 1. ( ) โรคเกี่ยวกับระบบทางเดินอาหาร 2. ( ) โรคเกี่ยวกับระบบทางเดินหายใจ  
3. ( ) โรคเกี่ยวกับกระดูก 4. ( ) โรคเกี่ยวกับผิวหนัง  
5. ( ) โรคประจำตัว 6. ( ) อื่นๆ (ระบุ) .....

เมื่อมีการเจ็บป่วยในครอบครัว ส่วนใหญ่ท่านไปรักษาที่สถานพยาบาลใด

1. ( ) โรงพยาบาลของรัฐ (ระบุชื่อ.....) 2. ( ) สถานีอนามัย (ระบุชื่อ.....)  
3. ( ) โรงพยาบาลเอกชน (ระบุชื่อ.....) 4. ( ) ซื้อยารับประทานเอง  
5. ( ) คลินิก 6. ( ) อื่นๆ.....

ส่วนที่ 3 ข้อมูลด้านการสาธารณสุขโลกและสภาพแวดล้อมปัจจุบัน

3.1 แหล่งน้ำใช้

1. ( ) น้ำฝน 2. ( ) น้ำประปา 3. ( ) น้ำบาดาล 4. ( ) น้ำจากลำคลอง/แม่น้ำ (โปรดระบุ) .....  
5. ( ) อื่นๆ (โปรดระบุ) .....

3.2 แหล่งน้ำดื่ม

1. ( ) น้ำฝน 2. ( ) น้ำประปา 3. ( ) น้ำบาดาล 4. ( ) น้ำบรรจุขวด/ถัง/ตู้  
5. ( ) น้ำกรอง 6. ( ) อื่นๆ (โปรดระบุ) .....

3.3 ในระยะเวลา 1 ปี ที่ผ่านมาท่านประสบปัญหาเกี่ยวกับระบบสาธารณสุขโลกดังนี้หรือไม่

ข้อมูล	ไม่มี	มี (โปรดระบุ)
1. น้ำใช้		
2. น้ำดื่ม		
3. ไฟฟ้า		
4. โทรศัพท์		
5. ถนน		
6. การจัดการขยะมูลฝอย		
7. รถบริการสาธารณะ เช่น รถสองแถว		
8. อื่นๆ (โปรดระบุ) .....		



3.4 ในปัจจุบันท่านเคยได้รับผลกระทบด้านสิ่งแวดล้อมดังต่อไปนี้หรือไม่ ผลกระทบจากปัญหามลพิษที่ชุมชนของท่าน ได้รับในปัจจุบัน

ปัญหาสิ่งแวดล้อม	ไม่มีปัญหา	มีปัญหา	สาเหตุจาก (ระบุ)	ช่วงเวลาที่ได้รับผลกระทบ			ระยะเวลาที่ได้รับผลกระทบ			ระดับของผลกระทบ		
				ตลอดทั้งปี	เฉพาะเดือน (ระบุ)	บางวัน	ตลอดวัน	กลางคืน	ไม่แน่นอน	มาก	ปานกลาง	น้อย
1. ฝุ่นละออง												
2. เสียง												
3. กลิ่นเหม็น												
4. น้ำเสีย												
5. น้ำท่วมขัง												
6. ขยะมูลฝอย												
7. ความสั่นสะเทือน												
8. การจราจรติดขัด												
9. ทัศนียภาพ												
10. ปัญหาอาชญากรรม												
11. อื่นๆ (ระบุ) ....												



3.5 ในระยะเวลา 1 ปี ที่ผ่านมาท่านประสบปัญหาด้านน้ำท่วมหรือไม่

1. ( ) ไม่เคย                      2. ( ) เคย สาเหตุจาก (โปรดระบุ) .....

ช่วงที่ได้รับผลกระทบ: 1. ( ) ฤดูร้อน                      2. ( ) ฤดูฝน                      3. ( ) ฤดูหนาว                      4. ( ) ไม่แน่นอน

ระดับผลกระทบ: 1. ( ) มาก                      2. ( ) ปานกลาง                      3. ( ) น้อย

ส่วนที่ 4 การรับรู้ข่าวสารและความคิดเห็นที่มีต่อโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ

(ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ)

4.1 ท่านทราบหรือไม่ว่ามีโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ)

1. ( ) ไม่ทราบ  
2. ( ) ทราบ (ตอบได้มากกว่า 1 ข้อ)  
1. ( ) ทราบด้วยตนเองจากป้ายหน้าโครงการ/พื้นที่ตั้งโครงการ                      2. ( ) เพื่อนบ้าน  
3. ( ) เจ้าหน้าที่ชุมชน                      4. ( ) เจ้าหน้าที่จากโครงการ  
5. ( ) เอกสารประชาสัมพันธ์                      6. ( ) อื่นๆ (โปรดระบุ) .....

4.2 ท่านคิดว่าการดำเนินโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ) มีผลดีต่อชุมชนท่านหรือไม่

1. ( ) ไม่มี                      2. ( ) ไม่แสดงความคิดเห็น/ไม่แน่ใจ                      3. ( ) มี ได้แก่ (ตอบได้มากกว่า 1 ข้อ)

ผลดี	ระดับผลดี		
	น้อย	ปานกลาง	มาก
1. มีการจ้างงานมากขึ้น			
2. การค้าขายดีขึ้น			
3. อื่นๆ ระบุ .....			

4.3 ท่านคิดว่าการดำเนินโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ) มีความวิตกกังวลหรือไม่

1. ( ) ไม่มี                      2. ( ) ไม่แสดงความคิดเห็น/ไม่แน่ใจ                      3. ( ) มี ได้แก่ (ตอบได้มากกว่า 1 ข้อ)

ประเด็นความวิตก	ระดับความวิตก		
	น้อย	ปานกลาง	มาก
1. ปัญหาฝุ่นละออง			
2. เสียงดังรบกวน			
3. ความสั่นสะเทือน			
4. ความปลอดภัยในชีวิตและทรัพย์สิน			
5. ปัญหาจากจราจร			
6. ปัญหาด้านทัศนียภาพ			
7. ปัญหาน้ำเสียและการระบายน้ำ			
8. ขยะมูลฝอยและสิ่งปฏิกูล			
9. กลิ่นเหม็น			
10. อื่นๆ ระบุ .....			



#### 4.4 ข้อเสนอแนะ

1. ( ) ไม่มี

2. ( ) มี ระบุ.....  
.....  
.....  
.....







ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
จำนวนผู้ตอบแบบสอบถาม	397	100.0	3	100.0	2	100.0
<b>ส่วนที่ 1 ข้อมูลทั่วไปของผู้ตอบคำถาม</b>						
<b>1.1 เพศ</b>						
[1] ชาย	176	44.3	2	66.7	2	100.0
[2] หญิง	221	55.7	1	33.3	0	0.0
รวม	397	100.0	3	100.0	2	100.0
<b>1.2 อายุ</b>						
[1] 21-30 ปี	45	11.3	0	0.0	0	0.0
[2] 31-40 ปี	107	27.0	0	0.0	0	0.0
[3] 41-50 ปี	123	31.0	0	0.0	0	0.0
[4] มากกว่า 50 ปี	122	30.7	3	100.0	2	100.0
รวม	397	100.0	3	100.0	2	100.0
<b>1.3 ศาสนา</b>						
[1] พุทธ	390	98.2	3	100.0	2	100.0
[2] อิสลาม	7	1.8	0	0.0	0	0.0
[3] คริสต์	0	0.0	0	0.0	0	0.0
[4] อื่นๆ	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
<b>1.4 สถานภาพทางครอบครัว</b>						
[1] หัวหน้าครอบครัว	204	51.4	3	100.0	2	100.0
[2] ภรรยา/สามีของหัวหน้าครอบครัว	116	29.2	0	0.0	0	0.0
[3] บุตร/ลูกชาย/ลูกสะใภ้ของหัวหน้าครอบครัว	66	16.6	0	0.0	0	0.0
[4] ลูกพี่/ลูกน้อง	11	2.8	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
<b>1.5 ระดับการศึกษาสูงสุด</b>						
[1] ไม่ได้เรียนหนังสือ	8	2.0	0	0.0	0	0.0
[2] ประถมศึกษา	70	17.6	2	66.7	2	100.0
[3] มัธยมศึกษาตอนต้น	83	20.9	1	33.3	0	0.0
[4] มัธยมศึกษาตอนปลาย	74	18.6	0	0.0	0	0.0
[5] อนุปริญญา/ปวส.	74	18.6	0	0.0	0	0.0
[6] ปริญญาตรี	88	22.2	0	0.0	0	0.0
[7] สูงกว่าปริญญาตรี	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
<b>1.6 สถานภาพการสมรส</b>						
[1] โสด	96	24.2	0	0.0	0	0.0
[2] สมรส	295	74.3	2	66.7	2	100.0
[3] หย่าร้าง	3	0.8	0	0.0	0	0.0
[4] หม้าย	3	0.8	1	33.3	0	0.0
[5] แยกกันอยู่	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
<b>1.7 จำนวนสมาชิกในครอบครัว</b>						
[1] 1-3 คน	153	38.5	2	66.7	1	50.0
[2] 4-6 คน	215	54.2	0	0.0	1	50.0
[3] 7-9 คน	29	7.3	1	33.3	0	0.0
[4] มากกว่า 9 คน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>397</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>
<b>ทำงานมีรายได้ .....</b> คน	2.7		3.0		3.0	
[1] 1-3 คน	293	73.8	2	66.7	2	100.0
[2] 4-6 คน	94	23.7	1	33.3	0	0.0
[3] 7-9 คน	0	0.0	0	0.0	0	0.0
[4] มากกว่า 9 คน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>387</b>	<b>96.8</b>	<b>3</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>
<b>เรียนหนังสือ .....</b> คน	1.4		1.0		2.0	
[1] 1-3 คน	247	62.2	3	100.0	1	50.0
[2] 4-6 คน	3	0.8	0	0.0	0	0.0
[3] 7-9 คน	0	0.0	0	0.0	0	0.0
[4] มากกว่า 9 คน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>250</b>	<b>63.0</b>	<b>3</b>	<b>100.0</b>	<b>1</b>	<b>50.0</b>
<b>ไม่ได้ทำงาน .....</b> คน	1.1		1.0		1.1	
[1] 1-3 คน	137	34.5	1	33.3	0	0.0
[2] 4-6 คน	0	0.0	0	0.0	0	0.0
[3] 7-9 คน	0	0.0	0	0.0	0	0.0
[4] มากกว่า 9 คน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>137</b>	<b>34.5</b>	<b>2</b>	<b>66.7</b>	<b>0</b>	<b>0.0</b>
<b>1.8 อื่นที่อยู่อาศัย</b>						
<b>1.8.1 การอพยพย้ายถิ่นฐาน</b>						
[1] อยู่ท้องถิ่นนี้ตั้งแต่เกิด (ข้ามไปตอบข้อ 1.8.2)	289	72.8	2	66.7	2	100.0
[2] ย้ายมาจากที่อื่น ย้ายเพราะ	108	27.2	1	33.3	0	0.0
[1] มาทำงาน	92	23.2	1	33.3	0	0.0
[2] มาเรียนหนังสือ	0	0.0	0	0.0	0	0.0
[3] มาแต่งงาน	16	4.0	0	0.0	0	0.0
[4] ย้ายตามครอบครัว	0	0.0	0	0.0	0	0.0
[5] มาบวชอยู่วัด	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>397</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>
[3] ระยะเวลาที่ย้ายมาจากที่อื่นเข้ามาอาศัยอยู่ในท้องถิ่นนี้ช่วงกี่ปี						
[1] 1-5 ปี	29	7.3	0	0.0	0	0.0
[2] 6-10 ปี	39	9.8	0	0.0	0	0.0
[3] 11-15 ปี	8	2.0	0	0.0	0	0.0
[4] มากกว่า 15 ปี	28	7.1	1	33.3	0	0.0
<b>รวม</b>	<b>104</b>	<b>9.1</b>	<b>1</b>	<b>33.3</b>	<b>0</b>	<b>0.0</b>



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
1.8.2 คิดจะย้ายที่อยู่หรือไม่						
(1) คิดจะย้าย เพราะ	0	0.0	0	0.0	0	0.0
กลับภูมิลำเนา	0	0.0	0	0.0	0	0.0
ไปซื้อบ้านอยู่แห่งใหม่	0	0.0	0	0.0	0	0.0
ไม่ระบุ	0	0.0	0	0.0	0	0.0
(2) ไม่คิดจะย้าย	366	92.2	3	100.0	2	100.0
(3) ไม่แน่ใจ	31	7.8	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
<b>ส่วนที่ 2 ข้อมูลด้านเศรษฐกิจ และสังคม</b>						
2.1 ลักษณะของอาคาร/บ้านที่อยู่อาศัย/ร้านค้า						
(1) บ้านไม่คงทนถาวร เช่น เติง	0	0.0	0	0.0	0	0.0
(2) บ้านเดี่ยว	365	91.9	3	100.0	2	100.0
(3) ทาวน์เฮาส์/บ้านแถว	6	1.5	0	0.0	0	0.0
(4) ตึกแถว/อาคารพาณิชย์	10	2.5	0	0.0	0	0.0
(5) อพาร์ทเมนต์/หอพัก/อาคารชุด/คอนโดมิเนียม	16	4.0	0	0.0	0	0.0
(6) อาคาร 1 ชั้น	0	0.0	0	0.0	0	0.0
(7) อาคารสำนักงาน	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
2.2 การเป็นเจ้าของที่อยู่อาศัย						
(1) ของตนเอง	300	75.6	3	100.0	2	100.0
(2) เช่าทั้งหมด	41	10.3	0	0.0	0	0.0
(3) เช่าบางส่วน	45	11.3	0	0.0	0	0.0
(4) อาศัยทำประโยชน์	11	2.8	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
2.3 อาชีพที่เป็นรายได้หลักของครอบครัว						
(1) เกษตรกรรม	0	0.0	0	0.0	0	0.0
(2) การค้า/ธุรกิจส่วนตัว	189	47.6	2	66.7	0	0.0
(3) รับราชการ/รัฐวิสาหกิจ	8	2.0	0	0.0	0	0.0
(4) รับจ้างทั่วไป	31	7.8	1	33.3	1	50.0
(5) รับจ้างในโรงงานอุตสาหกรรม	12	3.0	0	0.0	0	0.0
(6) ลูกจ้าง/พนักงานบริษัทเอกชน	157	39.5	0	0.0	1	50.0
(7) การขนส่ง/บริการ	0	0.0	0	0.0	0	0.0
(8) ทำงาน/กัญ	0	0.0	0	0.0	0	0.0
(9) เกษียณอายุ	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
2.4 สัดส่วนระหว่างรายรับกับรายจ่ายในแต่ละเดือนเพียงพอหรือไม่						
(1) เพียงพอและเหลือเก็บ	290	73.1	1	33.3	2	100.0
(2) เพียงพอแต่ไม่เหลือเก็บ	99	24.9	2	66.7	0	0.0
(3) ไม่เพียงพอ	8	2.0	0	0.0	0	0.0
รวม	397	100.1	3	100.0	2	100.0



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สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
2.5 ในรอบ 1 ปี ที่ผ่านมามีเจ็บป่วยหรือไม่						
[1] ไม่เคย	329	82.9	2	66.7	2	100.0
[2] เคย	68	17.1	1	33.3	0	0.0
รวม	397	100.0	3	100.0	2	100.0
2.5.1 กรณีเคยป่วยโรคที่เจ็บป่วย ได้แก่ (ตอบได้มากกว่า 1 คำตอบ)						
[1] โรคเกี่ยวกับระบบทางเดินอาหาร	0	0.0	0	0.0	0	0.0
[2] โรคเกี่ยวกับระบบทางเดินหายใจ	21	5.3	0	0.0	0	0.0
[3] โรคเกี่ยวกับกระดูก	6	1.5	1	33.3	0	0.0
[4] โรคเกี่ยวกับผิวหนัง	0	0.0	0	0.0	0	0.0
[5] โรคประจำตัว	41	10.3	0	0.0	0	0.0
[6] โรคซึมเศร้า	0	0.0	0	0.0	0	0.0
รวม	68	17.1	1	33.3	0	0.0
2.5.2 เมื่อมีเจ็บป่วยในรอบหนึ่งปีที่ผ่านมา ส่วนใหญ่ท่านไปรักษา ที่สถานพยาบาลใด						
[1] โรงพยาบาลของรัฐ (ระบุชื่อ)	298	75.1	3	100.0	0	0.0
โรงพยาบาลลาดกระบัง	270	68.0	3	100.0	0	0.0
โรงพยาบาลราชวิถี	7	1.8	0	0.0	0	0.0
โรงพยาบาลสิรินธร	21	5.3	0	0.0	0	0.0
[2] สถานอนามัย (ระบุชื่อ)	0	0.0	0	0.0	0	0.0
[3] โรงพยาบาลเอกชน (ระบุชื่อ)	93	23.4	0	0.0	0	0.0
โรงพยาบาลจุฬารัตน์	65	16.4	0	0.0	0	0.0
โรงพยาบาลวิภาวดี	28	7.1	0	0.0	0	0.0
[4] ซื้อยารักษาตนเอง	0	0.0	0	0.0	1	50.0
[5] คลินิก	6	1.5	0	0.0	1	50.0
[6] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
ส่วนที่ 3 ข้อมูลด้านการสาธารณสุขและสภาพแวดล้อมปัจจุบัน						
3.1 แหล่งน้ำใช้						
[1] น้ำฝน	0	0.0	0	0.0	0	0.0
[2] น้ำประปา	396	99.7	3	100.0	2	100.0
[3] น้ำบาดาล	0	0.0	0	0.0	0	0.0
[4] น้ำจากลำคลอง/แม่น้ำ (ไม่ระบุ)	0	0.0	0	0.0	0	0.0
[5] น้ำกรอง	1	0.3	0	0.0	0	0.0
[6] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0



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สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
3.2 แหล่งน้ำดื่ม						
[1] น้ำฝน	0	0.0	0	0.0	0	0.0
[2] น้ำประปา	0	0.0	0	0.0	0	0.0
[3] น้ำบาดาล	0	0.0	0	0.0	0	0.0
[4] น้ำบรรจุขวด/ถัง	397	100.0	3	100.0	2	100.0
[5] น้ำกรอง	0	0.0	0	0.0	0	0.0
[6] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
3.3 ในระยะเวลา 1 ปี ที่ผ่านมามีปัญหาเกี่ยวกับระบบสาธารณูปโภคดังนี้หรือไม่						
1. น้ำใช้						
[1] ไม่มี	396	99.7	3	100.0	2	100.0
[2] มี ระบุ	1	0.3	0	0.0	0	0.0
[1] น้ำไหลอ่อน ช้าและไม่ไหล	1	0.3	0	0.0	0	0.0
[2] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[3] โรงงานอุตสาหกรรมโรงไฟฟ้า แก๊ส แบริ่งมัน	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
2. น้ำดื่ม						
[1] ไม่มี	397	100.0	3	100.0	2	100.0
[2] มี ระบุ	0	0.0	0	0.0	0	0.0
[1] การจราจร	0	0.0	0	0.0	0	0.0
[2] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[3] โรงงานอุตสาหกรรมโรงไฟฟ้า แก๊ส แบริ่งมัน	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
3. ไฟฟ้า						
[1] ไม่มี	397	100.0	3	100.0	2	100.0
[2] มี ระบุ	0	0.0	0	0.0	0	0.0
[1] ไฟฟ้าดับบ่อย	0	0.0	0	0.0	0	0.0
[2] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[3] โรงงานอุตสาหกรรมโรงไฟฟ้า แก๊ส แบริ่งมัน	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0



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สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
4. โทรศัพท์						
(1) ไม่มี	397	100.0	3	100.0	2	100.0
(2) มีระบุ	0	0.0	0	0.0	0	0.0
(1) สัญญาณขาดหาย	0	0.0	0	0.0	0	0.0
(2) การก่อสร้าง	0	0.0	0	0.0	0	0.0
(3) โรงงานอุตสาหกรรมโรงไฟฟ้า แก๊ส แ่งมัน	0	0.0	0	0.0	0	0.0
(4) ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
(5) อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
5. ถนน						
(1) ไม่มี	397	100.0	3	100.0	2	100.0
(2) มีระบุ	0	0.0	0	0.0	0	0.0
(1) ถนนชำรุด	0	0.0	0	0.0	0	0.0
(2) การก่อสร้าง	0	0.0	0	0.0	0	0.0
(3) รถก่อสร้างโครงการขทางทางเข้าออก	0	0.0	0	0.0	0	0.0
(4) ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
(5) อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
6. การจัดการขยะมูลฝอย						
(1) ไม่มี	397	100.0	3	100.0	2	100.0
(2) มีระบุ	0	0.0	0	0.0	0	0.0
(1) การจัดการไม่ดี ขยะก้นถัง	0	0.0	0	0.0	0	0.0
(2) การก่อสร้าง	0	0.0	0	0.0	0	0.0
(3) โครงการนำขยะมทิ้งหน้าอาคาร	0	0.0	0	0.0	0	0.0
(4) ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
(5) อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
7. รถบริการสาธารณะ เช่น รถสองแถว						
(1) ไม่มี	397	100.0	3	100.0	2	100.0
(2) มีระบุ	0	0.0	0	0.0	0	0.0
(1) การจราจร	0	0.0	0	0.0	0	0.0
(2) การก่อสร้าง	0	0.0	0	0.0	0	0.0
(3) โรงงานอุตสาหกรรมโรงไฟฟ้า แก๊ส แ่งมัน	0	0.0	0	0.0	0	0.0
(4) ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
(5) อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
3.4 ในปัจจุบันท่านเคยได้รับผลกระทบด้านสิ่งแวดล้อมดังต่อไปนี้หรือไม่ ผลกระทบจากปัญหา เมลพิษที่ชุมชนของท่านได้รับในปัจจุบัน						
1. ผู้ละออง						
[1] ไม่มีปัญหา	156	39.3	1	33.3	2	100.0
[2] มีปัญหา สาเหตุจาก (ระบุ)	241	60.7	2	66.7	0	0.0
[1] การจราจร	233	58.7	2	66.7	0	0.0
[2] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[3] ชุมชน	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] เครื่องบิน	8	2.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
ช่วงเวลาที่ได้รับผลกระทบ						
[1] ตลอดทั้งปี	241	60.7	2	66.7	0	0.0
[2] เฉพาะเดือน (ระบุ)	0	0.0	0	0.0	0	0.0
[3] บางวัน	0	0.0	0	0.0	0	0.0
รวม	241	60.7			0	0.0
ระยะเวลาที่ได้รับผลกระทบ						
[1] กลางวัน	73	18.4	0	0.0	0	0.0
[2] กลางคืน	0	0.0	0	0.0	0	0.0
[3] ตลอดวัน	160	40.3	2	66.7	0	0.0
[4] ไม่แน่นอน	8	2.0	0	0.0	0	0.0
รวม	241	60.7			0	0.0
ระดับของผลกระทบ						
[1] มาก	88	22.2	2	66.7	0	0.0
[2] ปานกลาง	153	38.5	0	0.0	0	0.0
[3] น้อย	0	0.0	0	0.0	0	0.0
รวม	241	60.7	2	66.7	0	0.0
2. เสียง						
[1] ไม่มีปัญหา	71	17.9	0	0.0	2	100.0
[2] มีปัญหา สาเหตุจาก (ระบุ)	326	82.1	3	100.0	0	0.0
[1] การจราจร	0	0.0	0	0.0	0	0.0
[2] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[3] ชุมชน	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] เครื่องบิน	326	82.1	3	100.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
ช่วงเวลาที่ได้รับผลกระทบ						
[1] ตลอดทั้งปี	326	82.1	3	100.0	0	0.0
[2] เฉพาะเดือน (ระบุ)	0	0.0	0	0.0	0	0.0
[3] บางวัน	0	0.0	0	0.0	0	0.0
รวม	326	82.1	3	100.0	0	0.0



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อ่อนไหว	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
<b>ระยะเวลาที่ได้รับผลกระทบ</b>						
(1) กลางวัน	0	0.0	0	0.0	0	0.0
(2) กลางคืน	0	0.0	0	0.0	0	0.0
(3) ตลอดวัน	318	80.1	3	100.0	0	0.0
(4) ไม่แน่นอน	8	2.0	0	0.0	0	0.0
<b>รวม</b>	<b>326</b>	<b>82.1</b>	<b>3</b>	<b>100.0</b>	<b>0</b>	<b>0.0</b>
<b>ระดับของผลกระทบ</b>						
(1) มาก	259	65.2	2	66.7	0	0.0
(2) ปานกลาง	67	16.9	1	33.3	0	0.0
(3) น้อย	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>326</b>	<b>82.1</b>	<b>3</b>	<b>100.0</b>	<b>0</b>	<b>0.0</b>
<b>3. กลุ่มแม่บ้าน</b>						
(1) ไม่มีปัญหา	397	100.0	3	100.0	2	100.0
(2) มีปัญหา สาเหตุจาก (ระบุ)	0	0.0	0	0.0	0	0.0
(1) การก่อสร้าง	0	0.0	0	0.0	0	0.0
(2) น้ำเน่าเสียจากท่อระบายน้ำ	0	0.0	0	0.0	0	0.0
(3) ชุมชนทิ้งขยะ	0	0.0	0	0.0	0	0.0
(4) ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
(5) อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>397</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>
<b>ช่วงเวลาที่ได้รับผลกระทบ</b>						
(1) ตลอดทั้งปี	0	0.0	0	0.0	0	0.0
(2) เฉพาะเดือน (ระบุ)	0	0.0	0	0.0	0	0.0
(3) บางวัน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระยะเวลาที่ได้รับผลกระทบ</b>						
(1) กลางวัน	0	0.0	0	0.0	0	0.0
(2) กลางคืน	0	0.0	0	0.0	0	0.0
(3) ตลอดวัน	0	0.0	0	0.0	0	0.0
(4) ไม่แน่นอน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระดับของผลกระทบ</b>						
(1) มาก	0	0.0	0	0.0	0	0.0
(2) ปานกลาง	0	0.0	0	0.0	0	0.0
(3) น้อย	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าผิวน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อ่อนไหว	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
4. น้ำเสีย						
[1] ไม่มีปัญหา	397	100.0	3	100.0	2	100.0
[2] มีปัญหา สาเหตุจาก (ระบุ)	0	0.0	0	0.0	0	0.0
[1] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[2] น้ำเน่าเสียจากท่อระบายน้ำ	0	0.0	0	0.0	0	0.0
[3] ชุมชนทิ้งขยะ	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
ช่วงเวลาที่ได้รับผลกระทบ						
[1] ตลอดทั้งปี	0	0.0	0	0.0	0	0.0
[2] เฉพาะเดือน (ระบุ)	0	0.0	0	0.0	0	0.0
[3] บางวัน	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0
ระยะเวลาที่ได้รับผลกระทบ						
[1] กลางวัน	0	0.0	0	0.0	0	0.0
[2] กลางคืน	0	0.0	0	0.0	0	0.0
[3] ตลอดวัน	0	0.0	0	0.0	0	0.0
[4] ไม่แน่นอน	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0
ระดับของผลกระทบ						
[1] มาก	0	0.0	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] น้อย	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0
5. น้ำท่วมขัง						
[1] ไม่มีปัญหา	397	100.0	3	100.0	2	100.0
[2] มีปัญหา สาเหตุจาก (ระบุ)	0	0.0	0	0.0	0	0.0
[1] ท่อระบายน้ำอุดตัน	0	0.0	0	0.0	0	0.0
[2] ชุมชนทิ้งขยะ	0	0.0	0	0.0	0	0.0
[3] โรงงานอุตสาหกรรม โรงไฟฟ้า แก๊ส แบริ่งมัน	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
<b>ช่วงเวลาที่ได้รับผลกระทบ</b>						
(1) ตลอดทั้งปี	0	0.0	0	0.0	0	0.0
(2) เฉพาะเดือน ตุลาคม	0	0.0	0	0.0	0	0.0
(3) บางวัน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระยะเวลาที่ได้รับผลกระทบ</b>						
(1) กลางวัน	0	0.0	0	0.0	0	0.0
(2) กลางคืน	0	0.0	0	0.0	0	0.0
(3) ตลอดวัน	0	0.0	0	0.0	0	0.0
(4) ไม่นั่นนอน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระดับของผลกระทบ</b>						
(1) มาก	0	0.0	0	0.0	0	0.0
(2) ปานกลาง	0	0.0	0	0.0	0	0.0
(3) น้อย	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>6. ขยะมูลฝอย</b>						
(1) ไม่มีปัญหา	397	100.0	3	100.0	2	100.0
(2) มีปัญหา สาเหตุจาก (ระบุ)	0	0.0	0	0.0	0	0.0
(1) ขยะอื่นดัง	0	0.0	0	0.0	0	0.0
(2) การก่อสร้าง	0	0.0	0	0.0	0	0.0
(3) โรงงานอุตสาหกรรมโรงไฟฟ้า แก๊ส แข็งมัน	0	0.0	0	0.0	0	0.0
(4) ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
(5) อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>397</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>
<b>ช่วงเวลาที่ได้รับผลกระทบ</b>						
(1) ตลอดทั้งปี	0	0.0	0	0.0	0	0.0
(2) เฉพาะเดือน (ระบุ)	0	0.0	0	0.0	0	0.0
(3) บางวัน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระยะเวลาที่ได้รับผลกระทบ</b>						
(1) กลางวัน	0	0.0	0	0.0	0	0.0
(2) กลางคืน	0	0.0	0	0.0	0	0.0
(3) ตลอดวัน	0	0.0	0	0.0	0	0.0
(4) ไม่นั่นนอน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระดับของผลกระทบ</b>						
(1) มาก	0	0.0	0	0.0	0	0.0
(2) ปานกลาง	0	0.0	0	0.0	0	0.0
(3) น้อย	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
7. ความสิ้นสละเทือน						
[1] ไมม่มีปัญหา	241	60.7	2	66.7	2	100.0
[2] มีปัญหา สาเหตุจาก (ระบุ)	156	39.3	1	33.3	0	0.0
[1] การจราจร	0	0.0	0	0.0	0	0.0
[2] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[3] โรงงานอุตสาหกรรมโรงไฟฟ้า แก๊ส แป้งมัน	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] เครื่องบิน	156	39.3	1	33.3	0	0.0
รวม	397	100.0	3	100.0	2	100.0
ช่วงเวลาที่ได้รับผลกระทบ						
[1] ตลอดทั้งปี	156	39.3	1	33.3	0	0.0
[2] เฉพาะเดือน (ระบุ)	0	0.0	0	0.0	0	0.0
[3] บางวัน	0	0.0	0	0.0	0	0.0
รวม	156	39.3	1	33.3	0	0.0
ระยะเวลาที่ได้รับผลกระทบ						
[1] กลางวัน	0	0.0	0	0.0	0	0.0
[2] กลางคืน	0	0.0	0	0.0	0	0.0
[3] ตลอดวัน	148	37.3	1	33.3	0	0.0
[4] ไม่นั่นอน	8	2.0	0	0.0	0	0.0
รวม	156	39.3	1	33.3	0	0.0
ระดับของผลกระทบ						
[1] มาก	89	22.4	0	0.0	0	0.0
[2] ปานกลาง	58	14.6	1	33.3	0	0.0
[3] น้อย	9	2.3	0	0.0	0	0.0
รวม	156	39.3	1	33.3	0	0.0
8. การจราจรติดขัด						
[1] ไมม่มีปัญหา	397	100.0	3	100.0	2	100.0
[2] มีปัญหา สาเหตุจาก (ระบุ)	0	0.0	0	0.0	0	0.0
[1] รอมีจำนวนมาก	0	0.0	0	0.0	0	0.0
[2] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[3] ตลาดหน้ามัสยิดท่าเรือติด	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
<b>ช่วงเวลาที่ได้รับผลกระทบ</b>						
[1] ตลอดทั้งปี	0	0.0	0	0.0	0	0.0
[2] เฉพาะเดือน (ระบุ)	0	0.0	0	0.0	0	0.0
[3] บางวัน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระยะเวลาที่ได้รับผลกระทบ</b>						
[1] กลางวัน	0	0.0	0	0.0	0	0.0
[2] กลางคืน	0	0.0	0	0.0	0	0.0
[3] ตลอดวัน	0	0.0	0	0.0	0	0.0
[4] ไม่แน่นอน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระดับของผลกระทบ</b>						
[1] มาก	0	0.0	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] น้อย	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>9. ทัศนียภาพ</b>						
[1] ไม่มีปัญหา	397	100.0	3	100.0	2	100.0
[2] มีปัญหา สาเหตุจาก (ระบุ)	0	0.0	0	0.0	0	0.0
[1] ดึงสูงอยู่ใกล้	0	0.0	0	0.0	0	0.0
[2] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[3] โรงงานอุตสาหกรรมโรงไฟฟ้าแก๊สแข็งมัน	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>3</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>
<b>ช่วงเวลาที่ได้รับผลกระทบ</b>						
[1] ตลอดทั้งปี	0	0.0	0	0.0	0	0.0
[2] เฉพาะเดือน (ระบุ)	0	0.0	0	0.0	0	0.0
[3] บางวัน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระยะเวลาที่ได้รับผลกระทบ</b>						
[1] กลางวัน	0	0.0	0	0.0	0	0.0
[2] กลางคืน	0	0.0	0	0.0	0	0.0
[3] ตลอดวัน	0	0.0	0	0.0	0	0.0
[4] ไม่แน่นอน	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>ระดับของผลกระทบ</b>						
[1] มาก	0	0.0	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] น้อย	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
10. ปัญหาอาชญากรรม						
[1] ไม่มีปัญหา	397	100.0	3	100.0	2	100.0
[2] มีปัญหา สาเหตุจาก (ระบุ)	0	0.0	0	0.0	0	0.0
[1] ไร้ชุมชน	0	0.0	0	0.0	0	0.0
[2] การก่อสร้าง	0	0.0	0	0.0	0	0.0
[3] โรงงานอุตสาหกรรมโรงไฟฟ้า แก๊ส แข็งแรง	0	0.0	0	0.0	0	0.0
[4] ฟาร์มเลี้ยงสัตว์	0	0.0	0	0.0	0	0.0
[5] อื่นๆ (ระบุ) .....	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
ช่วงเวลาที่ได้รับผลกระทบ						
[1] ตลอดทั้งปี	0	0.0	0	0.0	0	0.0
[2] เฉพาะเดือน (ระบุ)	0	0.0	0	0.0	0	0.0
[3] บางวัน	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0
ระยะเวลาที่ได้รับผลกระทบ						
[1] กลางวัน	0	0.0	0	0.0	0	0.0
[2] กลางคืน	0	0.0	0	0.0	0	0.0
[3] ตลอดวัน	0	0.0	0	0.0	0	0.0
[4] ไม่แน่นอน	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0
ระดับของผลกระทบ						
[1] มาก	0	0.0	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] น้อย	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0
3.5 ในระยะเวลา 1 ปี ที่ผ่านมาท่านประสบปัญหา ด้านนี้หรือไม่						
[1] ไม่เคย	356	89.7	3	100.0	2	100.0
[2] เคย สาเหตุจาก (ระบุ)	41	10.3	0	0.0	0	0.0
[1] ท่อระบายน้ำอุดตัน	11	2.8	0	0.0	0	0.0
[2] พื้นที่อยู่อาศัยเป็นที่ลุ่ม	0	0.0	0	0.0	0	0.0
[3] สัตว์ตกหนัก	30	7.6	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
ช่วงที่ได้รับผลกระทบ						
[1] ฤดูร้อน	0	0.0	0	0.0	0	0.0
[2] ฤดูฝน	41	10.3	0	0.0	0	0.0
[3] ฤดูหนาว	0	0.0	0	0.0	0	0.0
[4] ไม่แน่นอน	0	0.0	0	0.0	0	0.0
รวม	41	10.3	0	0.0	0	0.0
ระดับผลกระทบ						
[1] มาก	11	2.8	0	0.0	0	0.0
[2] ปานกลาง	10	2.5	0	0.0	0	0.0
[3] น้อย	20	5.0	0	0.0	0	0.0
รวม	41	10.3	0	0.0	0	0.0



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
ส่วนที่ 4 การรับรู้ข่าวสารและความคิดเห็นที่มีต่อโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะ 4.1 ท่านทราบหรือไม่ว่ามีโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ)						
4.1 ท่านทราบหรือไม่ว่ามีโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด (ระยะดำเนินการ)						
[1] ไม่ทราบ	300	75.6	3	100.0	2	100.0
[2] ทราบ (ตอบได้มากกว่า 1 คำตอบ)	97	24.4	0	0.0	0	0.0
[1] ทราบด้วยตนเองจากป้ายหน้าโครงการ/พื้นที่ก่อสร้างโครงการ	27	6.8	0	0.0	0	0.0
[2] เพื่อนบ้าน	49	12.3	0	0.0	0	0.0
[3] เจ้าหน้าที่ชุมชน	0	0.0	0	0.0	0	0.0
[4] เจ้าหน้าที่จากโครงการ	14	3.5	0	0.0	0	0.0
[5] เอกสารประชาสัมพันธ์	13	3.3	0	0.0	0	0.0
[6] โครงการส่งหนังสือเชิญให้เข้าร่วมประชุม	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
4.2 ท่านคิดว่าการดำเนินโครงการ มีผลดีต่อชุมชนท่านหรือไม่						
[1] ไม่มี	250	63.0	2	66.7	0	0.0
[2] ไม่แสดงความคิดเห็น/ไม่แน่ใจ	120	30.2	1	33.3	2	100.0
[3] มี ได้แก่ (ตอบได้มากกว่า 1 ข้อ)	27	6.8	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
ผลดี						
[1] มีการจ้างงานมากขึ้น	27	6.8	0	0.0	0	0.0
ระดับผลดี						
[1] น้อย	7	1.8	0	0.0	0	0.0
[2] ปานกลาง	20	5.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
รวม	27	6.8	0	0.0	0	0.0
[2] การค้าขายดีขึ้น	27	6.8	0	0.0	0	0.0
ระดับผลดี						
[1] น้อย	27	6.8	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
รวม	27	6.8	0	0.0	0	0.0
[3] อื่นๆ (ระบุ) .....						
4.3 ท่านคิดว่าการดำเนินโครงการ มีความวิตกกังวลหรือไม่						
[1] ไม่มี	330	83.1	3	100.0	2	100.0
[2] ไม่แสดงความคิดเห็น/ไม่แน่ใจ	54	13.6	0	0.0	0	0.0
[3] มี ได้แก่ (ตอบได้มากกว่า 1 ข้อ)	13	3.3	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0
ความวิตก						
[1] ปัญหาฝุ่นละออง	13	3.3	0	0.0	0	0.0
ระดับความวิตกกังวล						
[1] น้อย	13	3.3	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
รวม	13	3.3	0	0.0	0	0.0



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อ่อนไหว	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
[2] เสียขวัญกังวล <u>ระดับความวิตกกังวล</u>	13	3.3	0	0.0	0	0.0
[1] น้อย	6	1.5	0	0.0	0	0.0
[2] ปานกลาง	7	1.8	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>13</b>	<b>3.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
[3] ความสิ้นสละเทือน <u>ระดับความวิตกกังวล</u>	13	3.3	0	0.0	0	0.0
[1] น้อย	6	1.5	0	0.0	0	0.0
[2] ปานกลาง	7	1.8	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>13</b>	<b>3.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
[4] ความปลอดภัยในชีวิตและทรัพย์สิน <u>ระดับความวิตกกังวล</u>	13	3.3	0	0.0	0	0.0
[1] น้อย	13	3.3	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>13</b>	<b>3.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
[5] ปัญหาจากจราจร <u>ระดับความวิตกกังวล</u>	13	3.3	0	0.0	0	0.0
[1] น้อย	13	3.3	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>13</b>	<b>3.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
[6] ปัญหาด้านทัศนียภาพ <u>ระดับความวิตกกังวล</u>	13	3.3	0	0.0	0	0.0
[1] น้อย	13	3.3	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>13</b>	<b>3.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
[7] ปัญหาน้ำเสียและการระบายน้ำ <u>ระดับความวิตกกังวล</u>	13	3.3	0	0.0	0	0.0
[1] น้อย	13	3.3	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>13</b>	<b>3.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
[8] ขยะมูลฝอยและสิ่งปฏิกูล <u>ระดับความวิตกกังวล</u>	13	3.3	0	0.0	0	0.0
[1] น้อย	13	3.3	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
<b>รวม</b>	<b>13</b>	<b>3.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>



ผลการสำรวจสภาพเศรษฐกิจ-สังคมและความคิดเห็นของประชาชน ประจำปี 2567

สำรวจระหว่างวันที่ 14-16 ตุลาคม 2567

โครงการผลิตและจำหน่ายไฟฟ้าและนำเส้นสำหรับท่าอากาศยานสุวรรณภูมิ (ครั้งที่ 2)

รายละเอียด	ครัวเรือน		ผู้นำชุมชน		พื้นที่อื่นใด	
	จำนวน	ร้อยละ	จำนวน	ร้อยละ	จำนวน	ร้อยละ
[9] กลับเหมือน ระดับความวิตกกังวล	6	1.5	0	0.0	0	0.0
[1] น้อย	6	1.5	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
รวม	6	1.5	0	0.0	0	0.0
[10] อื่นๆ ระบุ ระดับความวิตกกังวล	0	0.0	0	0.0	0	0.0
[1] น้อย	0	0.0	0	0.0	0	0.0
[2] ปานกลาง	0	0.0	0	0.0	0	0.0
[3] มาก	0	0.0	0	0.0	0	0.0
รวม	0	0.0	0	0.0	0	0.0
4.4 ข้อเสนอแนะ						
[1] ไม่มี	397	100.0	3	100.0	2	100.0
[2] มี ระบุ	0	0.0	0	0.0	0	0.0
รวม	397	100.0	3	100.0	2	100.0





**ENVILAB CO.,LTD**

*540, 540/1 Soi Bangkhae 7, Bangkhae, Bangkok 10160, Thailand. Tel. 02-802-3577 Fax. 02-802-3773*

*E-mail : [info@evltesting.com](mailto:info@evltesting.com) Http ://[www.evltesting.com](http://www.evltesting.com)*







## ภาคผนวกที่ 37

รายงานผลการฝึกซ้อมแผนฉุกเฉิน กรณีสารเคมีหกรั่วไหล



## การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

### บันทึก

จาก มตค4-บผ.

เรื่อง รายงานการซ่อมแผนฉุกเฉินระดับ ED1 กรณี เกิด  
สารเคมีโซเดียม ไฮโปคลอไรท์ (NaOCl) รั่วไหล  
ที่ TG Chiller Plant

วันที่ 30 สิงหาคม 2567

เรียน

คกบผ. ผ่าน รก.ช.คกบผ.

นายฐานวัฒน์

03 SEP 2024

ขอส่งรายงานการซ่อมแผนฉุกเฉินระดับ ED1 กรณีเกิดเหตุสารเคมีโซเดียม ไฮโปคลอไรท์ (NaOCl) รั่วไหล ซึ่ง  
เป็นการฝึกซ้อมตามแผนระดับเหตุการณ์ฉุกเฉินระดับ ED1 สรุปดังนี้

1. วันที่ฝึกซ้อม 28 สิงหาคม 2567 เวลา 16:00-18:00 น.
2. สถานที่ TG Chiller Plant
3. วัตถุประสงค์  
3.1 เพื่อทบทวนขั้นตอนปฏิบัติการเมื่อเกิดเหตุการณ์ฉุกเฉินระดับ ED1  
3.2 เพื่อให้การระงับเหตุฉุกเฉินกลับเข้าสู่สภาวะปกติ เป็นไปอย่างถูกต้อง รวดเร็ว ตามขั้นตอน
4. ทีมงานที่ร่วมฝึกซ้อม

ชื่อ-นามสกุล	ตำแหน่ง/สังกัด	ทำหน้าที่
1. นายศราวุธ ศรีจักรโคตร	มตค4-บผ.	หัวหน้ากะ
2. นายเกรียงไกร คงธนัญญา	ช.7 / มตค4-บผ.	HRSG & STG Board
3. ส.อ.วีระศักดิ์ รันนัน	ช.5 / มตค4-บผ.	Local Power Plant
4. ส.อ.ธิตวิวัฒน์ จันทร์ศรี	ช.6 / มตค4-บผ.	GT Board & TG Chiller Plant
5. นายเพชรรัตน์ ทารอด	ช.5 / มตค4-บผ.	PTC Board
6. นายจุฬา เล็กชะอุ่ม	พนักงานจ้าง / มตค4-บผ.	Local PTC Plant

5. ลำดับเหตุการณ์ขณะฝึกซ้อมแผนดำเนินการฝึกซ้อมตามแผนโดยใช้เวลา 25 นาที

- รายละเอียดตามเอกสารแนบ

6. ปัญหาและอุปสรรคจากการฝึกซ้อม

เรียน จบ.

ผู้บัญชาการ แจ้ง DCA 7 กทม.

จึงเรียนมาเพื่อโปรดพิจารณา

(นายศราวุธ

มตค4-บผ.





คกบผ.

03 ก.ย. 2567






โครงการอนุรักษ์สิ่งแวดล้อมและบำรุงรักษา โรงไฟฟ้าและหน่วยผลิตน้ำเย็น บริษัทผลิตไฟฟ้าและน้ำเย็น จำกัด การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย		แผนซ่อมรับเหตุฉุกเฉินระดับที่ 1				อนุมัติโดย	
กรณีเกิดสารเคมีใช้เติม ไฮโปคลอไรท์ (NaOCI) รั่วไหล ที่ TG Chiller Plant		จัดเตรียมโดย		ตรวจสอบโดย		อนุมัติโดย	
		(นายเศรษฐี ..... ตำแหน่ง ผู้จัดการฝ่ายผลิต)		(นายสมชาย ..... ตำแหน่ง วิศวกรเครื่องกล)		(นายสมชาย ..... ตำแหน่ง วิศวกรเครื่องกล)	
รายการเหตุการณ์		รายละเอียดเพิ่มเติม		ผู้รับผิดชอบ		การติดต่อสื่อสาร	
เวลา		รายการเหตุการณ์		Board ST Operator		Intercom	
1	17.00	- ประกาศทาง Intercom ซ้อมแผนฉุกเฉิน ระดับที่ 1		- เกิดสารเคมีใช้เติม ไฮโปคลอไรท์รั่วไหล บริเวณถังใช้เติม ไฮโปคลอไรท์		- Intercom	
2	17.02	- พบสารเคมีรั่วไหล ที่บริเวณ Chemical Feed Pump : TG Chiller Plant		- Operator เดินตรวจสอบอุปกรณ์ ที่ TG Chiller Plant พบของเหลวที่พื้นปริมาณมาก บริเวณถังสารเคมีใช้เติม ไฮโปคลอไรท์ แจ้ง หัวหน้ากะ		- วิทยุสื่อสาร (CH-2)	
				- ประกาศภาวะฉุกเฉินระดับ 1		- Intercom	
3	17.04	- หัวหน้ากะ สั่งการ GT/ TG Operator		- ตรวจสอบเบื้องต้น พบว่า pump ทำงานจึงทำ การ Stop pump		- วิทยุสื่อสาร (CH-2)	
				- พบสารเคมีใช้เติม ไฮโปคลอไรท์รั่วไหลจาก ด้าน discharge pump เนื่องจากท่อชำรุด		- GT/ TG Operator	



4	17.09	<p>- หัวหน้ากะ สั่งการ ทีมฉุกเฉินประจำกะ เข้า ระงับเหตุ</p> <p>- แจ้ง รปภ. และขอ รปภ.1 นาย</p>	<p>- ทีมฉุกเฉินประจำกะ สวมชุดป้องกันสารเคมี PPE ก่อนเข้าระงับเหตุ</p> <p>- ปิดกั้นและควบคุมพื้นที่บริเวณใกล้ที่เกิดเหตุ</p>	<p>- Shift Charge</p> <p>- ทีมฉุกเฉินประจำกะ</p> <p>- รปภ.</p>	<p>- วิทยุสื่อสาร (CH-2)</p> <p>โทร. 1601</p>	
5	17.10	<p>- ทีมฉุกเฉินประจำกะ เข้าระงับเหตุหยุดการ รั่วไหลของ สารเคมีโซเดียม ไฮโปคลอไรต์ได้</p>	<p>- ปิด Valve ของถัง โซเดียม ไฮโปคลอไรต์</p>	<p>- ทีมฉุกเฉินประจำกะ</p>		
6	17.12	<p>- ทีมฉุกเฉินประจำกะ ทำการจำกัดพื้นที่ของ สารเคมีโซเดียม ไฮโปคลอไรต์</p>	<p>- นำทรายโรยเพื่อดูดซับสารเคมี และทำแนวกัน เพื่อป้องกันการแพร่กระจายในวงกว้างมากขึ้น</p>	<p>- ทีมฉุกเฉินประจำกะ</p>		
7	17.15	<p>- ทีมฉุกเฉินประจำกะ แจ้ง หัวหน้ากะ ว่า สามารถควบคุมเหตุสารเคมีรั่วไหลได้</p>	<p>- แจ้งสามารถควบคุมเหตุสารเคมี โซเดียม ไฮโปคลอไรต์รั่วไหลได้แล้ว</p> <p>- รปภ. ใช้เทป ขาวแดง กับเขตห้ามเข้า</p>	<p>- ทีมฉุกเฉินประจำกะ</p>	<p>- วิทยุสื่อสาร (CH-2)</p>	



8	17.17	- หัวหน้ากะ และ ทีมฉุกเฉินประจำกะ สำรวจความเสียหาย	- สาธารณภัยความเสียหายเบื้องต้นที่เกิดขึ้น	- Shift Charge - ทีมฉุกเฉินประจำกะ	
9	17.20	- หัวหน้ากะ รายงานเหตุการณ์ ต่อ คกก.ผ.  - ประกาศทาง Intercom ยกเลิกการซ้อม	- รายงานเหตุการณ์ที่เกิดขึ้น ผลการระงับเหตุและความเสียหายเบื้องต้น - ทำความสะอาด โดยก่อนทำความสะอาดจะต้องคัดแยกของเสียต่าง ๆ และกำจัดตามระเบียบปฏิบัติงานการจัดการของเสีย	- Shift Charge - Board ST Operator - โทรศัพท์ 2103 - Intercom	
10	17.25	- ประชุมสรุปการซ้อมแผนและปัญหาของการซ้อมแผน	- สาเหตุที่ทำให้เกิดการรั่วไหลของสารเคมีเกิดจาก ท่อ discharge ของ pump ขาดรูรั่ว เสื่อมสภาพและแตก	- Shift Charge - ทีมฉุกเฉินประจำกะ - วาจา	





### ภาคผนวกที่ 38

สำเนาหนังสือแจ้งผลการพิจารณารายงานประเมิน  
ผลกระทบสิ่งแวดล้อม โครงการผลิตและจำหน่ายไฟฟ้า  
และน้ำเย็น สำหรับท่าอากาศยานสุวรรณภูมิ (ส่วนขยายครั้งที่ 3)  
ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด





ที่ ทส ๑๐๐๙.๗/ ๒๒ ๑๘๓

สำนักงานนโยบายและแผน  
ทรัพยากรธรรมชาติและสิ่งแวดล้อม  
๑๑๘/๑ อาคารทิปโก้ ๒ ถนนพระรามที่ ๖  
แขวงพญาไท เขตพญาไท กรุงเทพฯ ๑๐๔๐๐

๖๒ พฤศจิกายน ๒๕๖๗

เรื่อง แจ้งผลการพิจารณารายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็น  
สำหรับท่าอากาศยานสุวรรณภูมิ (ส่วนขยายครั้งที่ ๓) ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

เรียน กรรมการผู้จัดการบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด

อ้างถึง ๑. หนังสือสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ที่ ทส ๑๐๐๙.๗/๑๓๖๔๙  
ลงวันที่ ๑ สิงหาคม ๒๕๖๗

๒. หนังสือบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด ที่ DCAP 671011/01 ลงวันที่ ๑๑ ตุลาคม ๒๕๖๗

สิ่งที่ส่งมาด้วย มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบ  
สิ่งแวดล้อมที่โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็น สำหรับท่าอากาศยานสุวรรณภูมิ  
(ส่วนขยายครั้งที่ ๓) ตั้งอยู่ที่ ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ ของบริษัท  
ผลิตไฟฟ้าและน้ำเย็น จำกัด ต้องยึดถือปฏิบัติอย่างเคร่งครัด

ตามหนังสือที่อ้างถึง ๑ สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ได้แจ้ง  
ผลการพิจารณาของคณะกรรมการผู้ชำนาญการพิจารณารายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการ  
พลังงาน ในการประชุมครั้งที่ ๒๔/๒๕๖๗ เมื่อวันที่ ๑๘ กรกฎาคม ๒๕๖๗ ซึ่งมีมติไม่เห็นชอบรายงาน  
การประเมินผลกระทบสิ่งแวดล้อมโครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็น สำหรับท่าอากาศยานสุวรรณภูมิ  
(ส่วนขยายครั้งที่ ๓) ตั้งอยู่ที่ ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ ของบริษัท ผลิตไฟฟ้าและ  
น้ำเย็น จำกัด จัดทำรายงานฯ โดยบริษัท เอ็นทิก จำกัด โดยให้แก้ไขเพิ่มเติมตามแนวทางรายละเอียด ประเด็น  
หรือหัวข้อที่คณะกรรมการผู้ชำนาญการฯ กำหนด และตามหนังสือที่อ้างถึง ๒ บริษัท ผลิตไฟฟ้าและน้ำเย็น  
จำกัด ได้เสนอรายงานชี้แจงเพิ่มเติม ครั้งที่ ๑ ให้สำนักงานนโยบายฯ ดำเนินการตามขั้นตอนการพิจารณารายงาน  
ความละเอียดแจ้งแล้ว นั้น

สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ได้เสนอรายงานการประเมิน  
ผลกระทบสิ่งแวดล้อมฉบับชี้แจงเพิ่มเติมดังกล่าว ให้คณะกรรมการผู้ชำนาญการพิจารณารายงานการประเมิน  
ผลกระทบสิ่งแวดล้อม โครงการพลังงาน พิจารณาในการประชุมครั้งที่ ๓๖/๒๕๖๗ เมื่อวันที่ ๗ พฤศจิกายน  
๒๕๖๗ ซึ่งคณะกรรมการผู้ชำนาญการฯ มีมติเห็นชอบรายงานการประเมินผลกระทบสิ่งแวดล้อม

โครงการ...



โครงการผลิตและจำหน่ายไฟฟ้าและน้ำเย็น สำหรับท่าอากาศยานสุวรรณภูมิ (ส่วนขยายครั้งที่ ๓) ตั้งอยู่ที่ ตำบลหนองปรือ อำเภอบางพลี จังหวัดสมุทรปราการ ของบริษัท ผลิตไฟฟ้าและน้ำเย็น จำกัด โดยให้ปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมอย่างเคร่งครัด รายละเอียดตามสิ่งที่ส่งมาด้วย พร้อมทั้งประสานผู้ได้รับใบอนุญาตเป็นผู้จัดทำรายงานฯ เพื่อจัดทำรายงานฉบับสมบูรณ์ ให้เป็นไปตามประกาศสำนักงานนโยบายฯ เรื่อง แนวทางการจัดส่งรายงานการประเมินผลกระทบสิ่งแวดล้อม ลงวันที่ ๕ เมษายน ๒๕๖๕ ต่อไป และหากได้รับอนุญาตจากหน่วยงานอนุญาตแล้ว ขอความร่วมมือส่งสำเนาใบอนุญาตพร้อมเงื่อนไขให้สำนักงานนโยบายฯ ทราบด้วย ทั้งนี้ ได้มีหนังสือแจ้งบริษัท เอ็นทิก จำกัด เพื่อดำเนินการในส่วนที่เกี่ยวข้องต่อไปด้วยแล้ว

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ



(นายจิรวัดน์ ระดีสุนทร)

รองเลขาธิการฯ รักษาการแทน

เลขาธิการสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม

กองประเมินผลกระทบสิ่งแวดล้อม

โทรศัพท์ ๐ ๒๒๖๕ ๖๖๒๘

ไปรษณีย์อิเล็กทรอนิกส์ saraban@onep.go.th





## ภาคผนวกที่ 39

รายงานผลการตรวจวัดสิ่งแวดล้อม





## ภาคผนวกที่ 42

เอกสารอ้างอิงกฎหมายที่เกี่ยวข้อง



ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อมเรื่อง กำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงงานอุตสาหกรรม

เพื่อกำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงงานอุตสาหกรรม อาทิอำนาจตามความในมาตรา ๕๕ แห่งพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ แก้ไขโดยมาตรา ๑๑๔ แห่งพระราชกฤษฎีกาแก้ไขบทบัญญัติให้สอดคล้องกับการโอนอำนาจหน้าที่ของส่วนราชการ ให้เป็นไปตามพระราชบัญญัติปรับปรุงกระทรวง ทบวง กรม พ.ศ. ๒๕๔๕ พ.ศ. ๒๕๕๕ อันเป็นพระราชบัญญัติที่มีบทบัญญัติบางประการเกี่ยวกับการจัดตั้งอธิบดีและเสีรภาพของบุคคล ซึ่งมาตรา ๒๕ ประกอบกับมาตรา ๓๕ มาตรา ๔๕ มาตรา ๕๐ และมาตรา ๕๑ ของรัฐธรรมนูญแห่งราชอาณาจักรไทยบัญญัติให้กระทำให้ โดยอาศัยอำนาจตามบทบัญญัติแห่งกฎหมาย รัฐมนตรีว่าการกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม โดยคำแนะนำของคณะกรรมการควบคุมมลพิษ และโดยความเห็นชอบของคณะกรรมการสิ่งแวดล้อมแห่งชาติจึงออกประกาศไว้ ดังต่อไปนี้

- ข้อ ๑ ในประกาศนี้
- “โรงงานอุตสาหกรรม” หมายความว่า โรงงานจำพวกที่ ๒ และโรงงานจำพวกที่ ๓ ตามกฎหมายว่าด้วยโรงงาน
- “การประกอบกิจการโรงงาน” หมายความว่า การทำ สลิต ประกอบ บรรจุ ซ่อม ซ่อมบำรุง ทดสอบ ปรับปรุง แปรสภาพ ถ้ำเลียง เก็บรักษา หรือทำลายสิ่งใด ๆ ตามลักษณะกิจการของโรงงาน แต่ไม่รวมถึง การทดลองเดินเครื่องจักร
- “การตรวจการผลิต” หมายความว่า การประกอบกิจการโรงงานอย่างใดอย่างหนึ่งซึ่งมีการปล่อยทิ้งอากาศเสียออกสู่บรรยากาศ
- “กระบวนการผลิตที่มีการเผาไหม้เชื้อเพลิง” หมายความว่า การประกอบกิจการโรงงานในขั้นตอนใดขั้นตอนหนึ่งที่มีกระบวนการเผาไหม้เชื้อเพลิง หรือการสันดาป และมีการปล่อยทิ้งอากาศเสียออกสู่บรรยากาศ
- “เชื้อเพลิงชีวมวล” หมายความว่า เชื้อเพลิงที่ได้มาจากอินทรีย์สารหรือสิ่งมีชีวิต รวมทั้งผลผลิตจากการเกษตร การปศุสัตว์ และการทำป่าไม้ เช่น ไม้พื้น เศษไม้ แกลบ ฟาง ชานอ้อย ค้นย่อย ใบอ้อย ใบปล้น กะลาปล้น ทะลาปล้น กะลามะพร้าว ใบะพร้าว เศษพืช มูลสัตว์ กากชีวะภาพ กากตะกอน หรือของเสียจากโรงงานแปรรูปผลิตภัณฑ์ทางการเกษตร เป็นต้น

ข้อ ๒ อากาศเสียแต่ละชนิดที่ปล่อยทิ้งจากโรงงานอุตสาหกรรมต้องมีค่าไม่เกินกว่ามาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงงานอุตสาหกรรมที่กำหนดไว้ ดังต่อไปนี้

ชนิดของอากาศเสีย	แหล่งที่มาของอากาศเสีย	ค่าปริมาณของอากาศเสียที่ปล่อยทิ้งจาก		
		กระบวนการผลิตที่ไม่มี การเผาไหม้เชื้อเพลิง	กระบวนการผลิตที่มี การเผาไหม้เชื้อเพลิง	
๑. ฟุนะของ (Total Suspended Particulate) (มีผลวัดโดยอนุภาคไม่ตร)	๑.๑ หม้อไอน้ำ หรือแหล่งกำเนิด ความร้อนที่ใช้เชื้อเพลิง ดังนี้ (๑) น้ำมันเตา (๒) ถ่านหิน (๓) ชีวมวล (๔) เชื้อเพลิงอื่นๆ	-	ไม่เกิน ๒๔๐ ไม่เกิน ๓๒๐ ไม่เกิน ๓๒๐ ไม่เกิน ๓๒๐ ไม่เกิน ๒๔๐	
	๑.๒ การถลุง หรือหล่ออม รีดทิ้ง และ/หรือผลิต อะลูมิเนียม	ไม่เกิน ๓๐๐	ไม่เกิน ๒๔๐	
	๑.๓ กระบวนการผลิต	ไม่เกิน ๔๐๐	ไม่เกิน ๓๒๐	
๒. ก๊าซซัลเฟอร์ไดออกไซด์ (Sulfur dioxide) (ส่วนในล้านส่วน)	๒.๑ หม้อไอน้ำ หรือแหล่งกำเนิด ความร้อนที่ใช้เชื้อเพลิง ดังนี้ (๑) น้ำมันเตา (๒) ถ่านหิน (๓) ชีวมวล (๔) เชื้อเพลิงอื่นๆ	-	ไม่เกิน ๕๕๐ ไม่เกิน ๑๐๐ ไม่เกิน ๖๐ ไม่เกิน ๖๐	
	๒.๒ กระบวนการผลิต	ไม่เกิน ๕๐๐	-	
๓. ก๊าซออกไซด์ของไนโตรเจนซึ่ง คำนวณในรูปของก๊าซไนโตรเจน ไดออกไซด์ (Oxides of nitrogen as Nitrogen dioxide) (ส่วนในล้านส่วน)	หม้อไอน้ำ หรือแหล่งกำเนิดความร้อน ที่ใช้เชื้อเพลิง ดังนี้ (๑) น้ำมันเตา (๒) ถ่านหิน (๓) ชีวมวล (๔) เชื้อเพลิงอื่นๆ	-	ไม่เกิน ๒๐๐ ไม่เกิน ๕๐๐ ไม่เกิน ๒๐๐ ไม่เกิน ๒๐๐	
	๒.๒ กระบวนการผลิต	ไม่เกิน ๒๐๐	-	
๔. ก๊าซคาร์บอนมอนอกไซด์ (Carbon monoxide) (ส่วนในล้านส่วน)	กระบวนการผลิต	ไม่เกิน ๘๗๐	ไม่เกิน ๖๕๐	



ชนิดของอากาศเสีย	แหล่งที่มาของอากาศเสีย	ค่าปริมาณของอากาศเสียที่ปล่อยออกจาก กระบวนการผลิตที่ไม่มี การเผาไหม้หรือหลัง การเผาไหม้เชื้อเพลิง	ค่าปริมาณของอากาศเสียที่ปล่อยออกจาก กระบวนการผลิตที่มี การเผาไหม้เชื้อเพลิง
๕. ก๊าซไฮโดรเจนซัลไฟด์ (Hydrogen sulfide) (ส่วนในล้านส่วน)	กระบวนการผลิต	ไม่เกิน ๑๐๐	ไม่เกิน ๔๐
๖. ก๊าซไฮโดรเจนคลอไรด์ (Hydrogen Chloride) (มีฤทธิ์กัดกร่อนอย่างรุนแรง)	กระบวนการผลิต	ไม่เกิน ๒๐๐	ไม่เกิน ๑๖๐
๗. กรดกำมะถัน (Sulfuric acid) (ส่วนในล้านส่วน)	กระบวนการผลิต	ไม่เกิน ๒๕	-
๘. ไซลีน (Xylene) (ส่วนในล้านส่วน)	กระบวนการผลิต	ไม่เกิน ๒๐๐	-
๙. กรีนอล (Creol) (ส่วนในล้านส่วน)	กระบวนการผลิต	ไม่เกิน ๕	-
๑๐. ฟอสฟอรัส (Arsimony) (มีฤทธิ์กัดกร่อนอย่างรุนแรง)	กระบวนการผลิต	ไม่เกิน ๒๐	ไม่เกิน ๑๖
๑๑. สารหนู (Arsenic) (มีฤทธิ์กัดกร่อนอย่างรุนแรง)	กระบวนการผลิต	ไม่เกิน ๒๐	ไม่เกิน ๑๖
๑๒. ทองแดง (Copper) (มีฤทธิ์กัดกร่อนอย่างรุนแรง)	กระบวนการผลิต	ไม่เกิน ๓๐	ไม่เกิน ๒๔
๑๓. ตะกั่ว (Lead) (มีฤทธิ์กัดกร่อนอย่างรุนแรง)	กระบวนการผลิต	ไม่เกิน ๓๐	ไม่เกิน ๒๔
๑๔. ฟอสฟอรัส (Phosphorus) (มีฤทธิ์กัดกร่อนอย่างรุนแรง)	กระบวนการผลิต	ไม่เกิน ๓๐	ไม่เกิน ๒๔
๑๕. ปะปน (Mercury) (มีฤทธิ์กัดกร่อนอย่างรุนแรง)	กระบวนการผลิต	ไม่เกิน ๓	ไม่เกิน ๒.๔

ข้อ ๓ การรายงานผลการตรวจวัดอากาศเสีย ให้รายงานผล ดังต่อไปนี้

(๑) กระบวนการผลิตที่ไม่มีการเผาไหม้เชื้อเพลิง ให้คำนวณผลที่ความดัน ๑ บรรยากาศ หรือที่ ๗๖๐ มิลลิเมตรปรอท อุณหภูมิ ๒๕ องศาเซลเซียส ที่สภาวะแห้ง (Dry Basis) โดยมีปริมาณอากาศเสียที่ออกซิเจน (%O<sub>2</sub>) ณ สภาวะจริงในขณะตรวจวัด

(๒) กระบวนการผลิตที่มีการเผาไหม้เชื้อเพลิง ให้คำนวณผลที่ความดัน ๑ บรรยากาศ หรือที่ ๗๖๐ มิลลิเมตรปรอท อุณหภูมิ ๒๕ องศาเซลเซียส ที่สภาวะแห้ง (Dry Basis) โดยมีปริมาณอากาศเสียที่ออกซิเจน (%O<sub>2</sub>) ร้อยละ ๙

ข้อ ๔ การตรวจวัดอากาศเสียแต่ละชนิดตามข้อ ๒ ให้ใช้วิธี ดังต่อไปนี้

(๑) การตรวจวัดค่าปริมาณฝุ่นละออง ให้ใช้วิธี Determination of Particulate Matter Emissions from Stationary Sources ที่องค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๒) การตรวจวัดค่าก๊าซซัลเฟอร์ไดออกไซด์ ให้ใช้วิธี Determination of Sulfur Dioxide Emissions from Stationary Sources หรือวิธี Determination of Sulfuric Acid and Sulfur Dioxide Emissions from Stationary Sources ที่องค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกาที่กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ โดยประกาศในราชกิจจานุเบกษา

(๓) การตรวจวัดค่าก๊าซออกไซด์ของไนโตรเจน ให้ใช้วิธี Determination of Nitrogen Oxide Emissions from Stationary Sources ที่องค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกาที่กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ โดยประกาศในราชกิจจานุเบกษา

(๔) การตรวจวัดค่าก๊าซคาร์บอนมอนอกไซด์ ให้ใช้วิธี Determination of Carbon Monoxide Emissions from Stationary Sources ที่องค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกาที่กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ โดยประกาศในราชกิจจานุเบกษา

(๕) การตรวจวัดค่าก๊าซไฮโดรเจนซัลไฟด์ ให้ใช้วิธี Determination of Hydrogen Sulfide, Carbonyl Sulfide and Carbon Disulfide Emissions from Stationary Sources ที่องค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกาที่กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ โดยประกาศในราชกิจจานุเบกษา



(๖) การตรวจวัดค่าก๊าซไดโครเจนคลอไรด์ ให้ใช้วิธี Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources Non-Isokinetic หรือวิธี Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources Isokinetic ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๗) การตรวจวัดค่ากรดกำมะถัน ให้ใช้วิธี Determination of Sulfuric Acid and Sulfur Dioxide Emissions from Stationary Sources ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๘) การตรวจวัดค่าไนโตรเจน ให้ใช้วิธี Measurement of Gaseous Organic Compound Emissions by Gas Chromatography ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๙) การตรวจวัดค่าคาร์บอน ให้ใช้วิธี Measurement of Gaseous Organic Compound Emissions by Gas Chromatography ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๑๐) การตรวจวัดค่าฟลูออรีน ให้ใช้วิธี Determination of Metals Emissions from Stationary Sources ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๑๑) การตรวจวัดค่าสารหนู ให้ใช้วิธี Determination of Metals Emissions from Stationary Sources ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๑๒) การตรวจวัดค่าทองแดง ให้ใช้วิธี Determination of Metals Emissions from Stationary Sources ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๑๓) การตรวจวัดค่าตะกั่ว ให้ใช้วิธี Determination of Metals Emissions from Stationary Sources ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๑๔) การตรวจวัดค่าคลอรีน ให้ใช้วิธี Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources Non-Isokinetic หรือวิธี Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources Isokinetic ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

(๑๕) การตรวจวัดค่าสารปรอท ให้ใช้วิธี Determination of Metals Emissions from Stationary Sources ซึ่งต้องการพิกัดสิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกากำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบโดยประกาศในราชกิจจานุเบกษา

ข้อ ๕ ประกาศนี้ไม่ใช้บังคับกับแหล่งกำเนิดมลพิษที่มีการกำหนดมาตรฐานควบคุมการปล่อยก๊าซพิษแล้ว ตามกฎหมายว่าด้วยส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติไว้เป็นการเฉพาะแล้ว

ข้อ ๖ ประกาศนี้ให้ใช้บังคับตั้งแต่วันถัดจากวันประกาศในราชกิจจานุเบกษาเป็นต้นไป

ประกาศ ณ วันที่ ๕ เมษายน พ.ศ. ๒๕๔๕

ยงยุทธ ฉายะไพรัช

รัฐมนตรีว่าการกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม



ประกาศกระทรวงอุตสาหกรรม

เรื่อง กำหนดค่าปริมาณเขม่าควันที่เจือปนในอากาศที่ระบายออกจาปล่องของหม้อน้ำของโรงงาน พ.ศ. ๒๕๔๕

อาศัยอำนาจตามความในข้อ ๑๖ แห่งกฎกระทรวงฉบับที่ ๒ (พ.ศ. ๒๕๓๕) ออกตามความในพระราชบัญญัติโรงงาน พ.ศ. ๒๕๓๕ รัฐมนตรีว่าการกระทรวงอุตสาหกรรมออกประกาศไว้ ดังต่อไปนี้

ข้อ ๑ ในประกาศนี้

“หม้อน้ำ (Boiler)” หมายความว่า หม้อน้ำที่เป็นคาน้ำเดือดถึงงานกลและหรือพลังความร้อนแต่ไม่รวมถึงหม้อน้ำที่ใช้ก๊าซที่โดรสเลินเหลว (Liquefied Petroleum Gas) หรือก๊าซธรรมชาติ (Natural Gas) เป็นเชื้อเพลิง

“ค่าความเข้มข้นของเขม่าควัน” หมายความว่า จำนวนร้อยละของแสงที่ไม่สามารถส่องผ่านเขม่าควันที่เจือปนในอากาศที่ระบายออกจาปล่อง

ข้อ ๒ อากาศที่ระบายออกจาปล่องของหม้อน้ำโรงงานจำพวกที่ ๓ ที่มีขนาดกำลังการผลิตไอไอน้ำตั้งแต่ ๑ ตันต่อชั่วโมงขึ้นไป ต้องมีเขม่าควันเจือปนอยู่ในปริมาณที่ทำให้เกิดความเข้มข้นกับแสงเมื่อตรวจวัดด้วยแผนภูมิความเข้มของรังสีกลาเมาน์ไม่เกินร้อยละสิบ

ข้อ ๓ การตรวจวัดความเข้มของแสงให้ตรวจวัดในขณะประกอบกิจการโรงงาน และหม้อน้ำมีการทำงานปกติ

ข้อ ๔ วิธีการตรวจวัด การคำนวณ การเปรียบเทียบ และการสรุปผลการตรวจวัดค่าความเข้มแสง ให้ใช้วิธีดังต่อไปนี้

- (๑) วิธีการตรวจวัดค่าความเข้มของเขม่าควัน ให้ดำเนินการตามขั้นตอนดังต่อไปนี้
- (ก) การตรวจวัดแต่ละครั้ง ต้องมีผู้ตรวจวัด ๒ คน และทำการตรวจวัดพร้อมกัน
- (ข) ให้ผู้ตรวจวัดสังเกตทิศทางของฟุ้งไปบริเวณที่จะตรวจวัดก่อนดำเนินการตรวจวัด และพิจารณาว่ามีความสว่างเพียงพอหรือไม่ โดยสังเกตจากสีกลุ่มควันที่เกิดขึ้นและสีของฉากหลังที่มีความเข้มแตกต่างกัน โดยชัดเจน (Contrasting background)
- (ค) ให้ผู้ตรวจวัดยืนห่างจากปล่องระบายของหม้อน้ำ ไม่น้อยกว่าสามเท่าของระยะความสูงจากกระดานตำแหน่งที่ผู้ตรวจวัดยืนอยู่จนถึงระดับปากปล่อง แต่ไม่เกิน ๔๐๐ เมตร และอยู่ในทิศทางที่ต่างกับการเคลื่อนที่ของกลุ่มควัน โดยให้ดวงอาทิตย์อยู่ด้านหลังของผู้ตรวจวัดให้มากที่สุด

(ง) ให้ใช้แผนภูมิเขม่าควันของจริงเกิดตามหน้าที่จัดทำ โดยกรมควบคุมมลพิษหรือที่มีมาตรฐานเทียบเท่า

(จ) ให้ผู้ตรวจวัดถือแผนภูมิไว้ในระดับสายตาและมองเขม่าควันผ่านช่องตรงกลางของแผนภูมิ โดยสังเกตความเข้มแสงของเขม่าควันตรงจุดที่กลุ่มควันมีความหนาแน่นมากที่สุดและไม่มีการควมแน่นอนของ ไอน้ำ เปรียบเทียบกับความเข้มแสงของแผนภูมิเขม่าควัน เพื่อหาค่าความเข้มแสงที่ได้เปรียบกับความเข้มแสงของกลุ่มเขม่าควันที่เกิดขึ้นจริง และบันทึกผลการตรวจวัดทุก ๆ ๑๕ วินาทีจนกระทั่งครบ ๑๕ นาที ลงในแบบ พ.ศ. ๐๑-๔๕ ทำยประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าปริมาณเขม่าควันที่เจือปนในอากาศที่ระบายออกจาปล่องของหม้อน้ำโรงสีข้าวที่ใช้เกลบเป็นเชื้อเพลิง พ.ศ. ๒๕๔๕

(๒) การคำนวณและการเปรียบเทียบค่าความเข้มแสง ให้ดำเนินการดังนี้

(ก) ให้หาค่าเฉลี่ยของความเข้มแสงของเขม่าควันตาม (๑) (๑)

(ข) ให้นำค่าเฉลี่ยของผู้ตรวจวัดแต่ละคนตาม (ก) มาเปรียบเทียบกับ ทาเมกต่างกันเกิน ๓ ให้ทำการตรวจวัดใหม่ ถ้าแตกต่างกันไม่เกิน ๓ ให้นำค่าเฉลี่ยความเข้มแสงของผู้ตรวจวัด ๒ คน มาหาค่าเฉลี่ยอีกครั้ง ผลลัพธ์ที่ได้เป็นค่าความเข้มแสงของเขม่าควันในครั้งนั้น

(๓) การสรุปผลการตรวจวัด ให้บันทึกข้อมูลลงในแบบ พ.ศ. ๐๒-๔๕ ทำยประกาศ กระทรวงอุตสาหกรรม เรื่อง กำหนดค่าปริมาณเขม่าควันที่เจือปนในอากาศที่ระบายออกจาปล่องของหม้อน้ำโรงสีข้าวที่ใช้เกลบเป็นเชื้อเพลิง พ.ศ. ๒๕๔๕

ข้อ ๕ ประกาศนี้ให้ใช้บังคับสำหรับประเภทโรงงานใด ๆ ที่ไม่ได้กำหนดค่าปริมาณเขม่าควันที่เจือปนในอากาศที่ระบายออกจาปล่องของหม้อน้ำไว้เป็นการเฉพาะ

ทั้งนี้ ให้ใช้บังคับตั้งแต่วันถัดจากวันประกาศในราชกิจจานุเบกษาเป็นต้นไป

ประกาศ ณ วันที่ ๓๑ ตุลาคม พ.ศ. ๒๕๔๕

โฆสิต ปั้นเปี่ยมรัษฎ์

รัฐมนตรีว่าการกระทรวงอุตสาหกรรม



ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม

เรื่อง กำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้า

พ.ศ. ๒๕๖๖

โดยที่เป็นการสมควรปรับปรุงมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้า ให้มีความสอดคล้องกับสถานการณ์ด้านพลังงาน สิ่งแวดล้อม และเทคโนโลยีในปัจจุบัน

อาศัยอำนาจตามความในมาตรา ๕๕ แห่งพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อม แห่งชาติ พ.ศ. ๒๕๑๕ รัฐมนตรีว่าการกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม โดยคำแนะนำของ คณะกรรมการควบคุมมลพิษ และโดยความเห็นชอบของคณะกรรมการสิ่งแวดล้อมแห่งชาติ จึงออกประกาศไว้ ดังต่อไปนี้

ข้อ ๑ ให้ยกเลิก

(๑) ประกาศกระทรวงวิทยาศาสตร์ เทคโนโลยีและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐาน ควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้า ลงวันที่ ๒๕ ธันวาคม พ.ศ. ๒๕๓๘

(๒) ประกาศกระทรวงวิทยาศาสตร์ เทคโนโลยีและสิ่งแวดล้อม ฉบับที่ ๒ (พ.ศ. ๒๕๔๒) เรื่อง การกำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าเก่า ลงวันที่ ๒ ธันวาคม พ.ศ. ๒๕๔๒

(๓) ประกาศกระทรวงวิทยาศาสตร์ เทคโนโลยีและสิ่งแวดล้อม ฉบับที่ ๓ (พ.ศ. ๒๕๔๔) เรื่อง กำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าแม่เมาะ ลงวันที่ ๒๙ มกราคม พ.ศ. ๒๕๔๔

(๔) ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุม การปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าใหม่ ลงวันที่ ๒๐ ธันวาคม พ.ศ. ๒๕๕๒

ข้อ ๒ ในประกาศนี้

“โรงไฟฟ้า” หมายความว่า โรงงานผลิตพลังงานไฟฟ้าจากพลังงานความร้อน ลำดับที่ ๔๘ (๒) ตามกฎหมายว่าด้วยโรงงาน หรือสถานประกอบกิจการไฟฟ้า ที่มีการผลิตไฟฟ้าจากพลังงานความร้อน ตามกฎหมายว่าด้วยการประกอบกิจการพลังงาน

“โรงไฟฟ้าเก่า” หมายความว่า โรงไฟฟ้า ดังต่อไปนี้

(๑) โรงไฟฟ้าที่ได้รับอนุญาตให้ประกอบกิจการ หรือขยายโรงงาน หรือเดิมเครื่องจักร ก่อนวันที่ ๓๑ มกราคม ๒๕๓๘ ดังนี้

- (๑.๑) โรงไฟฟ้าบางปะกง (พลังงานความร้อน) หน่วยการผลิตที่ ๓ และหน่วยการผลิตที่ ๔
- (๑.๒) โรงไฟฟ้าแม่เมาะ ชุดที่ ๑ และชุดที่ ๒
- (๑.๓) โรงไฟฟ้าแม่เมาะ หน่วยการผลิตที่ ๔ และหน่วยการผลิตที่ ๘ - ๑๓

(๒) โรงไฟฟ้าที่ได้รับอนุญาตให้ประกอบกิจการ ผลิต หรือเปลี่ยนแปลงกำลังผลิตไฟฟ้า ตั้งแต่วันที่ ๓๑ มกราคม ๒๕๓๘ ถึงวันที่ ๑๖ มกราคม ๒๕๕๓

(๓) โรงไฟฟ้าที่ได้รับอนุญาตให้ประกอบกิจการ ผลิต หรือเปลี่ยนแปลงกำลังผลิตไฟฟ้า ตั้งแต่วันที่ ๑๗ มกราคม ๒๕๕๓ ถึงก่อนวันที่ประกาศนี้มีผลใช้บังคับ

“โรงไฟฟ้าใหม่” หมายความว่า โรงไฟฟ้าที่ได้รับอนุญาตให้ประกอบกิจการ ขยาย เปลี่ยนแปลง หรือสร้างทดแทนหน่วยผลิตเดิม ตั้งแต่วันที่ประกาศนี้มีผลใช้บังคับเป็นต้นไป

“โรงไฟฟ้าที่ใช้ขยะเป็นเชื้อเพลิง” หมายความว่า โรงไฟฟ้าที่ขี้อมูลสลายตามกฎหมายว่าด้วยการสาธารณสุข หรือสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้วที่เป็นของเสียอันตรายตามกฎหมายว่าด้วยโรงงาน มาเป็นเชื้อเพลิงในการผลิตไฟฟ้า ทั้งนี้ ให้หมายความรวมถึงเชื้อเพลิงที่ได้จากกระบวนการแปรรูปมูลสัตว์ หรือสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้วดังกล่าวด้วย

“เชื้อเพลิงชีวมวล” หมายความว่า เชื้อเพลิงที่ได้มาจากอินทรีย์สารหรือสิ่งมีชีวิต รวมทั้ง ผลิตภัณฑ์จากการเกษตร การปศุสัตว์ การทำป่าน และการแปรรูปผลิตภัณฑ์ดังกล่าว เช่น ไม้ผืน เศษไม้ เกือบ ฟาง ขาน้อย ต้นและใบอ้อย ใบปาล์ม ทะลายปาล์ม ทะเลสาบพร้าว ไชยะพร้าว เศษพืช มูลสัตว์ และกากตะกอน เป็นต้น

“ก๊าซชีวภาพ” หมายความว่า ก๊าซที่เกิดจากกระบวนการย่อยสลายของสารอินทรีย์ในวัตถุดิบ ในสภาวะไม่ใช้ออกซิเจนโดยการทำงานของจุลินทรีย์ โดยมีองค์ประกอบหลัก คือ ก๊าซมีเทน (CH<sub>4</sub>) และก๊าซคาร์บอนไดออกไซด์ (CO<sub>2</sub>) ทั้งนี้ วัตถุดิบหลักสามารถมาจากของเสีย น้ำเสีย หรือพืชพลังงาน ก็ได้

ข้อ ๓ กำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าไว้ ดังต่อไปนี้

โรงไฟฟ้า	ค่ามาตรฐาน		
	ฝุ่นละออง (มีฤทธิ์ระคายเคืองตา)	ก๊าซซัลเฟอร์ ไดออกไซด์ (ส่วนในล้านส่วน)	ก๊าซออกไซด์ของไนโตรเจน (รวมในล้านส่วน)
(๑) โรงไฟฟ้าที่ได้รับอนุญาตให้ประกอบกิจการ หรือขยายโรงงาน หรือเดิมเครื่องจักร ก่อนวันที่ ๓๑ มกราคม ๒๕๓๘ (๑.๑) โรงไฟฟ้าบางปะกง (พลังงานความร้อน) หน่วยการผลิตที่ ๓ และ หน่วยการผลิตที่ ๔ ที่ใช้ก๊าซธรรมชาติและน้ำมันเป็นเชื้อเพลิง (๑.๒) โรงไฟฟ้าแม่เมาะ ชุดที่ ๑ และชุดที่ ๒ ที่ใช้ก๊าซธรรมชาติเป็นเชื้อเพลิง	ไม่เกิน ๑๒๐	ไม่เกิน ๓๒๐	ไม่เกิน ๒๐๐
	ไม่เกิน ๖๐	ไม่เกิน ๖๐	ไม่เกิน ๒๕๐



[illegible]

คำนำหน้าฐาน		กำลังซื้อที่ใช้ของ
ผู้ผลของ (มีสิทธิ์ร่วมโดย ลูกบาทกับบุตร)	กำลังซื้อเตอร์ โดยผู้ใช้ (ส่วนในล้านส่วน)	ไม่ได้รับเงินส่วนนี้ ในธุรกิจไม่ได้รับ โดยออกให้ (ส่วนในล้านส่วน)
ไม่เก็บ ๑๒๐	ไม่เก็บ ๒๐๐	ไม่เก็บ ๑๕๐
ไม่เก็บ ๖๐	ไม่เก็บ ๒๐	ไม่เก็บ ๑๕๐
ไม่เก็บ ๑๒๐	ไม่เก็บ ๖๐	ไม่เก็บ ๒๐๐
ไม่เก็บ ๑๒๐	ไม่เก็บ ๖๐	ไม่เก็บ ๒๐๐

ข้อ ๔ กำหนดมาตรฐานควบคุมการปล่อยก๊าซจากโรงไฟฟ้าใหม่

โครงการ	ค่ามาตรฐาน			
	ผู้บดของ (มีสิทธิร่วมต่อ ลูกบาศก์เมตร)	ก๊าซเชื้อเพลิง ไดออกไซด์ (รวมในส่วน)	ก๊าซออกไซด์ของ ไนโตรเจนเพียง คำนวณในรูปแบบ ก๊าซไนโตรเจน ไดออกไซด์ (ส่วนในส่วน)	สารปรอท (มีสิทธิร่วมต่อ ลูกบาศก์เมตร)
(๑) โรงไฟฟ้าไหมที่ใช้ถ่านหิน เป็นเชื้อเพลิง (๑๓) ที่มีกำลังการผลิตไฟฟ้า ไม่เกิน ๑๐๐ เมกะวัตต์ (๑๒) ที่มีกำลังการผลิตไฟฟ้า เกิน ๑๐๐ เมกะวัตต์	ไม่เกิน ๕๐ ไม่เกิน ๓๐	ไม่เกิน ๑๕๐ ไม่เกิน ๑๕๐	ไม่เกิน ๒๐๐ ไม่เกิน ๒๐๐	ไม่เกิน ๐.๐๓๓ ไม่เกิน ๐.๐๓๓
(๒) โรงไฟฟ้าพลังความร้อนที่ใช้ น้ำมันเป็นเชื้อเพลิง	ไม่เกิน ๓๐	ไม่เกิน ๕๐	ไม่เกิน ๑๓๐	-
(๓) โรงไฟฟ้าแก๊สธรรมชาติที่ใช้ ก๊าซธรรมชาติเป็นเชื้อเพลิง	ไม่เกิน ๒๐	ไม่เกิน ๑๕	ไม่เกิน ๕๐	-
(๔) โรงไฟฟ้าพลังความร้อนที่ใช้ เชื้อเพลิงชีวมวลเป็นเชื้อเพลิง	ไม่เกิน ๔๐	ไม่เกิน ๓๐	ไม่เกิน ๒๐๐	-
(๕) โรงไฟฟ้าพลังความร้อนที่ใช้ ก๊าซปิโตรเลียมเป็นเชื้อเพลิง	ไม่เกิน ๓๐	ไม่เกิน ๓๐	ไม่เกิน ๒๐๐	-



ข้อ ๕ กำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าที่ใช้ขยะเป็นเชื้อเพลิงไว้ ดังต่อไปนี้

สารพิษทางอากาศ	ค่ามาตรฐาน	
	โรงไฟฟ้าเก่า	โรงไฟฟ้าใหม่
ฝุ่นละออง (มีลิกรัมต่อลูกบาศก์เมตร)	ไม่เกิน ๗๐	ไม่เกิน ๕๐
ก๊าซซัลเฟอร์ไดออกไซด์ (ส่วนในล้านส่วน)	ไม่เกิน ๓๐	ไม่เกิน ๒๕
ก๊าซออกไซด์ของไนโตรเจน ซึ่งคำนวณถึงรูปก๊าซไนโตรเจนไดออกไซด์ (ส่วนในล้านส่วน)	ไม่เกิน ๑๘๐	ไม่เกิน ๑๕๐
ก๊าซไฮโดรเจนคลอไรด์ (ส่วนในล้านส่วน)	ไม่เกิน ๒๕	ไม่เกิน ๒๕
สารปรอท (มีลิกรัมต่อลูกบาศก์เมตร)	ไม่เกิน ๐.๐๕	ไม่เกิน ๐.๐๓
สารแคดเมียม (มีลิกรัมต่อลูกบาศก์เมตร)	ไม่เกิน ๐.๐๕	ไม่เกิน ๐.๐๕
สารตะกั่ว (มีลิกรัมต่อลูกบาศก์เมตร)	ไม่เกิน ๐.๕	ไม่เกิน ๐.๑
สารประกอบไดออกซิน (ในโมโนคลอโลบาค์ไนด์)	ไม่เกิน ๐.๑	ไม่เกิน ๐.๑
คำนวณในรูปของหน่วยความเข้มข้นเฉลี่ยของความเป็นพิษต่อมนุษย์ (PCDD/Fs as Toxic Equivalent : I-TEQ)	ไม่เกิน ๑๐	ไม่เกิน ๑๐

ข้อ ๖ ให้มาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าเก่าตามข้อ ๓ (๑) มีผลใช้บังคับตั้งแต่วันที่ ๑ มกราคม ๒๕๖๕ เป็นต้นไป และให้ใช้มาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าใหม่แทน

ข้อ ๗ กรณีโรงไฟฟ้าใช้เชื้อเพลิงร่วมกันตั้งแต่ ๒ ประเภทขึ้นไป ให้คำนวณค่ามาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากผลรวมของค่ามาตรฐานควบคุมอากาศเสียที่ปล่อยทิ้งของเชื้อเพลิงแต่ละประเภทคูณกับสัดส่วนของความร้อน (Heat Input) ของเชื้อเพลิงประเภทนั้น ๆ

ค่ามาตรฐานควบคุมการปล่อยทิ้งอากาศเสีย =  $AU + BV + CW + DX + EY + FZ$   
 เมื่อ A = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้ถ่านหินเป็นเชื้อเพลิงอย่างเดียว  
 B = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้ถ่านหินเป็นเชื้อเพลิงอย่างเดียว  
 C = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้ถ่านหินเป็นเชื้อเพลิงอย่างเดียว  
 D = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้ถ่านหินเป็นเชื้อเพลิงอย่างเดียว  
 E = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้ถ่านหินเป็นเชื้อเพลิงอย่างเดียว  
 F = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้ถ่านหินเป็นเชื้อเพลิงอย่างเดียว  
 U = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทถ่านหิน  
 V = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทถ่านหิน  
 W = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทถ่านหิน  
 X = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทถ่านหิน

Y = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทก๊าซชีวภาพ  
 Z = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทขยะ

ข้อ ๘ การตรวจวัดมลพิษทางอากาศจากปล่องโรงไฟฟ้า ให้ใช้วิธี ดังต่อไปนี้

(๑) ฝุ่นละออง ให้ใช้วิธี Determination of Particulate Matter Emissions from Stationary Sources หรือวิธี Determination of Low Level Particulate Matter Emissions from Stationary Sources หรือวิธี Determination of Metals Emissions from Stationary Sources ซึ่งองค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ

(๒) ก๊าซซัลเฟอร์ไดออกไซด์ ให้ใช้วิธี Determination of Sulfur Dioxide Emissions from Stationary Sources หรือวิธี Determination of Sulfuric Acid and Sulfur Dioxide Emissions from Stationary Sources ซึ่งองค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ

(๓) ก๊าซออกไซด์ของไนโตรเจน ซึ่งคำนวณผลในรูปก๊าซไนโตรเจนไดออกไซด์ ให้ใช้วิธี Determination of Nitrogen Oxide Emissions from Stationary Sources หรือวิธี Determination of Nitrogen Oxide Emissions from Stationary Sources - Ion Chromatographic Method หรือ Ultraviolet Spectrophotometric Method หรือ Alkaline Permanganate/Colorimetric Method หรือ Alkaline - Permanganate/Ion Chromatographic Method หรือ Instrumental Analyzer Procedure ซึ่งองค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ

(๔) ก๊าซไฮโดรเจนคลอไรด์ ให้ใช้วิธี Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources ซึ่งองค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ

(๕) สารปรอท สารแคดเมียม และสารตะกั่ว ให้ใช้วิธี Determination of Metals Emissions from Stationary Sources ซึ่งองค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ

(๖) สารประกอบไดออกซิน ให้ใช้วิธี Determination of Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans from Stationary Sources ซึ่งองค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้ หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ



(๗) ค่าความเทียบแสง ให้ใช้วิธีตรวจวัดด้วยแผนภูมิเข้มมาตรฐานของจริงเกิดมานานได้ตามประกาศ คณะกรรมการควบคุมมลพิษ เรื่อง แบบบันทึกผลการตรวจวัดค่าความทึบแสง และแบบสรุปผลการตรวจวัดค่าความทึบแสงของเขม่าควัน จากปล่อยปล่อยทิ้งของเสียของเผาผลาญเสีย รวบรวมทั้ง ลักษณะ และหน่วยวัดค่าความทึบแสงของแผนภูมิเข้มมาตรฐานของจริงเกิดมานาน หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ

ข้อ ๙ การคำนวณผลการตรวจวัดมลพิษทางอากาศ ให้คำนวณผลที่ความดัน ๑ บรรยากาศ หรือ ๗๖๐ มิลลิเมตรปรอท อุณหภูมิ ๒๕ องศาเซลเซียส ที่สภาวะแห้ง (Dry Basis) โดยมีปริมาตรออกซิเจนส่วนเกิน (Excess Oxygen) ในการเผาไหม้อยู่ที่ ๗

ข้อ ๑๐ ประกาศนี้ให้ใช้บังคับเมื่อพ้นกำหนดเก้าสิบวันนับแต่วันประกาศในราชกิจจานุเบกษา เป็นต้นไป

ประกาศ ณ วันที่ ๒๗ กรกฎาคม พ.ศ. ๒๕๖๖  
วราวุธ ศิลปอาชา  
รัฐมนตรีว่าการกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม



## ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม

เรื่อง กำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าใหม่

โดยที่เป็นการสมควรปรับปรุงการกำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าใหม่มีความเหมาะสมกับการพัฒนาเทคโนโลยี และสถานการณ์มลพิษในปัจจุบัน อาศัยอำนาจตามความในมาตรา ๕๕ แห่งพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ อันเป็นพระราชบัญญัติที่มีบทบัญญัติบางประการเกี่ยวกับการจัดตั้ง และเสถียรภาพของบุคคล ซึ่งมาตรา ๒๕ ประกอบกับมาตรา ๓๓ มาตรา ๓๔ มาตรา ๔๑ ของรัฐธรรมนูญแห่งราชอาณาจักรไทยบัญญัติให้กระทำได้โดยอาศัยอำนาจตามบทบัญญัติแห่งกฎหมาย รัฐมนตรีว่าราชการกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม โดยคำแนะนำของคณะกรรมการควบคุมมลพิษ และโดยความเห็นชอบของคณะกรรมการสิ่งแวดล้อมแห่งชาติ จึงออกประกาศไว้ ดังต่อไปนี้

ข้อ ๑ ในประกาศนี้

“โรงไฟฟ้าใหม่” หมายความว่า โรงงานผลิตพลังงานไฟฟ้าตามกฎหมายด้วยโรงงานซึ่งใช้ถ่านหิน น้ำมัน แก๊สธรรมชาติหรือเชื้อเพลิงชีวมวลเป็นเชื้อเพลิง ที่ได้รับอนุญาตให้ประกอบกิจการหลังจากวันที่ประกาศนี้มีผลใช้บังคับ

“เชื้อเพลิงชีวมวล” หมายความว่า เชื้อเพลิงที่ได้มาจากอินทรีย์สารหรือสิ่งมีชีวิต รวมทั้งผลผลิตจากการเกษตร การปศุสัตว์ และการทำป่าไม้ เช่น ไม้พื้น เศษไม้ แกลบ ฟาง ราน้อย ต้น และใบอ้อย ใบปาล์ม กะลาปาล์ม ทะลายปาล์ม กะลามะพร้าว โยมะพร้าว เศษพืช มูลสัตว์ กากชีวภาพ กากตะกอนหรือของเสียจากโรงงานแปรรูปผลิตภัณฑ์ทางการเกษตร เป็นต้น

“สถานะแห้ง” หมายความว่า สถานะที่ความชื้นของตัวอย่างอากาศเป็นศูนย์

ข้อ ๒ กำหนดมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียจากโรงไฟฟ้าใหม่ และโรงไฟฟ้าตามกฎหมายว่าด้วยการส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติที่ได้รับใบอนุญาตประกอบกิจการโรงงานก่อนและในวันที่ประกาศนี้มีผลใช้บังคับเฉพาะส่วนที่ได้รับอนุญาตให้ขยายโรงงานไว้ ดังต่อไปนี้

ชนิดของเชื้อเพลิง	ฝุ่นละออง (มีลักษณะค่าอนุภาคเบตา)	แก๊สซัลเฟอร์ไดออกไซด์ (ส่วนในล้านส่วน)	แก๊สออกไซด์ของไนโตรเจนซึ่งคำนวณผลในรูปก๊าซไนโตรเจนไดออกไซด์ (ส่วนในล้านส่วน)
๑. โรงไฟฟ้าที่ใช้ถ่านหินเป็นเชื้อเพลิง (๑) ที่มีกำลังการผลิตไฟฟ้าไม่เกิน ๕๐ เมกะวัตต์	ไม่เกิน ๔๐	ไม่เกิน ๓๖๐	ไม่เกิน ๒๐๐
(๒) ที่มีกำลังการผลิตไฟฟ้าเกิน ๕๐ เมกะวัตต์	ไม่เกิน ๔๐	ไม่เกิน ๑๔๐	ไม่เกิน ๒๐๐
๒. โรงไฟฟ้าที่ใช้ถ่านหินเป็นเชื้อเพลิง	ไม่เกิน ๑๒๐	ไม่เกิน ๒๖๐	ไม่เกิน ๑๔๐
๓. โรงไฟฟ้าที่ใช้ก๊าซธรรมชาติเป็นเชื้อเพลิง	ไม่เกิน ๖๐	ไม่เกิน ๒๐	ไม่เกิน ๑๒๐
๔. โรงไฟฟ้าที่ใช้เชื้อเพลิงชีวมวลเป็นเชื้อเพลิง	ไม่เกิน ๑๒๐	ไม่เกิน ๖๐	ไม่เกิน ๒๐๐

ข้อ ๓ การคำนวณค่าอากาศเสียแต่ละชนิดที่ปล่อยทิ้งจากปล่องโรงไฟฟ้าตามข้อ ๒ ให้คำนวณผลที่ความดัน ๑ บรรยากาศหรือที่ ๗๖๐ มิลลิเมตรปรอท อุณหภูมิ ๒๕ องศาเซลเซียส ที่สถานะแห้ง (Dry Basis) โดยมีปริมาณอากาศส่วนเกินในการเผาไหม้ (Excess Air) ร้อยละ ๕๐ หรือที่ปริมาณดรรชนีเกินส่วนเกิน (Excess Oxygen) ในการเผาไหม้ร้อยละ ๘

ข้อ ๔ กรณีโรงไฟฟ้าตามข้อ ๒ ใช้ถ่านหิน น้ำมัน แก๊สธรรมชาติหรือเชื้อเพลิงชีวมวลเป็นเชื้อเพลิงรวมกันตั้งแต่ ๒ ประเภทขึ้นไป ให้คำนวณมาตรฐานควบคุมการปล่อยทิ้งอากาศเสียตามสัดส่วนของเชื้อเพลิงที่ใช้แต่ละประเภทดังต่อไปนี้

คำนวณมาตรฐานควบคุมการปล่อยทิ้งอากาศเสีย =  $AW + BX + CY + DZ$

เมื่อ A = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้ถ่านหินเป็นเชื้อเพลิงอย่างเดียว

B = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้น้ำมันเป็นเชื้อเพลิงอย่างเดียว

C = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้ก๊าซธรรมชาติเป็นเชื้อเพลิงอย่างเดียว

D = ค่ามาตรฐานอากาศเสียที่ปล่อยทิ้งเมื่อใช้เชื้อเพลิงชีวมวลเป็นเชื้อเพลิงอย่างเดียว

W = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทถ่านหิน

X = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทน้ำมัน

Y = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทก๊าซธรรมชาติ

Z = สัดส่วนของความร้อน (Heat Input) ที่ได้จากเชื้อเพลิงประเภทเชื้อเพลิงชีวมวล



ข้อ ๕ การตรวจวัดอากาศเสียที่ปล่อยทิ้งจากปล่องโรงไฟฟ้าตามข้อ ๒ ให้ใช้วิธีดังต่อไปนี้

(๑) การตรวจวัดค่าฝุ่นละอองให้ใช้วิธี Determination of Particulate Emissions from Stationary Sources ที่องค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ

(๒) การตรวจวัดค่าก๊าซซัลเฟอร์ไดออกไซด์ ให้ใช้วิธี Determination of Sulfur Dioxide Emissions from Stationary Sources หรือวิธี Determination of Sulfuric Acid Mist and Sulfur Dioxide Emissions from Stationary Sources ที่องค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ

(๓) การตรวจวัดค่าก๊าซออกไซด์ของไนโตรเจน ซึ่งคำนวณผลในรูปของก๊าซไนโตรเจนไดออกไซด์ ให้ใช้วิธี Determination of Nitrogen Oxide Emissions from Stationary Sources ที่องค์การพิทักษ์สิ่งแวดล้อมแห่งประเทศสหรัฐอเมริกา (United States Environmental Protection Agency) กำหนดไว้หรือวิธีอื่นที่คณะกรรมการควบคุมมลพิษเห็นชอบ

ข้อ ๖ ประกาศนี้ให้บังคลตั้งแต่วันถัดจากวันประกาศในราชกิจจานุเบกษาเป็นต้นไป

ประกาศ ณ วันที่ ๒๐ ธันวาคม พ.ศ. ๒๕๕๒

สุวิทย์ คุณกิตติ

รัฐมนตรีว่าการกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม





## ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ

ฉบับที่ ๒๔ (พ.ศ. ๒๕๔๗)

### เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป

อาศัยอำนาจตามความในมาตรา ๓๒ และมาตรา ๓๔ แห่งพระราชบัญญัติสิ่งแวดล้อมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ อันเป็นพระราชบัญญัติที่มีบทบัญญัติบางประการเกี่ยวกับการจํากัดสิทธิและเสรีภาพของบุคคล ซึ่งมาตรา ๒๙ ประกอบกับมาตรา ๓๕ มาตรา ๕๔ มาตรา ๕๐ และมาตรา ๕๑ ของรัฐธรรมนูญแห่งราชอาณาจักรไทยบัญญัติให้กระทําได้โดยอาศัยอำนาจตามบทบัญญัติแห่งกฎหมาย คณะกรรมการสิ่งแวดล้อมแห่งชาติ จึงได้มีมติในคราวการประชุมครั้งที่ ๒/๒๕๔๗ เมื่อวันที่ ๒๔ กุมภาพันธ์ ๒๕๔๗ ให้ปรับปรุงแก้ไขมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป ดังต่อไปนี้

ข้อ ๑ ให้ยกเลิกความใน (๔) ของข้อ ๒ แห่งประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ ๑๐ (พ.ศ. ๒๕๓๕) ออกตามความในพระราชบัญญัติสิ่งแวดล้อมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป และให้ใช้ความต่อไปนี้แทน

“(๔) ค่าเฉลี่ยของก๊าซซัลเฟอร์ไดออกไซด์ ในเวลา ๒๔ ชั่วโมง จะต้องไม่เกิน ๐.๒ ส่วนในล้านส่วน หรือไม่เกิน ๐.๓๐ มิลลิกรัมต่อลูกบาศก์เมตร และค่ามัธยัมเลขคณิต (Arithmetic Mean) ในเวลา ๑ ปี จะต้องไม่เกิน ๐.๐๔ ส่วนในล้านส่วน หรือไม่เกิน ๐.๑๐ มิลลิกรัมต่อลูกบาศก์เมตร”

ข้อ ๒ ให้ยกเลิกความใน (๒) และ (๓) ของข้อ ๔ แห่งประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ ๑๐ (พ.ศ. ๒๕๓๕) ออกตามความในพระราชบัญญัติสิ่งแวดล้อมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป และให้ใช้ความต่อไปนี้แทน

“(๒) ค่าเฉลี่ยของฝุ่นละอองขนาดเล็กไม่เกิน ๑๐ ไมครอน ในเวลา ๒๔ ชั่วโมง จะต้องไม่เกิน ๐.๑๒ มิลลิกรัมต่อลูกบาศก์เมตร และค่ามัธยัมเลขคณิต (Arithmetic Mean) ในเวลา ๑ ปี จะต้องไม่เกิน ๐.๐๕ มิลลิกรัมต่อลูกบาศก์เมตร

(๓) ค่าเฉลี่ยของฝุ่นละอองรวมหรือฝุ่นละอองขนาดไม่เกิน ๑๐๐ ไมครอน ในเวลา ๒๔ ชั่วโมง จะต้องไม่เกิน ๐.๓๓ มิลลิกรัมต่อลูกบาศก์เมตร และค่ามัธยัมเลขคณิต (Arithmetic Mean) ในเวลา ๑ ปี จะต้องไม่เกิน ๐.๑๐ มิลลิกรัมต่อลูกบาศก์เมตร”

ประกาศ ณ วันที่ ๙ สิงหาคม พ.ศ. ๒๕๔๗

(ลงนาม) จาตุรนต์ ฉายแสง

(นายจาตุรนต์ ฉายแสง)

รองนายกรัฐมนตรี

ปฏิบัติหน้าที่ประธานคณะกรรมการสิ่งแวดล้อมแห่งชาติ

ราชกิจจานุเบกษา ฉบับประกาศทั่วไป เล่ม ๑๒๑ ตอนพิเศษ ๑๐๔ ง วันที่ ๒๒ กันยายน ๒๕๔๗





## ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ

ฉบับที่ ๒๑ (พ.ศ. ๒๕๔๔)

ออกตามความในพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ

พ.ศ. ๒๕๓๕

เรื่อง กำหนดมาตรฐานค่าก๊าซซัลเฟอร์ไดออกไซด์ในบรรยากาศโดยทั่วไป

ในเวลา ๑ ชั่วโมง

อาศัยอำนาจตามความในมาตรา ๑๒ และมาตรา ๑๔ แห่งพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ คณะกรรมการสิ่งแวดล้อมแห่งชาติ จึงปรับปรุงแก้ไขมาตรฐานค่าก๊าซซัลเฟอร์ไดออกไซด์ในบรรยากาศโดยทั่วไปในเวลา ๑ ชั่วโมงไว้ดังต่อไปนี้

(๑) ให้ยกเลิกข้อ ๒ แห่งประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ ๑๒ (พ.ศ. ๒๕๓๘) ออกตามความในพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ เรื่อง กำหนดมาตรฐานค่าก๊าซซัลเฟอร์ไดออกไซด์ในบรรยากาศโดยทั่วไปในเวลา ๑ ชั่วโมง

(๒) ให้ยกเลิกความในข้อ ๓ และข้อ ๕ แห่งประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ ๑๒ (พ.ศ. ๒๕๓๘) ออกตามความในพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ เรื่อง กำหนดมาตรฐานค่าก๊าซซัลเฟอร์ไดออกไซด์ในบรรยากาศโดยทั่วไปในเวลา ๑ ชั่วโมง และให้ใช้ความต่อไปนี้แทน

“ข้อ ๓ ค่าเฉลี่ยความเข้มข้นของก๊าซซัลเฟอร์ไดออกไซด์ในบรรยากาศโดยทั่วไปในเวลา ๑ ชั่วโมง จะต้องไม่เกิน ๐.๓๐ ส่วนในล้านส่วน (ppm) หรือไม่เกิน ๑๕๐ ไมโครกรัมต่อลูกบาศก์เมตร”

“ข้อ ๕ การวัดค่าเฉลี่ยความเข้มข้นของก๊าซซัลเฟอร์ไดออกไซด์ในบรรยากาศโดยทั่วไปในเวลา ๑ ชั่วโมง ตามข้อ ๓ ให้ใช้เครื่องวัดระบบ สุวี ฟลูออเรสเซน หรือระบบอื่นที่กรมควบคุมมลพิษประกาศในราชกิจจานุเบกษา”

ประกาศ ณ วันที่ ๕ เมษายน พ.ศ. ๒๕๔๔

(นายเดช บุญ-หลง)

รองนายกรัฐมนตรี ปฏิบัติหน้าที่

ประธานคณะกรรมการสิ่งแวดล้อมแห่งชาติ

(ประกาศในราชกิจจานุเบกษา เล่ม ๑๑๘ ตอนพิเศษ ๓๕ ง ลงวันที่ ๓๐ เมษายน ๒๕๔๔)



ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ

ณ วันที่ ๑๓ (พ.ศ. ๒๕๕๒)

เรื่อง กำหนดมาตรฐานค่าก๊อชในโตรเจนไดออกไซด์ในบรรยากาศโดยทั่วไป

โดยที่เป็นการสมควรกำหนดมาตรฐานค่าก๊อชในโตรเจนไดออกไซด์ในบรรยากาศโดยทั่วไป เพื่อเป็นเกณฑ์ทั่วไปสำหรับการสังเกตและรักษาคุณภาพสิ่งแวดล้อมตามพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕

อาศัยอำนาจตามความในมาตรา ๓๒ (๔) และมาตรา ๓๔ แห่งพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ อันเป็นพระราชบัญญัติที่มีบทบัญญัติบางประการเกี่ยวกับการจำกัดสิทธิและเสรีภาพของบุคคล ซึ่งมาตรา ๒๕ ประกอบกับมาตรา ๓๓ มาตรา ๓๔ มาตรา ๔๑ และมาตรา ๔๓ ของรัฐธรรมนูญแห่งราชอาณาจักรไทย บัญญัติให้กระทำได้โดยอาศัยอำนาจตามบทบัญญัติแห่งกฎหมาย คณะกรรมการสิ่งแวดล้อมแห่งชาติจึงออกประกาศกำหนดมาตรฐานค่าก๊อชในโตรเจนไดออกไซด์ในบรรยากาศโดยทั่วไปไว้ ดังต่อไปนี้

ข้อ ๑ ในประกาศนี้

“เครื่องวัดระบบเคมีลูมิเนสเซนซ์” (Chemiluminescence) หมายความว่า เครื่องมือวัดค่าก๊อชในโตรเจนไดออกไซด์โดยใช้ก๊าซไอโซนทำปฏิกิริยากับก๊าซไนตริกออกไซด์ซึ่งถูกเปลี่ยนมาจากก๊าซไนโตรเจนไดออกไซด์แล้ววัดความเข้มของแสงซึ่งเกิดจากปฏิกิริยานี้ ณ ที่ความยาวคลื่นที่สูงกว่า ๖๐๐ นาโนเมตร (Nanometer)

ข้อ ๒ ให้ยกเลิก

(๑) ความใน (๒) ของข้อ ๒ แห่งประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ ๑๐ (พ.ศ. ๒๕๓๔) ออกตามความในพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป

(๒) ความใน (๑) ของข้อ ๖ แห่งประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ ๑๐ (พ.ศ. ๒๕๓๔) ออกตามความในพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป แก้ไขเพิ่มเติมโดยประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ ๒๔ (พ.ศ. ๒๕๕๐) เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป

ข้อ ๓ ให้กำหนดมาตรฐานค่าก๊อชในโตรเจนไดออกไซด์ในบรรยากาศโดยทั่วไปไว้ดังต่อไปนี้

- (๑) ค่าเฉลี่ยของก๊อชในโตรเจนไดออกไซด์เป็นเวลา ๑ ชั่วโมง จะต้องไม่เกิน ๐.๑๗ ส่วนในล้านส่วนหรือไม่เกิน ๐.๓๒ มิลลิกรัมต่อลูกบาศก์เมตร
- (๒) ค่ามัธยฐานเลขคณิต (Arithmetic Mean) ของก๊อชในโตรเจนไดออกไซด์เป็นเวลา ๑ ปี จะต้องไม่เกิน ๐.๐๓ ส่วนในล้านส่วน หรือไม่เกิน ๐.๐๕๗ มิลลิกรัมต่อลูกบาศก์เมตร
- ข้อ ๔ การคำนวณค่าความเข้มข้นของก๊อชในโตรเจนไดออกไซด์ในบรรยากาศโดยทั่วไป ให้คำนวณเทียบที่ความดัน ๑ บรรยากาศ และอุณหภูมิ ๒๕ องศาเซลเซียส
- ข้อ ๕ การวัดค่าเฉลี่ยของก๊อชในโตรเจนไดออกไซด์เป็นเวลา ๑ ชั่วโมง หรือค่ามัธยฐานเลขคณิต (Arithmetic Mean) ในเวลา ๑ ปี ให้ใช้เครื่องวัดระบบเคมีลูมิเนสเซนซ์ หรือระบบอื่นที่กรมควบคุมมลพิษให้ความเห็นชอบ

ประกาศ ณ วันที่ ๑๗ มิถุนายน พ.ศ. ๒๕๕๒

อภิสิทธิ์ เวชชาชีวะ

นายกรัฐมนตรี

ประธานกรรมการสิ่งแวดล้อมแห่งชาติ





ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ  
ฉบับที่ ๓๔ (พ.ศ. ๒๕๔๐)  
เรื่อง กำหนดมาตรฐานระดับเสียงโดยทั่วไป

อาศัยอำนาจตามความในมาตรา ๓๒ (๔) แห่งพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ คณะกรรมการสิ่งแวดล้อมแห่งชาติกำหนดมาตรฐานระดับเสียงโดยทั่วไปไว้ดังต่อไปนี้

ข้อ ๑ ในประกาศนี้

"ระดับเสียงโดยทั่วไป" หมายความว่า ระดับเสียงที่เกิดขึ้นในสิ่งแวดล้อม

"ค่าระดับเสียงสูงสุด" หมายความว่า ค่าระดับเสียงสูงสุดที่เกิดขึ้นในขณะใดขณะหนึ่งของพื้นที่ระหว่างการตรวจวัดระดับเสียง โดยมีหน่วยเป็นเดซิเบลเอ หรือ dB(A)

"ค่าระดับเสียงเฉลี่ย ๒๔ ชั่วโมง" หมายความว่า ค่าระดับเสียงเฉลี่ยที่มีพลังงานเทียบเท่าระดับเสียงที่เกิดขึ้นจริง ซึ่งมีระดับเสียงเปลี่ยนแปลงตามเวลาในช่วง ๒๔ ชั่วโมง (๒๔ hours A-weighted Equivalent Continuous sound Level) ซึ่งเรียกโดยย่อว่า Leq ๒๔ hr โดยมีหน่วยเป็นเดซิเบลเอ หรือ dB(A)

"มาตรฐานระดับเสียง" หมายความว่า เครื่องวัดระดับเสียงตามมาตรฐาน IEC ๖๔๑ หรือ IEC ๔๐๔ ของคณะกรรมการระหว่างประเทศว่าด้วยเทคนิคไฟฟ้า (International Electrotechnical Commission, IEC)

ข้อ ๒ ให้กำหนดมาตรฐานระดับเสียงโดยทั่วไปไว้ดังต่อไปนี้

(๑) ค่าระดับเสียงสูงสุด ไม่เกิน ๑๑๕ เดซิเบลเอ

(๒) ค่าระดับเสียงเฉลี่ย ๒๔ ชั่วโมง ไม่เกิน ๗๐ เดซิเบลเอ

ข้อ ๓ การตรวจวัดระดับเสียงโดยทั่วไป ให้ดำเนินการดังต่อไปนี้

(๑) การตรวจวัดค่าระดับเสียงสูงสุด ให้ใช้มาตรฐานระดับเสียงตรวจวัดระดับเสียงในบริเวณที่มีคน

อยู่ตลอดเวลาอยู่

(๒) การตรวจวัดค่าระดับเสียงเฉลี่ย ๒๔ ชั่วโมง ให้ใช้มาตรฐานระดับเสียงตรวจวัดระดับเสียง

อย่างต่อเนื่องตลอดเวลา ๒๔ ชั่วโมงได้

(๓) การตั้งไมโครโฟนของมาตรฐานระดับเสียงที่บริเวณภายนอกอาคารให้ตั้งสูงจากพื้นไม่น้อยกว่า ๑.๒๐ เมตร โดยให้ระดับ ๓.๕๐ เมตร ตามแนวราบรอบไมโครโฟน ต้องไม่มีกำแพงหรือสิ่งอื่นใดที่มี

คุณสมบัติในการสะท้อนเสียงทิศทางอยู่

(๔) การตั้งไมโครโฟนของมาตรฐานระดับเสียงที่บริเวณภายในอาคารให้ตั้งสูงจากพื้นไม่น้อยกว่า

๑.๒๐ เมตร โดยให้ระดับ ๑.๐๐ เมตร ตามแนวราบรอบไมโครโฟน ต้องไม่มีกำแพงสิ่งอื่นใดที่มีคุณสมบัติในการ

สะท้อนเสียงที่ขวางอยู่และต้องห่างจากช่องหน้าต่างหรือช่องทางที่เป็ออกนอกอาคารอย่างน้อย ๑.๕๐ เมตร

ข้อ ๔ การดำเนินการค่าระดับเสียงจะต้องเป็นไปตามวิธีการที่องค์การระหว่างประเทศว่าด้วยมาตรฐาน (International Organization for Standardization, ISO) กำหนด ซึ่งกรมควบคุมมลพิษจะประกาศในราชกิจจานุเบกษา

ประกาศ ณ วันที่ ๑๒ มีนาคม พ.ศ. ๒๕๔๐

(พลเอกชวลิต ยงใจยุทธ)

นายกรัฐมนตรี

ประธานคณะกรรมการสิ่งแวดล้อมแห่งชาติ

(ประกาศในราชกิจจานุเบกษา เล่ม ๑๑๔ ตอนที่ ๒๗๗ ลงวันที่ ๓ เมษายน ๒๕๔๐)



ประกาศคณะกรรมการควบคุมเสียง

เรื่อง วิธีการตรวจวัดระดับเสียงพื้นฐาน ระดับเสียงขณะไม่มีการรบกวน การตรวจวัดและคำนวณระดับเสียงขณะมีการรบกวน การคำนวณค่าระดับการรบกวน และแบบฉบับที่ทำการตรวจวัดเสียงรบกวน

พ.ศ. ๒๕๖๕

โดยที่เป็นการสมควรปรับปรุงวิธีการตรวจวัดระดับเสียงพื้นฐาน ระดับเสียงขณะไม่มีการรบกวน การตรวจวัดและคำนวณระดับเสียงขณะมีการรบกวน การคำนวณค่าระดับการรบกวน และแบบฉบับที่ทำการตรวจวัดเสียงรบกวน ให้สอดคล้องกับความรู้ความก้าวหน้าทางวิทยาศาสตร์และเทคโนโลยี เพื่อประโยชน์ในการตรวจสอบระดับเสียงให้เป็นไปอย่างมีประสิทธิภาพ

อาศัยอำนาจตามความในข้อ ๓ แห่งประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ ๒๙ (พ.ศ. ๒๕๕๐) เรื่อง ค่าระดับเสียงรบกวน ลงวันที่ ๒๙ มิถุนายน พ.ศ. ๒๕๕๐ คณะกรรมการควบคุมเสียง จึงออกประกาศไว้ ดังต่อไปนี้

ข้อ ๑ ให้ยกเลิกประกาศคณะกรรมการควบคุมเสียง เรื่อง วิธีการตรวจวัดระดับเสียงพื้นฐานระดับเสียงขณะไม่มีการรบกวน การตรวจวัดและคำนวณระดับเสียงขณะมีการรบกวน การคำนวณค่าระดับการรบกวน และแบบฉบับที่ทำการตรวจวัดเสียงรบกวน ลงวันที่ ๓๑ สิงหาคม พ.ศ. ๒๕๕๐

ข้อ ๒ วิธีการตรวจวัดระดับเสียงพื้นฐาน ระดับเสียงขณะไม่มีการรบกวน การตรวจวัดและคำนวณระดับเสียงขณะมีการรบกวน การคำนวณค่าระดับการรบกวน และแบบฉบับที่ทำการตรวจวัดเสียงรบกวนให้เป็นไปตามภาคผนวกท้ายประกาศนี้

ข้อ ๓ ประกาศนี้ให้ใช้บังคับตั้งแต่วันถัดจากวันประกาศในราชกิจจานุเบกษาเป็นต้นไป

ประกาศ ณ วันที่ ๒๑ กันยายน พ.ศ. ๒๕๖๕

จุฑพร บุรุษพันธ์

ปลัดกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม

ประธานกรรมการควบคุมเสียง

ภาคผนวก

ท้ายประกาศคณะกรรมการควบคุมเสียง  
เรื่อง วิธีการตรวจวัดระดับเสียงพื้นฐาน ระดับเสียงขณะไม่มีการรบกวน การตรวจวัดและคำนวณระดับเสียงขณะมีการรบกวน การคำนวณค่าระดับการรบกวน และแบบฉบับที่ทำการตรวจวัดเสียงรบกวน  
พ.ศ. ๒๕๖๕

๑. ในประกาศนี้

“เสียงรบกวน” หมายความว่า ระดับเสียงจากแหล่งกำเนิดในขณะมีการรบกวนที่มีระดับเสียงสูงกว่าระดับเสียงพื้นฐาน โดยมีการรบกวนเกินกว่าระดับเสียงรบกวนที่กำหนดไว้ในประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ ๒๙ (พ.ศ. ๒๕๕๐) เรื่อง ค่าระดับเสียงรบกวน

“ระดับเสียงพื้นฐาน” (Background sound level) หมายความว่า ระดับเสียงที่ตรวจวัดในสิ่งแวดล้อมในขณะยังไม่เกิดเสียงหรือได้รับเสียงจากแหล่งกำเนิดที่ประชาชนร้องเรียนหรือแหล่งกำเนิดที่คาดว่าประชาชนจะได้รับผลกระทบเป็นระดับเสียงเปอร์เซ็นต์ที่ ๙๐ (Percentile Level 90,  $L_{90}$ )

“ระดับเสียงขณะไม่มีการรบกวน” (Residual sound level) หมายความว่า ระดับเสียงที่ตรวจวัดในสิ่งแวดล้อมในขณะยังไม่เกิดเสียงจากแหล่งกำเนิดที่ประชาชนร้องเรียนหรือแหล่งกำเนิดที่คาดว่าประชาชนจะได้รับผลกระทบเป็นระดับเสียงเฉลี่ย (Equivalent A-Weighted Sound Pressure Level,  $L_{Aeq}$ )

“ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด” (Specific sound level) หมายความว่า ระดับเสียงที่ตรวจวัดในสิ่งแวดล้อมในขณะเกิดเสียงจากแหล่งกำเนิดที่ประชาชนร้องเรียนหรือแหล่งกำเนิดที่คาดว่าประชาชนจะได้รับผลกระทบเป็นระดับเสียงเฉลี่ย (Equivalent A-Weighted Sound Pressure Level,  $L_{Aeq}$ )

“ระดับเสียงขณะมีการรบกวน” (Rating level) หมายความว่า ระดับเสียงที่ได้จากการคำนวณจากการระดับเสียงของแหล่งกำเนิด และระดับเสียงขณะไม่มีการรบกวน รวมทั้งบวกเพิ่มระดับเสียงในการคำนวณที่ทำการตรวจวัดเสียงของแหล่งกำเนิดในพื้นที่ที่ต้องการความเงียบสงบ หรือเป็นแหล่งกำเนิดที่ก่อให้เกิดเสียงในช่วงเวลาระหว่าง ๒๒.๐๐ – ๐๖.๐๐ นาฬิกา และในการมีแหล่งกำเนิดเสียงที่ทำให้เกิดเสียงรบกวนเสียงแหลมดัง เสียงที่ก่อให้เกิดความสั่นสะเทือนอย่างใดอย่างหนึ่ง

“เสียงกะแหก” หมายความว่า เสียงที่เกิดจากการตก ตี เคาะ หรือกระทบของวัตถุ หรือลักษณะอื่นใด ซึ่งจะมีระดับเสียงสูงกว่าระดับเสียงทั่วไปในขณะนั้น และเกิดขึ้นในทันทีทันใดและสิ้นสุดลงภายในเวลาสั้นกว่า ๑ วินาที (Impulsive Noise) เช่น การตอกเสาเข็ม การเป็นขีปนาวุธปรักซ์ เป็นต้น

“เสียงแหลมดัง” หมายความว่า เสียงที่เกิดจากการเบียด เสียง สี เสียง หรือวัตถุอย่างใด ๆ ที่เกิดขึ้น ในทันทีทันใด เช่น การใช้สว่านไฟฟ้าเจาะเหล็กหรือปูน การเจียรโลหะ การบีบหรืออัดโลหะโดยเครื่องอัด การขัดชิ้นงานด้วยเครื่องมือกล เป็นต้น

“เสียงที่มีความสั่นสะเทือน” หมายความว่า เสียงความถี่ต่ำ เสียงเครื่องจักร เครื่องดนตรี เครื่องเสียง หรือเครื่องมืออื่นใดที่มีความสั่นสะเทือนเกิดร่วมด้วย เช่น เสียงเบสที่ผ่านเครื่องขยายเสียง เป็นต้น



"ระดับการรบกวน" หมายความว่า ค่าความแตกต่างระหว่างระดับเสียงขณะมีกระบวนการกับระดับเสียงพื้นฐาน

"นาตาระดับเสียง" หมายความว่า เครื่องวัดระดับเสียงตามมาตรฐาน IEC 61672 class 1 ของคณะกรรมการมาตรฐานระหว่างประเทศด้วยเทคนิคไฟฟ้า (International Electrotechnical Commission, IEC) "เครื่องกำเนิดสัญญาณเสียงอ้างอิง" หมายความว่า เครื่องกำเนิดสัญญาณเสียงตามมาตรฐาน IEC 60942 class 1 ของคณะกรรมการระหว่างประเทศด้วยเทคนิคไฟฟ้า (International Electrotechnical Commission, IEC)

## ๒. การเตรียมเครื่องมือก่อนทำการตรวจวัด

๒.๑ ให้ใช้มาตรระดับเสียงที่ได้รับการสอบเทียบในช่วงไม่เกิน ๒ ปี เครื่องกำเนิดสัญญาณเสียงอ้างอิงที่ได้รับการสอบเทียบในช่วงไม่เกิน ๑ ปี โดยห้องปฏิบัติการที่ได้รับการรับรองมาตรฐาน มอก. ๑๓๐๒๕ (ISO 17025) หรือมีความสามารถในการสอบกลับได้ในหัวข้อที่ทำการสอบเทียบ

๒.๒ ให้ปรับเทียบมาตรระดับเสียงกับเครื่องกำเนิดสัญญาณเสียงอ้างอิงตามคู่มือการใช้งาน ที่ผู้ผลิตมาตรระดับเสียงกำหนดไว้ทุกครั้งก่อนที่จะทำการตรวจวัดระดับเสียง และให้ปรับมาตรระดับเสียงได้ด้วยการถ่วงน้ำหนักความถี่แบบ "A" (A Frequency weighting) และการถ่วงน้ำหนักเวลาแบบ "Fast" (Fast Time weighting)

## ๓. การตั้งไมโครโฟนและมาตรระดับเสียง

การตั้งไมโครโฟนของมาตรระดับเสียงให้เป็นไปตามหลักเกณฑ์ดังต่อไปนี้

๓.๑ เป็นบริเวณที่ประชาชนร้องเรียนหรือที่คาดว่าจะได้รับผลกระทบ แต่หากแหล่งกำเนิดเสียงไม่สามารถหยุดกิจกรรมที่เกิดขึ้นได้ ให้ตั้งไมโครโฟนของมาตรระดับเสียงในการตรวจวัดระดับเสียงพื้นฐาน และระดับเสียงขณะไม่มีกระบวนการบริเวณอื่นที่มีสภาพแวดล้อมใกล้เคียง

๓.๒ การตั้งไมโครโฟนของมาตรระดับเสียงที่บริเวณภายนอกอาคาร ให้ตั้งสูงจากพื้นไม่น้อยกว่า ๑.๒ – ๑.๕ เมตร โดยในรัศมี ๓.๔ เมตร ตามแนวราบรอบไมโครโฟน ต้องไม่มีกำแพงหรือสิ่งอื่นใดที่มีคุณสมบัติในการสะท้อนเสียงกีดขวางอยู่

๓.๓ การตั้งไมโครโฟนของมาตรระดับเสียงที่บริเวณภายในอาคาร ให้ตั้งสูงจากพื้นไม่น้อยกว่า ๑.๒ – ๑.๕ เมตร โดยในรัศมี ๑ เมตร ตามแนวราบรอบไมโครโฟน ต้องไม่มีกำแพงหรือสิ่งอื่นใดที่มีคุณสมบัติในการสะท้อนเสียงกีดขวางอยู่ และต้องห่างจากช่องหน้าต่างหรือช่องทางออกอาคารอย่างน้อย ๑.๕ เมตร

## ๔. การตรวจวัดระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกระบวนการ

ให้ตรวจวัดเป็นเวลาไม่น้อยกว่า ๕ นาที ขณะไม่มีเสียงจากแหล่งกำเนิดในช่วงเวลาใดเวลาหนึ่ง ซึ่งสามารถใช้เป็นตัวแทนของระดับเสียงพื้นฐาน และระดับเสียงขณะไม่มีกระบวนการ โดยระดับเสียงพื้นฐานให้วัดเป็นระดับเสียงเปอร์เซ็นต์ที่ ๙๐ (Percentile Level 90,  $L_{90}$ ) ระดับเสียงขณะไม่มีกระบวนการให้วัดเป็นระดับเสียงเฉลี่ย (Equivalent A-Weighted Sound Pressure Level,  $L_{eq}$ ) แบ่งออกเป็น ๓ กรณี ดังนี้

๔.๑ แหล่งกำเนิดเสียงยังไม่เกิดหรือยังไม่มีการดำเนินการดำเนินการ ให้ตรวจวัดระดับเสียงพื้นฐาน และระดับเสียงขณะไม่มีกระบวนการ ในวัน เวลา และตำแหน่งที่คาดว่าจะได้รับการรบกวน

๔.๒ แหล่งกำเนิดเสียงมีการดำเนินการดำเนินการไม่ต่อเนื่อง ให้ตรวจวัดระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกระบวนการ ในวัน เวลา และตำแหน่งที่คาดว่าจะได้รับการรบกวน และเป็นตำแหน่งเดียวกันกับตำแหน่งที่จะมีการวัดระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด โดยให้หยุดกิจกรรมของแหล่งกำเนิดเสียงหรือวัดทันทีก่อนหรือหลังการดำเนินการ

๔.๓ แหล่งกำเนิดเสียงมีการดำเนินการสามารถอย่างต่อเนื่องไม่สามารถหยุดการดำเนินการได้ กิจกรรมระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกระบวนการ ในบริเวณอื่นที่มีสภาพแวดล้อมคล้ายคลึงกับบริเวณที่คาดว่าจะได้รับการรบกวนและไม่ได้รับผลกระทบจากแหล่งกำเนิดเสียง

ทั้งนี้ ระดับเสียงขณะไม่มีกระบวนการที่จะนำไปใช้คำนวณระดับเสียงขณะมีกระบวนการตามข้อ ๔ และระดับเสียงพื้นฐานที่จะนำไปใช้คำนวณค่าระดับเสียงขณะมีกระบวนการ ตามสมการที่ ๑

## ๕. การตรวจวัดและคำนวณระดับเสียงขณะมีกระบวนการ แบ่งออกเป็น ๕ กรณี ดังนี้

๕.๑ กรณีที่เสียงจากแหล่งกำเนิดเกิดขึ้นอย่างต่อเนื่องตั้งแต่ ๑ ชั่วโมงขึ้นไป ให้วัดระดับเสียงขณะเกิดเสียงของแหล่งกำเนิดเป็นระดับเสียงเฉลี่ย (Equivalent A-Weighted Sound Pressure Level) ๑ ชั่วโมง และนำผลการตรวจวัดมาคำนวณระดับเสียงขณะมีกระบวนการ ตามสมการที่ ๑

$$L_{Aeq,T} = [10 \log_{10}(10^{0.1L_{Aeq,Ts}} - 10^{0.1L_{Aeq,Tf}})] + 10 \log_{10}\left(\frac{T}{T_s}\right) \text{ สมการที่ ๑}$$

โดย  $L_{Aeq,T}$  = ระดับเสียงขณะมีกระบวนการ (มีหน่วยเป็น เดซิเบลเอ)

$L_{Aeq,Ts}$  = ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (มีหน่วยเป็น เดซิเบลเอ)

$L_{Aeq,Tf}$  = ระดับเสียงขณะไม่มีกระบวนการ (มีหน่วยเป็น เดซิเบลเอ)

$T_s$  = ระยะเวลาของช่วงเวลาที่แหล่งกำเนิดเกิดเสียง (มีหน่วยเป็น นาที)

$T$  = ระยะเวลาอ้างอิงที่กำหนดขึ้นเพื่อใช้ในการคำนวณระดับเสียงขณะมีกระบวนการ โดย

- ถ้าเป็นแหล่งกำเนิดที่ก่อให้เกิดเสียงในช่วงเวลา ๐๖.๐๐ – ๒๒.๐๐ นาฬิกา

กำหนดให้มีค่าเท่ากับ ๖๐ นาที

- ถ้าบริเวณที่ทำการตรวจวัดระดับเสียงเป็นพื้นที่ที่ต้องการความเงียบสงบ

หรือเป็นแหล่งกำเนิดที่ก่อให้เกิดเสียงในช่วงเวลา ๒๒.๐๐ – ๐๖.๐๐ นาฬิกา

กำหนดให้มีค่าเท่ากับ ๕ นาที

๕.๒ กรณีที่เสียงจากแหล่งกำเนิดเกิดขึ้นอย่างต่อเนื่องแต่ไม่ถึง ๑ ชั่วโมง ให้วัดระดับเสียงขณะเกิดเสียงของแหล่งกำเนิดตั้งแต่เริ่มสังเกตการณ์กิจกรรมนั้น ๆ เป็นระดับเสียงเฉลี่ย (Equivalent A-Weighted Sound Pressure Level) และนำผลการตรวจวัดมาคำนวณระดับเสียงขณะมีกระบวนการตามสมการที่ ๑



๔.๓ กรณีเสียงจากแหล่งกำเนิดเกิดขึ้นอย่างไม่ต่อเนื่องและเกิดขึ้นมากกว่า ๑ ช่วงเวลา โดยแต่ละช่วงเวลาก่อให้เกิดขึ้นไม่ถึง ๑ ชั่วโมง ให้วัดระดับเสียงขณะเกิดเสียงของแหล่งกำเนิดเป็นระดับเสียงเฉลี่ย (Equivalent A-Weighted Sound Pressure Level) ทุกช่วงเวลาที่เกิดขึ้นในเวลา ๑ ชั่วโมง และให้คำนวณ ระดับเสียงขณะมีกระบวนการตามลำดับ ดังนี้

(ก) คำนวณระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด ตามสมการที่ ๒

$$L_{Aeq,Ts} = 10 \log_{10} \left\{ \left( \frac{1}{T_s} \right) \sum_i T_i 10^{0.1 L_{Aeq,Ti}} \right\} \quad \text{สมการที่ ๒}$$

โดย  $L_{Aeq,Ts}$  = ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (มีหน่วยเป็น เดซิเบลเอ)

$$T_s = \sum_i T_i \quad (\text{มีหน่วยเป็น นาที})$$

$L_{Aeq,Ti}$  = ระดับเสียงที่ตรวจวัดได้ในช่วงที่แหล่งกำเนิดเกิดเสียงในช่วงเวลา  $T_i$ , (มีหน่วยเป็น เดซิเบลเอ)

$T_i$  = ระยะเวลาของช่วงเวลาที่แหล่งกำเนิดเกิดเสียงที่  $i$ , (มีหน่วยเป็น นาที)

(ข) นำผลที่ได้จากการคำนวณตามข้อ ๔ (๑) (ก) มาคำนวณเพื่อหาระดับเสียงขณะมีกระบวนการ

ตามสมการที่ ๑

๔.๔ กรณีบริเวณที่จะทำการตรวจวัดเสียงของแหล่งกำเนิดเป็นพื้นที่ต้องการความเงียบสงบ เช่น โรงพยาบาล โรงเรียน ศาลากลาง หอสมุด หรือสถานที่อย่างอื่นที่มีลักษณะที่นอนเดียวกัน หรือเป็นแหล่งกำเนิด ที่ก่อให้เกิดเสียงในช่วงเวลาระหว่าง ๒๒.๐๐ - ๐๖.๐๐ นาฬิกา ให้วัดระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด เป็นระดับเสียงเฉลี่ย (Equivalent A-Weighted Sound Pressure Level) ๕ นาที และคำนวณระดับเสียงขณะมีกระบวนการ ตามสมการที่ ๑ และบวกเพิ่มด้วย ๓ เดซิเบลเอ

๔.๕ กรณีแหล่งกำเนิดเสียงที่ทำให้เกิดเสียงกระทบ เสียงแหลมดัง เสียงที่ก่อให้เกิดความสั่นสะเทือน อย่างใดอย่างหนึ่งแล้วได้รับผลกระทบจากเสียงนั้น ไม่ว่าเสียงที่เกิดขึ้นจะต่อเนื่องหรือไม่ก็ตาม ให้วัดระดับเสียง ขณะมีกระบวนการตามข้อ ๔.๑, ๔.๒, ๔.๓ หรือ ๔.๔ แล้วแต่กรณี บวกเพิ่มด้วย ๕ เดซิเบลเอ

## ๒. วิธีการคำนวณระดับการรบกวน

ให้วัดระดับเสียงขณะมีกระบวนการตามข้อ ๔ หักออกด้วยระดับเสียงพื้นฐาน ตามข้อ ๔ ผลลัพธ์ เป็นค่าระดับการรบกวน

ผลลัพธ์เป็นตัวเลขทศนิยม ๑ ตำแหน่ง และการปัดเศษทศนิยมให้เป็นไปตามมาตรฐาน ผลิตรหัสผู้ทดสอบ มอก. ๙๒๙ - ๒๕๓๓ ดังนี้

๒.๑ ถ้าเศษตัวแรกมีค่าน้อยกว่า ๕ ให้ปัดเศษทิ้ง และคงตัวเลขตัวสุดท้ายในตำแหน่งที่ต้องการ คงไว้

๒.๒ ถ้าเศษตัวแรกมีค่ามากกว่า ๕ หรือเท่ากับ ๕ แล้วตามด้วยเลขอื่นที่ไม่ใช่ ๐ ทั้งหมด ให้ปัดเศษขึ้น คือ เพิ่มค่าของตัวเลขตัวสุดท้ายในตำแหน่งที่ต้องการคงไว้ขึ้นอีก ๑

๒.๓ ถ้าเศษตัวแรกมีค่าเท่ากับ ๕ โดยไม่มีเลขอื่นต่อท้าย หรือเท่ากับ ๕ แล้วตามด้วย ๐ ทั้งหมด ให้ปัดเศษขึ้น

(ก) เมื่อคำนวณตัวเลขสุดท้ายในด้านแหล่งที่ต้องการคงไว้เป็นเลขที่ ให้เพิ่มค่าของตัวเลขขึ้นอีก ๑

(ข) เมื่อตัวเลขตัวสุดท้ายในตำแหน่งที่ต้องการคงไว้เป็นเลขคู่หรือ ๐ ให้ปัดเศษทิ้ง

## ๗. แบบบันทึกการตรวจวัดเสียงรบกวน

ให้ผู้ตรวจวัดบันทึก

๗.๑ ชื่อ สกุล ตำแหน่งของผู้ตรวจวัด

๗.๒ ลักษณะเสียงและช่วงเวลาที่เสียงรบกวนเกิดขึ้น

๗.๓ สถานที่ วัน และเวลาการตรวจวัดเสียง

๗.๔ ผลการตรวจวัดและคำนวณระดับเสียง

๗.๕ สรุปผล

ทั้งนี้ ผู้ตรวจวัดอาจจัดทำแบบบันทึกการตรวจวัดเสียงรบกวนรูปแบบอื่นที่มีเนื้อหาไม่น้อยกว่า

ที่กำหนดไว้



แบบบันทึกการตรวจวัดเสียงรบกวน

ชื่อสถานที่ประกอบการ/โรงงาน/เจ้าของ	
ลักษณะเสียงของแหล่งกำเนิด <input type="radio"/> เสียงเกิดขึ้นต่อเนื่องตั้งแต่ ๑ ชั่วโมงขึ้นไป <input type="radio"/> เสียงเกิดขึ้นต่อเนื่องไม่ถึง ๑ ชั่วโมง <input type="radio"/> เสียงเกิดขึ้นไม่ต่อเนื่อง และเกิดขึ้นมากกว่า ๑ ช่วงเวลา แต่ละช่วงเวลาเกิดขึ้นไม่ถึง ๑ ชั่วโมง <input type="radio"/> มีเสียงระยะไกล เสียงแหลมสั้น เสียงที่มีความถี่สูงเกิน อย่างใดอย่างหนึ่ง (ระบุ) .....	
ช่วงเวลา/วันที่ที่เกิดเสียง <input type="radio"/> กลางวัน (๐๖.๐๐-๒๐.๐๐ น.) <input type="radio"/> กลางคืน (๒๒.๐๐-๐๖.๐๐ น.) <input type="radio"/> ทั้งที่ต้องการความเงียบสงบ (ระบุ) .....	
เครื่องมือตรวจวัดและปรับเทียบ มาตรระดับเสียง ยี่ห้อ ..... รุ่น ..... มাত্রฐาน IEC ..... Class ..... หมายเลขเครื่อง ..... เครื่องกำเนิดสัญญาณเสียงอ้างอิง ยี่ห้อ ..... รุ่น ..... มাত্রฐาน IEC ..... Class ..... หมายเลขเครื่อง .....	
สถานที่ วัด และเวลาการตรวจวัดเสียง การตรวจวัดระดับเสียงพื้นฐาน และระดับเสียงขณะไม่มีการรบกวน สถานที่ .....	
การตรวจวัดระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด สถานที่ .....	
สภาพแวดล้อมของสถานที่ตรวจวัด สถานที่ .....	
ผลการตรวจวิเคราะห์เสียง ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด ..... เดซิเบลเอ ..... ระดับเสียงขณะไม่มีการรบกวน ..... เดซิเบลเอ ..... ระดับเสียงพื้นฐาน ..... เดซิเบลเอ ..... สรุปผล <input type="radio"/> เป็นเสียงรบกวน (มากกว่า ๑๐ เดซิเบลเอ) <input type="radio"/> ไม่เป็นเสียงรบกวน ความเห็น/ ข้อเสนอแนะ .....	
( ..... ) ตำแหน่ง ..... ผู้ตรวจวัดและบันทึกผล	( ..... ) ตำแหน่ง ..... ผู้ตรวจสอบข้อมูล





## ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ

ฉบับที่ ๘ (พ.ศ. ๒๕๓๗)

### ออกตามความในพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ

พ.ศ. ๒๕๓๕

#### เรื่อง กำหนดมาตรฐานคุณภาพน้ำในแหล่งน้ำผิวดิน

อาศัยอำนาจตามความในมาตรา ๓๒ (๑) แห่งพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ คณะกรรมการสิ่งแวดล้อมแห่งชาติประกาศกำหนดมาตรฐานคุณภาพน้ำในแหล่งน้ำผิวดิน ไว้ดังต่อไปนี้

หมวด ๑

บททั่วไป

#### ข้อ ๑ ในประกาศนี้

"แหล่งน้ำผิวดิน" หมายถึง แม่น้ำ ลำคลอง หนอง บึง ทะเลสาบ อ่างเก็บน้ำ และแหล่งน้ำสาธารณะอื่นๆ ที่อยู่ภายในพื้นแผ่นดิน ซึ่งหมายความรวมถึงแหล่งน้ำสาธารณะที่อยู่ภายในสิ้นแผ่นดินบนเกาะด้วย แต่ไม่รวมถึงน้ำบาดาล และในกรณีแหล่งน้ำนั้นอยู่ติดกับทะเลให้หมายความถึงแหล่งน้ำที่อยู่ภายในปากแม่น้ำหรือปากทะเลสาบ

ปากแม่น้ำและปากทะเลสาบให้ถือแนวเขตตามที่มีการจัดทำกำหนด

หมวด ๒

#### ประเภทและมาตรฐานคุณภาพน้ำในแหล่งน้ำผิวดิน

ข้อ ๒ ให้แบ่งแหล่งน้ำผิวดินออกเป็น ๕ ประเภทคือ แหล่งน้ำประเภทที่ ๑ แหล่งน้ำประเภทที่ ๒ แหล่งน้ำประเภทที่ ๓ แหล่งน้ำประเภทที่ ๔ และแหล่งน้ำประเภทที่ ๕

(๑) แหล่งน้ำประเภทที่ ๑ ได้แก่ แหล่งน้ำที่คุณภาพน้ำมีสภาพตามธรรมชาติโดยปราศจากน้ำทั้งจากกิจกรรมทุกประเภทและสามารถเป็นประโยชน์เพื่อ

(ก) การอุปโภคและบริโภคโดยตรงผ่านการฆ่าเชื้อโรคตามปกติก่อน

(ข) การขยายพันธุ์ตามธรรมชาติของสิ่งมีชีวิตระดับพื้นฐาน

(ค) การอนุรักษ์ระบบนิเวศน์ของแหล่งน้ำ

(๒) แหล่งน้ำประเภทที่ ๒ ได้แก่ แหล่งน้ำที่ได้รับน้ำทั้งจากกิจกรรมบางประเภทและสามารถเป็นประโยชน์เพื่อ

(ก) การอุปโภคและบริโภคโดยตรงผ่านการฆ่าเชื้อโรคตามปกติและผ่านกระบวนการปรับปรุงคุณภาพน้ำทั่วไปก่อน

(ข) การอนุรักษ์สัตว์น้ำ

(ค) การประมง

(ง) การว่ายน้ำและกีฬาทางน้ำ

(๓) แหล่งน้ำประเภทที่ ๓ ได้แก่ แหล่งน้ำที่ได้รับน้ำทั้งจากกิจกรรมบางประเภทและสามารถเป็นประโยชน์เพื่อ

(ก) การอุปโภคและบริโภคโดยตรงผ่านการฆ่าเชื้อโรคตามปกติและผ่านกระบวนการปรับปรุงคุณภาพน้ำทั่วไปก่อน

(ข) การเกษตร

(๔) แหล่งน้ำประเภทที่ ๔ ได้แก่ แหล่งน้ำที่ได้รับน้ำทั้งจากกิจกรรมบางประเภทและสามารถเป็นประโยชน์เพื่อ

(ก) การอุปโภคและบริโภคโดยตรงผ่านการฆ่าเชื้อโรคตามปกติและผ่านกระบวนการปรับปรุงคุณภาพน้ำเป็นพิเศษก่อน

(ข) การอุตสาหกรรม



(๕) แหล่งน้ำประเภทที่ ๕ ได้แก่ แหล่งน้ำที่ได้รับน้ำทิ้งจากกิจกรรมบางประเภท และสามารถเป็นประโยชน์เพื่อการคมนาคม

ข้อ ๓ คุณภาพน้ำในแหล่งน้ำประเภทที่ ๑ ต้องมีสภาพตามธรรมชาติ และสามารถให้ประโยชน์ได้ตามข้อ ๒ (๑)

ข้อ ๔ คุณภาพน้ำในแหล่งน้ำประเภทที่ ๒ ต้องมีมาตรฐานดังต่อไปนี้

(๑) ไม่มีวัตถุหรือสิ่งของที่เกิดจากการกระทำของมนุษย์ซึ่งจะทำให้ สัตว์กินและรสนของน้ำเปลี่ยนไปตามธรรมชาติ

(๒) อุณหภูมิ (Temperature) ไม่สูงกว่าอุณหภูมิตามธรรมชาติเกิน ๓ องศาเซลเซียส

(๓) ความเป็นกรดและด่าง (pH) มีค่าระหว่าง ๕.๐-๘.๐

(๔) ออกซิเจนละลาย (DO) มีค่าไม่น้อยกว่า ๖.๐ มิลลิกรัมต่อลิตร

(๕) บีโอดี (BOD) มีค่าไม่เกินกว่า ๑.๕ มิลลิกรัมต่อลิตร

(๖) แบคทีเรียกลุ่มโคลิฟอร์มทั้งหมด (Total Coliform Bacteria) มีค่าไม่เกินกว่า ๕,๐๐๐ เอ็ม.พี.เอ็น. ต่อ ๑๐๐ มิลลิลิตร

(๗) แบคทีเรียกลุ่มฟีคอล โคลิฟอร์ม (Fecal Coliform Bacteria) มีค่าไม่เกินกว่า ๑,๐๐๐ เอ็ม.พี.เอ็น. ต่อ ๑๐๐ มิลลิลิตร

(๘) ไนเตรด (NO<sub>3</sub>) ในหน่วยไนโตรเจน มีค่าไม่เกินกว่า ๕.๐ มิลลิกรัมต่อลิตร

(๙) แอมโมเนีย (NH<sub>3</sub>) ในหน่วยไนโตรเจน มีค่าไม่เกินกว่า ๐.๕ มิลลิกรัมต่อลิตร

(๑๐) ฟีนอล (Phenols) มีค่าไม่เกินกว่า ๐.๐๐๕ มิลลิกรัมต่อลิตร

(๑๑) ทองแดง (Cu) มีค่าไม่เกินกว่า ๐.๑ มิลลิกรัมต่อลิตร

(๑๒) นิกเกิล (Ni) มีค่าไม่เกินกว่า ๐.๑ มิลลิกรัมต่อลิตร

(๑๓) แมงกานีส (Mn) มีค่าไม่เกินกว่า ๑.๐ มิลลิกรัมต่อลิตร

(๑๔) สังกะสี (Zn) มีค่าไม่เกินกว่า ๑.๐ มิลลิกรัมต่อลิตร

(๑๕) แคดเมียม (Cd) ในน้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> ไม่เกินกว่า ๑๐๐ มิลลิกรัมต่อลิตร มีค่าไม่เกินกว่า ๐.๐๐๕ มิลลิกรัมต่อลิตร และในน้ำที่มีความกระด้างในรูปของ CaCO<sub>3</sub> เกินกว่า ๑๐๐ มิลลิกรัมต่อลิตร มีค่าไม่เกินกว่า ๐.๐๕ มิลลิกรัมต่อลิตร

(๑๖) โครเมียมชนิดเฮกซะวาเลนต์ (Cr Hexavalent) มีค่าไม่เกินกว่า ๐.๐๕ มิลลิกรัมต่อลิตร

(๑๗) ตะกั่ว (Pb) มีค่าไม่เกิน ๐.๐๕ มิลลิกรัมต่อลิตร

(๑๘) พรอททั้งหมด (Total Hg) มีค่าไม่เกินกว่า ๐.๐๑๒ มิลลิกรัมต่อลิตร

(๑๙) สารหนู (As) มีค่าไม่เกินกว่า ๐.๐๑ มิลลิกรัมต่อลิตร

(๒๐) ไซยาไนด์ (Cyanide) มีค่าไม่เกินกว่า ๐.๐๐๕ มิลลิกรัมต่อลิตร

(๒๑) กัมมันตภาพรังสี (Radioactivity) มีค่ารังสีแอลฟา (Alpha) ไม่เกินกว่า ๐.๑ เบคเคอเรลต่อลิตร และรังสีเบตา (Beta) ไม่เกินกว่า ๑.๐ เบคเคอเรลต่อลิตร

(๒๒) สารฆ่าศัตรูพืชและสัตว์ชนิดที่มีคลอรีนทั้งหมด (Total Organochlorine Pesticides) มีค่าไม่เกินกว่า ๐.๐๕ มิลลิกรัมต่อลิตร

(๒๓) ดีดีที (DDT) มีค่าไม่เกินกว่า ๑.๐ ไมโครกรัมต่อลิตร

(๒๔) บีเอชซีชนิดแอลฟา (Alpha-BHC) มีค่าไม่เกินกว่า ๐.๐๒ ไมโครกรัมต่อลิตร

(๒๕) ดีดีตรีน (Dieldrin) มีค่าไม่เกินกว่า ๐.๑ ไมโครกรัมต่อลิตร

(๒๖) อัลดริน (Aldrin) มีค่าไม่เกินกว่า ๐.๑ ไมโครกรัมต่อลิตร

(๒๗) เฮปตาคลออร์ (Heptachlor) และเฮปตาคลออร์อีพอกไซด์ (Heptachlor epoxide) มีค่าไม่เกินกว่า ๐.๒ ไมโครกรัมต่อลิตร

(๒๘) เอนดริน (Endrin) ไม่สามารถตรวจพบได้ตามวิธีการตรวจสอบที่กำหนด ข้อ ๕ คุณภาพน้ำในแหล่งน้ำประเภทที่ ๓ ต้องมีมาตรฐานตาม ข้อ ๕ เว้นแต่

(๑) ออกซิเจนละลาย มีค่าไม่น้อยกว่า ๔.๐ มิลลิกรัมต่อลิตร

(๒) บีโอดี มีค่าไม่เกินกว่า ๒.๐ มิลลิกรัมต่อลิตร

(๓) แบคทีเรียกลุ่มโคลิฟอร์มทั้งหมด มีค่าไม่เกินกว่า ๒๐,๐๐๐ เอ็ม.พี.เอ็น. ต่อ ๑๐๐ มิลลิลิตร

(๔) แบคทีเรียกลุ่มฟีคอล โคลิฟอร์ม มีค่าไม่เกินกว่า ๔,๐๐๐ เอ็ม.พี.เอ็น. ต่อ ๑๐๐ มิลลิลิตร

ข้อ ๖ คุณภาพน้ำในแหล่งน้ำประเภทที่ ๔ ต้องมีมาตรฐานตามข้อ ๕ (๑) ถึง (๕) และ (๘) ถึง (๒๘) เว้นแต่

(๑) ออกซิเจนละลาย มีค่าไม่น้อยกว่า ๒.๐ มิลลิกรัมต่อลิตร



(๒) บีโอดี มีค่าไม่เกินกว่า ๔.๐ มิลลิกรัมต่อลิตร

ข้อ ๗ คุณภาพน้ำในแหล่งน้ำประเภทที่ ๕ ต้องมีมาตรฐานต่ำกว่าคุณภาพน้ำ ในแหล่งน้ำประเภทที่ ๔

ข้อ ๘ การกำหนดให้แหล่งน้ำผิวดินแหล่งใดแหล่งหนึ่งเป็นประเภทใดตามข้อ ๒ ให้เป็นไปตามที่กรมควบคุมมลพิษประกาศในราชกิจจานุเบกษา

หมวด ๓

### วิธีการเก็บตัวอย่างและตรวจสอบคุณภาพน้ำในแหล่งน้ำผิวดิน

ข้อ ๙ การเก็บตัวอย่างน้ำเพื่อตรวจสอบคุณภาพตามข้อ ๓ ถึง ข้อ ๗ ให้ใช้วิธีการดังต่อไปนี้

(๑) แหล่งน้ำไหล ซึ่งได้แก่ แม่น้ำ ลำคลอง เป็นต้น ให้เก็บที่จุดกึ่งกลางความกว้างของแหล่งน้ำที่ระดับกึ่งกลางความลึก ณ จุดตรวจสอบ เว้นแต่กรณีที่เรียกกลุ่มโคลิฟอร์มทั้งหมดและแบคทีเรียกลุ่มฟีคอลโคลิฟอร์ม ให้เก็บที่ระดับความลึก ๓๐ เซนติเมตร ณ จุดตรวจสอบ

(๒) แหล่งน้ำนิ่ง ซึ่งได้แก่ ทะเลสาบ หนอง บึง อ่างเก็บน้ำ เป็นต้น ให้เก็บที่ระดับความลึก ๑ เมตร ณ จุดตรวจสอบสำหรับแหล่งน้ำที่มีความลึกเกินกว่า ๒ เมตร และในกรณีที่จุดกึ่งกลางความลึก ณ จุดตรวจสอบสำหรับแหล่งน้ำที่มีความลึกไม่เกิน ๒ เมตร เว้นแต่แบคทีเรียกลุ่มโคลิฟอร์มทั้งหมดและแบคทีเรียกลุ่มฟีคอลโคลิฟอร์ม ให้เก็บที่ระดับความลึก ๓๐ เซนติเมตร ณ จุดตรวจสอบ

จุดตรวจสอบตาม (๑) และ (๒) ของแหล่งน้ำที่กำหนดตามข้อ ๘ ให้เป็นไปตามที่กรมควบคุมมลพิษกำหนด

ข้อ ๑๐ การตรวจสอบคุณภาพน้ำตามข้อ ๓ ถึงข้อ ๗ ให้ใช้วิธีการดังต่อไปนี้

(๑) การตรวจสอบอุณหภูมิ ให้ใช้เครื่องวัดอุณหภูมิ (Thermometer) วัดขณะทำการเก็บตัวอย่างน้ำ

(๒) การตรวจสอบค่าความเป็นกรดและด่าง ให้ใช้เครื่องวัดความเป็นกรดและด่างของน้ำ (pH meter) ตามวิธีการหาค่าแบบอิเล็กโตรเมตริก (Electrometric)

(๓) การตรวจสอบค่าออกซิเจนละลาย ให้ใช้วิธีอะไซด์โมดิฟิเคชัน (Azide Modification)

๒๓๘

(๔) การตรวจสอบค่าบีโอดี ให้ใช้วิธีอะไซด์โมดิฟิเคชัน (Azide Modification) ที่อุณหภูมิ ๒๐ องศาเซลเซียส เป็นเวลา ๕ วันติดต่อกัน

(๕) การตรวจสอบค่าแบคทีเรียกลุ่มฟีคอลโคลิฟอร์มทั้งหมดและค่าแบคทีเรียกลุ่มฟีคอลโคลิฟอร์ม ให้ใช้วิธีมัลติเพล็ท ทิวป์ เพอร์เมเนเตชัน เทคนิค (Multiple Tube Fermentation Technique)

(๖) การตรวจสอบค่าไนเตรตในหน่วยไนโตรเจน ให้ใช้วิธีแคดเมียมรีดักชัน (Cadmium Reduction)

(๗) การตรวจสอบค่าแอมโมเนียในหน่วยไนโตรเจน ให้ใช้วิธีดีสทิลเลชันเนสเซลเลอร์ไรเซชัน (Distillation Nesslerization)

(๘) การตรวจสอบค่าฟีนอล ให้ใช้วิธีดีสทิลเลชัน ๔ - อะมิโนแอนติไพรีน (Distillation, 4-Amino antipyrine)

(๙) การตรวจสอบค่าทองแดง นิกเกิล แมงกานีส สังกะสี แคดเมียมโครเมียมชนิดอีกวาเลนต์ และตะกั่ว ให้ใช้วิธีอะตอมมิก แอซอพชั่น ไดเร็ก แอสไพเรชัน (Atomic Absorption - Direct Aspiration)

(๑๐) การตรวจสอบค่าปรอททั้งหมด ให้ใช้วิธีอะตอมมิก แอซอพชั่น โกลด์เวเปอร์ เทคนิค (Atomic Absorption-Cold Vapour Technique)

(๑๑) การตรวจสอบค่าสารหนู ให้ใช้วิธีอะตอมมิก แอซอพชั่น แก๊สไฮโดรไรด์ (Atomic Absorption - Gaseous Hydride)

(๑๒) การตรวจสอบค่าไซยาไนด์ ให้ใช้วิธีไพรีดิน บาร์บิตูริก แอซิด (Pyridine - Barbituric Acid)

(๑๓) การตรวจสอบค่ากัมมันตภาพรังสี ให้ใช้วิธีโลว์ แบ็คกราวด์พร็อพอร์ชันนอล เคาน์เตอร์ (Low Background Proportional Counter)

(๑๔) การตรวจสอบค่าสารฆ่าศัตรูพืชและสัตว์ชนิดที่มีคลอรีนทั้งหมด ดีดีที มีอพซิทไดเอลฟา คิลดริน อัลดริน เฮปตาคลอริปอ็อกไซด์ และเอนดริน ให้ใช้วิธีแก๊สโครมาโตกราฟี (Gas - Chromatography)

ข้อ ๑๑ การตรวจสอบค่าออกซิเจนละลาย ให้ใช้ค่าเปอร์เซ็นต์ไทด์ที่ ๒๐ (20<sup>th</sup> Percentile Value) ส่วนการตรวจสอบค่าบีโอดี แบคทีเรียกลุ่มฟีคอลโคลิฟอร์มทั้งหมด และแบคทีเรียกลุ่มฟีคอลโคลิฟอร์ม ให้ใช้ค่าเปอร์เซ็นต์ไทด์ที่ ๘๐ โดยจำนวนและระยะเวลาสำหรับการเก็บตัวอย่างน้ำดังกล่าว ให้เป็นไปตามที่กรมควบคุมมลพิษกำหนด

๒๓๙



ข้อ ๑๒ การเก็บตัวอย่างน้ำตามข้อ ๘ และการตรวจสอบคุณภาพน้ำตามข้อ ๑๐ จะต้องเป็นไปตามวิธีการมาตรฐานสำหรับการวิเคราะห์น้ำและน้ำเสีย (Standard Methods for Examination of Water and Wastewater) ซึ่ง American Public Health Association และ American Water Works Association กับ Water Pollution Control Federation ของสหรัฐอเมริกา ร่วมกันกำหนดไว้ด้วย

ประกาศ ณ วันที่ ๒๐ มกราคม พ.ศ. ๒๕๓๗

ชวน หลีกภัย

นายกรัฐมนตรี

ประธานคณะกรรมการสิ่งแวดล้อมแห่งชาติ

(ประกาศในราชกิจจานุเบกษา เล่ม ๑๑๑ ตอนที่ ๑๖ ง วันที่ ๒๔ กุมภาพันธ์ ๒๕๓๗)



### ประกาศกระทรวงอุตสาหกรรม

เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน

พ.ศ. ๒๕๖๐

โดยที่เป็นการสมควรปรับปรุงการกำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากการประกอบกิจการโรงงาน เพื่อให้มีมาตรฐานและวิธีการตรวจสอบน้ำทิ้งจากโรงงานให้เหมาะสมและเป็นไปตามมาตรฐานสากล รวมถึงเป็นการควบคุมการระบายน้ำทิ้งจากโรงงาน อุตสาหกรรมตามความในข้อ ๑๔ แห่งกฎกระทรวงฉบับที่ ๒ (พ.ศ. ๒๕๓๕) ออกตามความในพระราชบัญญัติโรงงาน พ.ศ. ๒๕๒๕ ที่ระบุว่า “ห้ามระบายน้ำทิ้งออกจากโรงงาน เว้นแต่ได้ทำการอย่างหนึ่งหรือหลายอย่างน้ำทิ้งนั้นมีลักษณะเป็นไปตามที่รัฐมนตรีกำหนดโดยประกาศในราชกิจจานุเบกษา แต่หึ่งนี้ต้องไม่ใช้วิธีทำให้เจือจาง (dilution)” รัฐมนตรีว่าการกระทรวงอุตสาหกรรมจึงออกประกาศ ดังต่อไปนี้

ข้อ ๑ ประกาศนี้เรียกว่า “ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงาน พ.ศ. ๒๕๖๐”

ข้อ ๒ ประกาศนี้ใช้บังคับตั้งแต่วันนี้ที่ ๗ มิถุนายน พ.ศ. ๒๕๖๐ เป็นต้นไป

ข้อ ๓ ให้ยกเลิกประกาศกระทรวงอุตสาหกรรม ฉบับที่ ๒ (พ.ศ. ๒๕๓๕) ออกตามความในพระราชบัญญัติโรงงาน พ.ศ. ๒๕๓๕ เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน ลงวันที่ ๑๔ มิถุนายน พ.ศ. ๒๕๓๕

ข้อ ๔ ในประกาศนี้

“โรงงาน” หมายความว่า โรงงานจำพวกที่ ๑ จำพวกที่ ๒ จำพวกที่ ๓ ตามกฎหมายว่าด้วยโรงงาน

“น้ำทิ้ง” หมายความว่า น้ำที่เกิดจากการประกอบกิจการโรงงาน น้ำจากการใช้น้ำของคนงาน หรือน้ำจากกิจกรรมอื่นในโรงงาน ที่ละลายออกจากโรงงาน หรือเศษประกอบการอุตสาหกรรม

ข้อ ๕ มาตรฐานน้ำทิ้ง ต้องมีคุณภาพ ดังต่อไปนี้

๕.๑ ความเป็นกรดและด่าง (pH) ตั้งแต่ ๕.๕ ถึง ๙.๐

๕.๒ อุณหภูมิ (Temperature) ไม่เกิน ๔๐ องศาเซลเซียส

๕.๓ สี (Color) ไม่เกิน ๓๐๐ เอ็ดเอ็มไอ

๕.๔ ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids หรือ TDS) มีค่าดังนี้

(๑) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน ๓,๐๐๐ มิลลิกรัมต่อลิตร

(๒) กรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า ๓,๐๐๐ มิลลิกรัมต่อลิตร ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายจะต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน ๕,๐๐๐ มิลลิกรัมต่อลิตร

- ๕.๕ ของแข็งแขวนลอยทั้งหมด (Total Suspended Solids) ไม่เกิน ๕๐ มิลลิกรัมต่อลิตร
- ๕.๖ บิโอดี (Biochemical Oxygen Demand) ไม่เกิน ๒๐ มิลลิกรัมต่อลิตร
- ๕.๗ ซีไอดี (Chemical Oxygen Demand) ไม่เกิน ๑๒๐ มิลลิกรัมต่อลิตร
- ๕.๘ ซัลไฟด์ (Sulfide) ไม่เกิน ๑ มิลลิกรัมต่อลิตร
- ๕.๙ ไซยาไนด์ (Cyanides CN) ไม่เกิน ๐.๒ มิลลิกรัมต่อลิตร
- ๕.๑๐ น้ำมันและไขมัน (Oil and Grease) ไม่เกิน ๕ มิลลิกรัมต่อลิตร
- ๕.๑๑ ฟอร์มาลดีไฮด์ (Formaldehyde) ไม่เกิน ๑ มิลลิกรัมต่อลิตร
- ๕.๑๒ สารประกอบฟีนอล (Phenols) ไม่เกิน ๑ มิลลิกรัมต่อลิตร
- ๕.๑๓ คลอรีนอิสระ (Free Chlorine) ไม่เกิน ๑ มิลลิกรัมต่อลิตร
- ๕.๑๔ สารฆ่าศัตรูพืชและสัตว์ (Pesticide) ต้องตรวจไม่พบ
- ๕.๑๕ ที่เคเอ็น (Total Kjeldahl Nitrogen) ไม่เกิน ๑๐๐ มิลลิกรัมต่อลิตร
- ๕.๑๖ โลหะหนัก มีค่าดังนี้

(๑) สังกะสี (Zn) ไม่เกิน ๕.๐ มิลลิกรัมต่อลิตร

(๒) โครเมียมเฮกซะวาเลนท์ (Hexavalent Chromium) ไม่เกิน ๐.๒๕

มิลลิกรัมต่อลิตร

(๓) โครเมียมไตรวาเลนท์ (Trivalent Chromium) ไม่เกิน ๐.๗๕

มิลลิกรัมต่อลิตร

(๔) สารหนู (As) ไม่เกิน ๐.๒๕ มิลลิกรัมต่อลิตร

(๕) ทองแดง (Cu) ไม่เกิน ๒.๐ มิลลิกรัมต่อลิตร

(๖)ปรอท (Hg) ไม่เกิน ๐.๐๐๕ มิลลิกรัมต่อลิตร

(๗) แคดเมียม (Cd) ไม่เกิน ๐.๐๓ มิลลิกรัมต่อลิตร

(๘) แบเรียม (Ba) ไม่เกิน ๑.๐ มิลลิกรัมต่อลิตร

(๙) ซีลีเนียม (Se) ไม่เกิน ๐.๐๒ มิลลิกรัมต่อลิตร

(๑๐) ตะกั่ว (Pb) ไม่เกิน ๐.๒ มิลลิกรัมต่อลิตร

(๑๑) นิกเกิล (Ni) ไม่เกิน ๑.๐ มิลลิกรัมต่อลิตร

(๑๒) แมงกานีส (Mn) ไม่เกิน ๕.๐ มิลลิกรัมต่อลิตร

ข้อ ๖ การตรวจสอบค่ามาตรฐานนี้ตั้งจากโรงงาน ตามข้อ ๕ ให้ใช้วิธีดังต่อไปนี้

๖.๑ ความเป็นกรดและด่าง ให้ใช้เครื่องวัดความเป็นกรดและด่างของน้ำ (pH Meter) ที่มีความละเอียดไม่ต่ำกว่า ๐.๑ หน่วย

๖.๒ อุณหภูมิ ให้ใช้เครื่องวัดอุณหภูมิวัดขณะทำการเก็บตัวอย่าง



- ๖.๓ สี ให้ใช้วิธีดีเอ็มโอ (ADM Method)
- ๖.๔ ของแข็งละลายน้ำทั้งหมด ให้ใช้วิธีระเหยตัวอย่างที่กรองผ่านกระดาษกรองใยแก้ว (Glass Fiber Filter Disk) และอบแห้งที่อุณหภูมิ ๑๘๐ องศาเซลเซียส เป็นเวลาอย่างน้อย ๑ ชั่วโมง
- ๖.๕ ของแข็งแขวนลอยทั้งหมด ให้ใช้วิธีการกรองผ่านกระดาษกรองใยแก้ว (Glass Fiber Filter) และอบแห้งที่อุณหภูมิ ๑๐๓-๑๐๕ องศาเซลเซียส เป็นเวลาอย่างน้อย ๑ ชั่วโมง
- ๖.๖ ปิ๊อต ให้ใช้วิธีบ่มตัวอย่างที่อุณหภูมิ ๖๐ องศาเซลเซียส เป็นเวลา ๕ วัน ติดต่อกัน และหาค่าออกซิเจนละลายด้วยวิธีไอโซไมดิฟิเคชัน (Azide Modification) หรือวิธีเมมเบรนอิเล็กโทรด (Membrane Electrode)
- ๖.๗ ซีโอที ให้ใช้วิธีย่อยสลายโดยใช้แพลตตินัมไดโครเมต (Platinum Dichromate)
- ๖.๘ ซีลไฟต์ ให้ใช้วิธีไอโอดิเมตริก (Iodometric Method) หรือวิธีเมทิลีนบลู (Methylene Blue Method)
- ๖.๙ ไฮโดรไลต์ ให้ใช้การกลั่น (Distillation) และตรวจวัดด้วยวิธีเทียบสี (Colorimetric Method) หรือวิธี Flow Injection Analysis
- ๖.๑๐ น้ำมันและไขมัน ให้ใช้วิธีสกัดด้วยเทคนิค Liquid - Liquid Extraction หรือ Soxhlet Extraction ด้วยตัวทำละลายแล้วแยกหาน้ำหนักของน้ำมันและไขมัน
- ๖.๑๑ ฟอรัมไลต์ ให้ใช้วิธีเทียบสี (Colorimetric Method)
- ๖.๑๒ สารประกอบฟีนอล ให้ใช้การกลั่น (Distillation) และตรวจวัดด้วยวิธีเทียบสี (Colorimetric Method)
- ๖.๑๓ คลอรีนอิสระ ให้ใช้วิธีไตเตรท (Titrimetric Method) หรือวิธีเทียบสี (Colorimetric Method)
- ๖.๑๔ สารฆ่าศัตรูพืชและสัตว์ ให้ใช้วิธีก๊าซโครมาโตกราฟีค (Gas-Chromatographic Method) หรือวิธีไฮเพอร์ฟอร์แมนซ์ ลิกวิด โครมาโตกราฟีค (High-Performance Liquid Chromatographic Method)
- ๖.๑๕ ทีเคเอ็น ให้ใช้วิธีเจลดาล์ (Gjeldahl)
- ๖.๑๖ โลหะหนัก
- (๑) สังกะสี ทองแดง แคดเมียม แบรียม ตะกั่ว นิกเกิลและแมงกานีส ให้ใช้วิธีย่อยสลายด้วยกรด (Acid digestion) และวัดหาปริมาณโลหะด้วยวิธีอะตอมมิคแบบพลาสมา
- สเปคโตรเมตริก (Atomic Absorption Spectrometry : AAS) หรือวิธีอินดักทีฟฟิสิกส์เพิลลาสมา (Inductively Coupled Plasma)
- (๒) โครเมียม

- ก) โครเมียมทั้งหมด ให้ใช้วิธีย่อยสลายตัวอย่างด้วยกรด (Acid digestion) และวัดหาปริมาณโลหะด้วยวิธีอะตอมมิคแบบพลาสมาสเปคโตรเมตริก (Atomic Absorption Spectrometry : AAS) หรือวิธีอินดักทีฟฟิสิกส์เพิลลาสมา (Inductively Coupled Plasma)
- ข) โครเมียมเฉพาะวาเลนซ์ ให้ใช้วิธีเทียบสี (Colorimetric Method) หรือวิธีสกัดและตรวจวัดด้วยวิธีอะตอมมิคแบบพลาสมาสเปคโตรเมตริก (Atomic Absorption Spectrometry : AAS) หรือวิธีสกัดและตรวจวัดด้วยวิธีอินดักทีฟฟิสิกส์เพิลลาสมา (Inductively Coupled Plasma)
- ค) โครเมียมไตรวาเลนซ์ ให้ใช้วิธีคำนวณจากค่าส่วนต่างของโครเมียมทั้งหมดกับโครเมียมเฮกซะวาเลนซ์
- (๓) สารหนูและซีลีเนียม ให้ใช้วิธีอะตอมมิคแบบพลาสมาสเปคโตรฟิสิกส์เพิลลาสมา (Atomic Absorption Spectrophotometry) ชนิดไฮโดรเจนเนอเรน (Hydride Generation) หรือวิธีอินดักทีฟฟิสิกส์เพิลลาสมา (Inductively Coupled Plasma)
- (๔) วรท ให้ใช้วิธีสเปคโตรสโกปีอะตอมมิคแบบพลาสมาสเปคโตรเมตริก (Cold Vapor Atomic Absorption Spectrometry) หรือวิธีสเปคโตรสโกปีอะตอมมิคแบบพลาสมาสเปคโตรเมตริก (Cold Vapor Atomic Fluorescence Spectrometry) หรือวิธีอินดักทีฟฟิสิกส์เพิลลาสมา (Inductively Coupled Plasma)
- ข้อ ๗ การตรวจสอบคุณภาพน้ำดื่มจากโรงงาน ตามข้อ ๖ ให้เป็นไปตามคู่มือวิธีวิเคราะห์น้ำเสียของสมาคมวิศวกรรมสิ่งแวดล้อมแห่งประเทศไทย หรือ Standard Methods for the Examination of Water and Wastewater ซึ่ง American Public Health Association, American Water Work Association และ Water Environment Federation ของประเทศสหรัฐอเมริกากำหนด หรือตามที่กรมโรงงานอุตสาหกรรมกำหนด
- ข้อ ๘ การเก็บตัวอย่างน้ำดื่มเพื่อตรวจสอบค่ามาตรฐาน ตามข้อ ๕ ให้เป็นดังต่อไปนี้
- ๘.๑ จุดเก็บตัวอย่าง ให้เก็บในจุดระบบน้ำที่ออกจากโรงงาน ไม่ว่าจะมีจุดเดียวหรือหลายจุดก็ตาม หรือจุดอื่นที่สามารถใช้เป็นตัวแทนของน้ำที่ระบบออกจากรองาน กรณีมีการระบายน้ำหลายจุดให้เก็บทุกจุด
- ๘.๒ วิธีการเก็บตัวอย่างน้ำดื่ม ณ จุดเก็บตัวอย่างตาม ๘.๑ ให้เก็บแบบบัง (Grab Sample)
- ข้อ ๙ การกำหนดค่ามาตรฐานน้ำดื่มให้แตกต่างไปจากข้อ ๕ สำหรับโรงงานประเภท หรือชนิดใดเป็นการเฉพาะให้เป็นไปตามประกาศกรมโรงงานอุตสาหกรรม



ข้อ ๑๐ ให้ประกาศกรมโรงงานอุตสาหกรรม (พ.ศ. ๒๕๓๘) เรื่อง กำหนดคุณลักษณะน้ำทิ้ง  
ที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ ๒  
(พ.ศ. ๒๕๓๘) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน ลงวันที่ ๑๘ กุมภาพันธ์  
พ.ศ. ๒๕๔๐ ยังคงบังคับใช้ต่อไปจนกว่าจะได้มีการยกเลิก

ประกาศ ณ วันที่ ๓๐ พฤษภาคม พ.ศ. ๒๕๖๐  
อุดม สวานาน  
รัฐมนตรีว่าการกระทรวงอุตสาหกรรม



ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม

เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงานผลิตพลังงานไฟฟ้า

พ.ศ. ๒๕๖๕

โดยที่เป็นการสมควรกำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงานผลิตพลังงานไฟฟ้า เพื่อควบคุมการระบายน้ำทิ้งให้เป็นไปอย่างมีประสิทธิภาพ และเป็นไปตามมาตรฐานสากล

อาศัยอำนาจตามความในมาตรา ๕๔ แห่งพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ. ๒๕๓๕ รัฐมนตรีว่าการกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม โดยคำแนะนำของคณะกรรมการควบคุมมลพิษ และโดยความเห็นชอบของคณะกรรมการสิ่งแวดล้อมแห่งชาติ จึงออกประกาศไว้ ดังต่อไปนี้

ข้อ ๑ ในประกาศนี้

“โรงงานผลิตพลังงานไฟฟ้า” หมายความว่า โรงงานผลิตพลังงานไฟฟ้าตามกฎหมายว่าด้วยโรงงาน หรือกฎหมายว่าด้วยการประกอบกิจการพลังงาน

“เชื้อเพลิงถ่านหิน” หมายความว่า เชื้อเพลิงถ่านหินที่ใช้ในการผลิตพลังงานไฟฟ้า ในโรงงานผลิตพลังงานไฟฟ้า ได้แก่ ถ่านหินประเภท ซับบิทูมินัส (Sub-bituminous) ลิไจน์ต์ (Lignite) บิทูมินัส (Bituminous) พีต (Peat) และแอนทราไซต์ (Anthracite) ประเภทใดประเภทหนึ่ง หรือหลายประเภท

“เชื้อเพลิงก๊าซธรรมชาติ” หมายความว่า เชื้อเพลิงก๊าซธรรมชาติที่ใช้ในการผลิตพลังงานไฟฟ้า ในโรงงานผลิตพลังงานไฟฟ้า ซึ่งผลิตได้จากหลุมน้ำมันหรือหลุมก๊าซบดหรือไมเพเลสสำหรับรับการเดินพลังงานไฟฟ้า

“เชื้อเพลิงน้ำมัน” หมายความว่า เชื้อเพลิงน้ำมันที่ใช้ในการผลิตพลังงานไฟฟ้าในโรงงานผลิตพลังงานไฟฟ้า ได้แก่ น้ำมันเตา น้ำมันดีเซล น้ำมันปาล์มและน้ำมันอื่น ๆ ประเภทใดประเภทหนึ่ง หรือหลายประเภท

“เชื้อเพลิงชีวมวล” หมายความว่า เชื้อเพลิงชีวมวลที่ใช้ในการผลิตพลังงานไฟฟ้า ในโรงงานผลิตพลังงานไฟฟ้า ซึ่งเป็นเชื้อเพลิงประเภทที่ได้มาจากอินทรีย์สารหรือสิ่งมีชีวิต ผลผลิตจากการเกษตร การปศุสัตว์ การทำป่าไม้ เช่น ไม้พื้น เศษไม้ แกลบ ฟาง ชานอ้อย ต้นและใบอ้อย ใบปาล์ม กะลามะพร้าว ทะลายปาล์ม กะลามะพร้าว ใบมะพร้าว เศษพืช เป็นต้น ประเภทใดประเภทหนึ่ง หรือหลายประเภท

“เชื้อเพลิงก๊าซชีวภาพ” หมายความว่า เชื้อเพลิงประเภทก๊าซชีวภาพที่ใช้ในการผลิตพลังงานไฟฟ้า ในโรงงานผลิตพลังงานไฟฟ้า ซึ่งเป็นเชื้อเพลิงที่เกิดจากการย่อยสลายของสารอินทรีย์ โดยเกิดขึ้นจากโรงงานผลิตก๊าซชีวภาพ

“พลังงานอื่น ๆ” หมายความว่า พลังงานแสงอาทิตย์ พลังงานน้ำ และพลังงานลม ที่ใช้ในการผลิตพลังงานไฟฟ้า

“น้ำทิ้ง” หมายความว่า น้ำเสียที่เกิดจากการประกอบกิจการ ทั้งจากกระบวนการผลิตพลังงานไฟฟ้า ระบบระบายความร้อนด้วยน้ำ หรือน้ำเสียจากกิจกรรมอื่นในโรงงานผลิตพลังงานไฟฟ้า ที่ผ่านกระบวนการบำบัดจนเป็นไปตามมาตรฐานที่กำหนดไว้ในประกาศนี้ ทั้งนี้ ไม่รวมถึงน้ำที่ผ่านเครื่องกักกั้นน้ำสำหรับโรงไฟฟ้าพลังงานน้ำ

ข้อ ๒ กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากกระบวนการผลิตพลังงานไฟฟ้า และกิจกรรมอื่นตามประเภทเชื้อเพลิงหรือพลังงานอื่น ๆ ดังต่อไปนี้

ลำดับ	พารามิเตอร์	ถ่านหิน	เชื้อเพลิง	
			ก๊าซธรรมชาติ น้ำมัน ชีวมวล ก๊าซชีวภาพ	พลังงานอื่น ๆ
๑	ความเป็นกรดและด่าง (pH)	๕.๕ - ๙.๐	๕.๕ - ๙.๐	๕.๕ - ๙.๐
๒	ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids)	- กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน ๓,๐๐๐ มิลลิกรัมต่อลิตร - กรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า ๓,๐๐๐ มิลลิกรัมต่อลิตร ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน ๕,๐๐๐ มิลลิกรัมต่อลิตร	- กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน ๓,๐๐๐ มิลลิกรัมต่อลิตร - กรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า ๓,๐๐๐ มิลลิกรัมต่อลิตร ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน ๕,๐๐๐ มิลลิกรัมต่อลิตร	- กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน ๓,๐๐๐ มิลลิกรัมต่อลิตร - กรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า ๓,๐๐๐ มิลลิกรัมต่อลิตร ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน ๕,๐๐๐ มิลลิกรัมต่อลิตร



ลำดับ	พารามิเตอร์	เชื้อเพลิง		
		ถ่านหิน	ก๊าซธรรมชาติ น้ำมัน ชีวมวล ก๊าซชีวภาพ	พลังงานอื่น ๆ
๓	ของแข็ง แขวนลอย ทั้งหมด (Total Suspended Solids)	ไม่เกิน ๕๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๕๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๕๐ มิลลิกรัมต่อลิตร
๔	บีโอดี (Biochemical Oxygen Demand)	ไม่เกิน ๒๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๒๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๒๐ มิลลิกรัมต่อลิตร
๕	ซีโอดี (Chemical Oxygen Demand)	ไม่เกิน ๑๒๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๑๒๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๑๒๐ มิลลิกรัมต่อลิตร
๖	น้ำมันและ ไขมัน (Oil and Grease)	ไม่เกิน ๕ มิลลิกรัมต่อลิตร	ไม่เกิน ๕ มิลลิกรัมต่อลิตร	ไม่เกิน ๕ มิลลิกรัมต่อลิตร
๗	ไนเตรต (Nitrate)	ไม่เกิน ๑๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๑๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๑๐ มิลลิกรัมต่อลิตร
๘	ฟอสเฟต (Phosphorus)	ไม่เกิน ๑๐๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๑๐๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๑๐๐ มิลลิกรัมต่อลิตร
๙	ทองแดง (Cu)	ไม่เกิน ๒.๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๒.๐ มิลลิกรัมต่อลิตร	-
๑๐	เหล็ก (Fe)	ไม่เกิน ๑.๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๑.๐ มิลลิกรัมต่อลิตร	-
๑๑	สารหนู (As)	ไม่เกิน ๐.๐๕ มิลลิกรัมต่อลิตร	-	-
๑๒	ปรอท (Hg)	ไม่เกิน ๐.๐๐๕ มิลลิกรัมต่อลิตร	-	-

ลำดับ	พารามิเตอร์	เชื้อเพลิง		
		ถ่านหิน	ก๊าซธรรมชาติ น้ำมัน ชีวมวล ก๊าซชีวภาพ	พลังงานอื่น ๆ
๑๓	ซิลิเนียม (Se)	ไม่เกิน ๐.๐๒ มิลลิกรัมต่อลิตร	-	-

ข้อ ๓ กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากการขบะบายความร้อนด้วยน้ำ  
ดังต่อไปนี้

ลำดับ	พารามิเตอร์	ระบบระบายความร้อนด้วยน้ำ	
		ผ่านครั้งเดียว (Once Through Cooling Water System)	หอหล่อเย็น (Cooling Tower)
๑	ความเป็นกรดและด่าง (pH)	-	๕.๕ - ๙.๐
๒	อุณหภูมิ (Temperature)	ไม่เกิน ๔๐ องศาเซลเซียส	ไม่เกิน ๔๐ องศาเซลเซียส
๓	ฟลอรีนอิสระ (Free Chlorine)	ไม่เกิน ๑.๐ มิลลิกรัมต่อลิตร	ไม่เกิน ๑.๐ มิลลิกรัมต่อลิตร
๔	สังกะสี (Zn)	-	ไม่เกิน ๕.๐ มิลลิกรัมต่อลิตร

ข้อ ๔ โรงงานผลิตพลังงานไฟฟ้าได้มีการใช้เชื้อเพลิงมากกว่า ๑ ประเภท ให้โรงงานผลิต  
พลังงานไฟฟ้านั้น ถูกควบคุมการระบายน้ำทิ้งด้วยมาตรฐานการระบายน้ำทิ้งจากโรงงานผลิตพลังงานไฟฟ้า  
ทุกประเภทเชื้อเพลิงที่ใช้ร่วมกัน และถูกควบคุมด้วยค่ามาตรฐานที่เข้มงวดที่สุด

ข้อ ๕ โรงงานผลิตพลังงานไฟฟ้าได้มีการระบายน้ำทิ้งจากระบบการผลิตพลังงานไฟฟ้า  
และกิจการอื่น ร่วมกันน้ำทิ้งจากกระบวนการระบายความร้อนด้วยน้ำ ให้โรงงานผลิตพลังงานไฟฟ้านั้น  
ถูกควบคุมการระบายน้ำทิ้งด้วยมาตรฐานการระบายน้ำทิ้งจากทุกประเภทน้ำทิ้ง และถูกควบคุม  
ด้วยค่ามาตรฐานที่เข้มงวดที่สุด

ข้อ ๖ ห้ามมิให้ระบายน้ำทิ้งจากโรงงานประเภทอื่นร่วมกับน้ำทิ้งจากโรงงานผลิตพลังงานไฟฟ้า  
เว้นแต่การระบายน้ำทิ้งจากสถานประกอบการผลิตน้ำจืดจากน้ำทะเลร่วมกับน้ำระบายความร้อน  
ของโรงผลิตพลังงานไฟฟ้าที่ใช้เทคโนโลยีการระบายความร้อน (co-location) ตามประกาศ  
กระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจาก  
สถานประกอบการผลิตน้ำจืดจากน้ำทะเล



ข้อ ๗ น้ำทิ้งที่จะระบายจากโรงงานผลิตพลังงานไฟฟ้าลงสู่แหล่งน้ำสาธารณะหรือออกสู่สิ่งแวดล้อมต้องไม่ใช้วิธีทำให้เจือจาง (Dilution)

ข้อ ๘ การเก็บตัวอย่างน้ำทิ้งเพื่อการตรวจสอบมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงานผลิตพลังงานไฟฟ้า ให้เป็นไปตามที่กำหนดไว้ ดังนี้

๘.๑ จุดเก็บตัวอย่าง ให้เก็บในจุดระบายที่ลงสู่แหล่งน้ำสาธารณะหรือออกสู่สิ่งแวดล้อมหรือจุดอื่นที่สามารถใช้แทนของน้ำทิ้ง ในกรณีที่มีการระบายทิ้งหลายจุด ให้เก็บทุกจุด

๘.๒ วิธีการเก็บตัวอย่างน้ำทิ้ง ณ จุดเก็บตัวอย่างตามข้อ ๘.๑ ให้เก็บแบบบังจาง (Grab Sample)

ข้อ ๙ การตรวจสอบมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงานผลิตพลังงานไฟฟ้าให้ใช้วิธีการดังต่อไปนี้

๙.๑ ความเป็นกรดและด่าง ให้ใช้เครื่องวัดความเป็นกรดและด่างของน้ำ (pH Meter) ที่มีความละเอียดไม่ต่ำกว่า ๐.๑ หน่วย

๙.๒ อุณหภูมิ ให้ใช้เครื่องวัดอุณหภูมิวัดขณะทำการเก็บตัวอย่าง

๙.๓ ของแข็งละลายน้ำทั้งหมด ให้ใช้วิธีระเหยด้วยวิธีที่กรองผ่านกระดาษกรองใยแก้ว (Glass Fiber Filter Disk) และอบแห้งที่อุณหภูมิ ๑๘๐ องศาเซลเซียส เป็นเวลาอย่างน้อย ๑ ชั่วโมง

๙.๔ ของแข็งแขวนลอยทั้งหมด ให้ใช้วิธีการกรองผ่านกระดาษกรองใยแก้ว (Glass Fiber Filter) และอบแห้งที่อุณหภูมิ ๑๐๓ - ๑๐๕ องศาเซลเซียส เป็นเวลาอย่างน้อย ๑ ชั่วโมง

๙.๕ บีโอดี ให้ใช้วิธีการบ่มตัวอย่างที่อุณหภูมิ ๒๐ องศาเซลเซียส เป็นเวลา ๕ วันติดต่อกัน และหาค่าออกซิเจนละลายด้วยวิธีไฮดรอกซีเมตติเคชัน (Azide Modification) หรือวิธีเมมเบรนอิเล็กโทรด (Membrane Electrode) หรือวิธีออปติคัลโพรบ (Optical Probe)

๙.๖ ซีไอดี ให้ใช้วิธีย่อยสลายโดยใช้โพแทสเซียมไดโครเมต (Potassium Dichromate)

๙.๗ น้ำมันและไขมัน ให้ใช้วิธีสกัดด้วยตัวทำละลายแล้วแยกหาน้ำมันของน้ำมัน และไขมัน

๙.๘ คลอรีนอิสระ ให้ใช้วิธีไตเตรต (Titrimetric Method) หรือวิธีเทียบสี (Colorimetric Method)

๙.๙ ไนโตรเจน ให้ใช้วิธีเทียบสี (Colorimetric Method)

๙.๑๐ ซีเคเอ็น ให้ใช้วิธีเจลดาคัล (Kjeldahl)

๙.๑๑ โลหะหนัก

(๑) สังกะสี และทองแดง ให้ใช้วิธีย่อยสลายตัวอย่างด้วยกรด (Acid digestion) และวัดหาปริมาณโลหะด้วยวิธีอะตอมมิกแอบซอร์ปชันสเปกโตรเมตรี (Atomic Absorption Spectrometry) หรือวิธีอินดักทีฟลีคัปเปิลพลาสมา (Inductively Coupled Plasma)

(๒) เหล็ก ให้ใช้วิธีฟีนานโทรลีน (Phenanthroline)

(๓) สารหนู และซีลีเนียม ให้ใช้วิธีอะตอมมิกแอบซอร์ปชันสเปกโตรโฟโตเมตรี (Atomic Absorption Spectrophotometry) ชนิดไฮโดรเจนเรซิน (Hydride Generation) หรือวิธีอินดักทีฟลีคัปเปิลพลาสมา (Inductively Coupled Plasma)

(๔)ปรอท ให้ใช้วิธีโคลด์วอเตอร์อะตอมมิกแอบซอร์ปชันสเปกโตรเมตรี (Cold Vapor Atomic Absorption Spectrometry) หรือวิธีโคลด์วอเตอร์อะตอมมิกฟลูออเรสเซนซ์สเปกโตรเมตรี (Cold Vapor Atomic Fluorescence Spectrometry) หรือวิธีอินดักทีฟลีคัปเปิลพลาสมา (Inductively Coupled Plasma)

ข้อ ๑๐ รายละเอียดของวิธีตรวจสอบมาตรฐานควบคุมการระบายน้ำทิ้ง ให้เป็นไปตามคู่มือวิเคราะห์น้ำและน้ำเสียของสมาคมวิศวกรรมสิ่งแวดล้อมแห่งประเทศไทย หรือ Standard Methods for the Examination of Water and Wastewater ซึ่ง American Public Health Association, American Water Works Association และ Water Environment Federation ของประเทศสหรัฐอเมริกา กำหนดหรือตามที่คณะกรรมการควบคุมแลพิชประกาศในราชกิจจานุเบกษา

ข้อ ๑๑ โรงงานผลิตพลังงานไฟฟ้าอื่น นอกเหนือจากที่ได้กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งไว้ตามข้อ ๒ และข้อ ๓ ให้มีมาตรฐานควบคุมการระบายน้ำทิ้งตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากโรงงานอุตสาหกรรม นิคมอุตสาหกรรม และเขตประกอบการอุตสาหกรรม มาใช้บังคับโดยอนุโลม

ข้อ ๑๒ ประกาศนี้ให้ใช้บังคับเมื่อพ้นกำหนดสามร้อยหกสิบห้าวันนับตั้งแต่วันประกาศในราชกิจจานุเบกษาเป็นต้นไป

ประกาศ ณ วันที่ ๒๗ กรกฎาคม พ.ศ. ๒๕๖๕

วราวุธ ศิลปอาชา

รัฐมนตรีว่าการกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม